Product Catalog 1050

ELECTRIC MOTORS, GEARMOTORS AND DRIVES

Sub-Fractional to 700 HP

A Regal Brand

REGAL

What's New

Premium Efficient JM Pump Motors – Pages 126-129

Premium Efficient JP Pump Motors – Pages 123-124 and 130-131

Milk Pump and Tanker Pump Motors – Pages 196-197

16 HP – Single Phase – Crop Dryer Motor – Page 193

Higher HP SM4 Vector Duty Inverters – Page 370

Premium Efficient 15 HP – 215TC – With Base – TEFC – 2-Pole Motor – Page 79

6-Pole Extreme Duck Motors – Page 182

3 HP Extreme Duck Motors – Page 182

ecoSaver (Small Motor Rule) ODP and TEFC – Pages 24 and 56

ecoSaver Jet Pump – 2 Speed – 1PH – Page 122

What's Coming

- Stainless Steel Pedestal Fan Motors
- Vertical Solid Shaft P-Base, Low and Medium Thrust
- 3 Phase TEAO Crop Dryer Motors
- Inverter Duty Motors with Shaft Grounding Rings
- Explosion Proof Washguard C Face Motors
- General Purpose HVAC with Shaft Grounding Rings
- Severe Duty Wattsaver Plus C Face Motors
- ATEX Certification for Explosion Proof Motors

Table of Contents

New Products

Agricultural Duty Motors 186
High Torque 1-Phase . . . . . 187 & 200
Eco-AG Series / Premium Efficient 1 & 3 Phase 188
Extra High Torque 1 Phase 189
High Torque C Face 1-Phase 189
Fan Duty / Crop Dryer . . . . . 190 & 201
Tobacco Barn Duty Fan Motors 194
Grain Stirring/Crop Dryer 193
Catfish Pond 195
AG - Pump Duty 195
Milk Transfer Pump 196
Feed Auger Duty 198
Feather Picker - Stainless Steel additions available 199
Hatchery / Fan Duty 199

Automotive Duty Motors 110

Brakemotors 270
General Purpose 271
Washdown Duty 274
High Cycle Brakemotors 275
Brakemotor Kits 276

Definite Purpose Motors 246
Compressor Duty 247
Pressure Washer Duty 249
Woodworking Duty 251
Instant Reversing 253
Boat Hoist Duty 255
Two-Speed 256
Crusher / Quarry Duty 257
Elevator Duty 258
Unit Handing 267
Export Only 268

Explosion Proof Motors 104
Single Phase 106
Three Phase - Higher HP ratings available 107

General Purpose Motors

Single Phase Drip-Proof Motors 16
General Purpose 17
Premium Efficient - Fan Duty 26
EcoSaver (Small Motor Rule) 24
Compressor Duty 27
Pressure Washer 28
Resilient Base 29

Single Phase Totally Enclosed Motors 30
General Purpose 31
Premium Efficient 38
Resilient Base Mount 39
Pressure Washer 39

Single Phase C Face Motors 34
General Purpose - Drip-Proof 21
Pressure Washer - C-face - TEFC 40
Unit Handling - C-face - TEFC 41

Three Phase Drip-Proof Motors 44
General Purpose 45
C-Face 51
EcoSaver (Small Motor Rule) 56
Compressor Duty 58
Resilient Base Mount 59
F2 Mount 60
Automatic Overload Protected 60

Three Phase Totally Enclosed Motors 61
General Purpose 62
C-Face 72
Resilient Base Mount 83
Compressor Duty 83
TENV Enclosure 82
F2 Mount 82
SUB-FHP Inverter Rated 84
FHP For AC Drives 85

HVAC / Fan Motors 204
Resilient Base - 1 Phase 205
Premium Efficient - 1 Phase 206
Resilient Base - 3-Phase 207
Multi-Speed 208
Aeration Fan 210
Ventilation Fan 211
Condenser Fan 212
Split Phase 213
Pedestal Fan 214
Two-Speed 215
Agricultural Duty . . . . . 217 & 221
Grain Dryer 219
Crop Dryer 220
AG Hatchery Duty 221
TEAO Cooling Tower 225

IEC / Metric Motors 279
B3 Flange 282
B5 Flange 284
B14 Flange 286
575 Volt - B3 Flange 288
Metric Motor Flange Kits 290
Metric Stainless Washdown 292
DC Metric 294
Commercial Duty 299

Inverter / Vector Duty Motors 86
2000 : 1 With Encoder Provision 87
2000 : 1 With Encoder Feedback 90
4 : 1 Speed Ratio 91
ODP - 10 : 1 Speed Ratio 93
SUB-FHP - 10 : 1 Speed Ratio 94
Encoder Kits 89

Table of Contents (cont'd)

Pump Motors 116
Jet Pump - Single & Three Phase 117
4-Pole Jet Pump ratings 119
Explosion Proof Jet Pump . . . . . 118 & 120
Washdown Duty Pump 121
EcoSaver Jet Pump - 2 speed - 1 PH. 122
Carbonator Pump 122
JP Pump - ODP & TEFC 123
Premium Efficient JP Pump - ODP & TEFC . . . . . 123 & 130
JM Pump - ODP & TEFC. 125
Premium Efficient JM Pump - ODP & TEFC 126
Fire Pump ODP & TEFC 132
Hydraulic SAE Pump Motors - TEFC. 138

Severe Duty Motors. 96
IEEE 841 Motors - Higher HP ratings available 97
Wattsaver Plus - Mill & Chemical Duty 98
Multiguard Motors 101

Special Voltage. 228
575 Volt 229
200/400 Volt. 237
50 Hz. 239
Medium Voltage. 244

Washdown Duty Motors 142
General Purpose Epoxy Painted -1 & 3 Phase. 145
575 Volt - Epoxy Painted 148
Jet & JM Pump Motors - Epoxy Painted 149
Brakekmotors - Epoxy Painted 150
Lincoln Wash-Thru™ Series 152
DC Washdown - Epoxy Painted. 154
Gearmotors - AC & DC Epoxy painted. 155
Washdown II Series / Paint Free. 165
SST Stainless - 1 & 3 Phase 166
Premium Stainless 1 & 3 Phase. 166
Premium Stainless with Shaft Grounding Rings. 174
Brakemotors - Stainless Steel 176
JM Pump Motors - Stainless Steel. 176
IEC / Metric Stainless 177
DC Stainless. 178
Extreme Duck Encapsulated Stainless 180
Extreme Duck With Shaft Grounding Rings. 183

DC Motors 300
NEMA Frame SCR Rated 302
Explosion Proof 304
Washdown Duty 305
Sub-Fractional HP. 306
SUB-FHP Washdown Duty 307
IEC / Metric 308
Low Voltage. 312
Low Voltage Metric 313
SUB-FHP Low Voltage 314
Commercial Duty Low Voltage. 315
Stainless Washdown Duty 316

Gearmotors 318
DC Gearmotors
Parallel Shaft, PZ SCR & Low Voltage 320
Parallel Shaft, P300 - SCR & Low Voltage 322
Parallel Shaft, OS300 - SCR & Low Voltage 324
Parallel Shaft, PE350, SCR & Low Voltage 326
Parallel Shaft, P1100 328
Right-Angle 330
Parallel Shaft, P300 - Washdown Duty. 334
Parallel Shaft, PE350 Washdown Duty. 336
Right-Angle, Washdown Duty 338
AC Gearmotors
Parallel Shaft PZ 340
Parallel Shaft P240 342
Parallel Shaft, P240 Washdown Duty. 343
Parallel Shaft, PE350. 344
Parallel Shaft, P1100. 346
Right Angle 348
Right-Angle Washdown Duty 349
Inverter Rated - PZ Series 352
Kits & Accessories. 350

AC & DC Controls 354
DC Drives
DC SCR Rated. 356
DC Low Voltage 357
DC PWM 357
DC Dual Mode 359
AC Drives 354
FHP Series 361
Micro Series NEMA 1. 362
Micro Series NEMA 4/12 & 4X 364
Vector Series NEMA 1 367
Vector Series NEMA 4/12 370
SM Plus Series. 372
SM Series 374
Inverter Kits and Accessories 376

Motor Accessories / Kits
D Flange Kits 382
C Flange Kits 383
Rodent Screen Kits 388
Cast Iron Fan Guard / Severe Duty Kits. 388
Drip-Cover Kits. 389
Blower Kits 390
Encoder Kits 391
Terminal Block Kits 392
Slide Base / Transision Bases. 393
CE Conversion Kits 394
Shaft Grounding Kits. 395

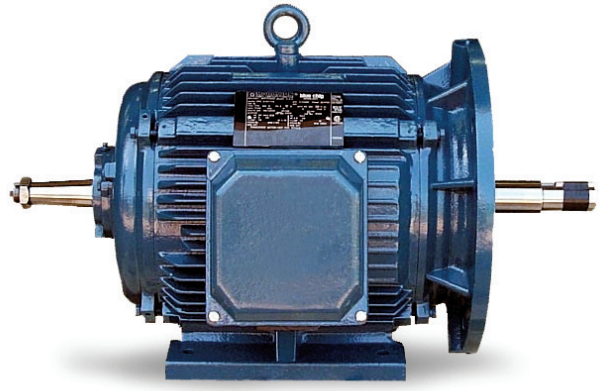
Motor Modifications, MOD-SQUAD 398

Factory Options 410

General Information
Technical Information . . . . . 6 & 466
Cross References. 412
Terms and Conditions. 478
Index. 441
Dimension Information 469
Note Information . . . . . Inside back flap

New products and pricing are continually updated, for the latest real time product information please refer to leeson.com

Whether you need a modified stock motor or a custom motor built to your specifications we can help.



From Concept to Reality

Our CustomPDQ Team will work with you to design a particular application solution.

We've combined our severe duty line of XP motors with our CustomPDQ capability to offer you an unprecendented service - quickly delivered, custom designed, explosion-proof motors.

Whether you need your explosion-proof motor with space heaters, a special shaft or a re-rated nameplate we can get you on the fast track with CustomPDQ eXPress.

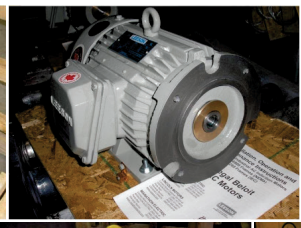
Capabilities

- 56-449T Frame
- Stator winding from 1-1/8" dia. by 1' length
- Explosion Proof mod shop
- Short cycle times - 24 hours available
- Small lot capability

Steel Mill Roller

Custom Brakemotor

Internal Threaded Shaft Severe Duty



Public Transit Special Frame/Conduit Size

Pulp Dryer

100V Mine Transportation Motor

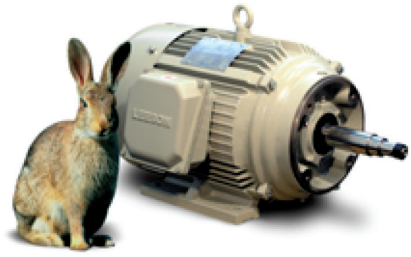
High Torque Steel Mill Recovery Motor

Specially Encapsulated Motors & Seals

Bearing RTD Installation

Double Shaft with D Flange & 10' Leads

For PDQ Program Details See Page 226



CustomPDQ | Think Fast

Ph 1-800-463-1797 • hanoversales@regalbeloit.com
www.custompdq.com

LEESON®

DOE & EISA Ruling Explained

In March of 2010, the DOE (Department of Energy) instituted a ruling that incorporates small motors into their Energy Efficiency Programs. The DOE, as required by law, is mandated to review the readiness of the Energy regulations based on current materials and manufacturing technologies. This SMR (Small Motor Efficiency Rule) includes motors that are described in the information below. This rule goes into effect on March 9th, 2015. Motors requiring outside agency approval, such as UL or CSA, have a 2-year extension and need to comply by March 9, 2017.

In addition, in May of 2014, the DOE released communications with required expansions of 3 phase, single-speed, low voltage, integral HP motors, 1-500 HP to meet NEMA Premium efficiency levels, excluding some exceptions. This ruling expands current motor regulation for motors that were not previously covered in the EISA 2010 regulations. These families of motors are also listed in the information below. This rule goes into effect on June 1, 2016.

This new rule is predicted to save approximately 7 quads of energy and result in approximately $41.4 billion in energy bill savings for products shipped from 2016 – 2045. This rule is also predicted to reduce 395 million metric tons of carbon dioxide emissions.

For the SMR, the motors that are in scope include:

- 2-digit frame numbers – 42, 48 and 56 frame motors and their IEC equivalent frame size motors
- The Speed or Poles of the motors would include 2, 4 and 6 pole designs from 1/4 to 3 HP
- Open construction motors that are either 3 phase (Polyphase), Cap Start – Induction Run or Cap Start/Cap Run designs
- Continuous duty rated and also meet NEMA Service Factor

Exemptions to this rule include:

- Definite or Special Purpose OPEN construction design motors
- Motor speeds that are outside of the 2, 4 and 6-pole speeds
- Enclosed motors
- Motor types that are not classified as being 3 phase, Cap Start – Induction Run or Cap Start/Cap Run
- Intermittent duty motors as well as designs outside the HP and frame size listing as described above
- Motors that are already covered by other efficiency legislation are also not covered by this rule

EISA Expansion Rule

The EISA (Energy Independence and Security Act) expansion and compliance rule, or sometimes referred to as the EISA Expansion Rule, expands the following list of motor designs to meet NEMA Premium efficiency: 1 – 500 HP, NEMA Design A, B & C (1 - 200 HP only today for Design A & B motors); IEC Design N, H, 8 Pole designs, enclosed 56 Frame IHP (1 HP and larger) that are either of General Purpose, Special or Definite Purpose design electric motors.

The Efficiency levels must meet NEMA Premium levels as listed in Table 12-12 (IE3 – 60Hz). Please visit www.leeson.com for a copy of the NEMA 12-12 table.

Motors now affected by this expansion rule include:

- NEMA Design A & B motors from 201 to 500 HP
- NEMA Design C motors from 1 to 500 HP
- All voltages ≤ 600 volts
- 8-pole motors
- Electric motors with non-standard endshields, flanges or shafts
- Motors with moisture resistant windings, like encapsulated or sealed windings
- Motors that use any non-standard mounting like a base or cradle
- Motors that do not have a base or cradle – footless designs
- Partial designed electric motors – but not rotor and stator sets
- Vertical hollow shaft motors
- TENV designed motors
- JM and JP Pump motors
- Electric motors having thrust or roller bearings
- Integral brake motors
- Motors with separately cooled blowers on them
- Enclosed 56 frame 1 HP and larger – 56 Open motors are covered by the SMR
- Gearmotors if the motor can be removed from the reducer and work as independent motor

Exempt motors from the 2010 expansion rule include:

- Fire pump motors
- Liquid cooled motors
- Submersible motors
- Air over design motors
- Component sets (stator, rotor sets)
- Small electric motors below 56 frame – see SMR rules
- Advanced Motor Technology motors which include PMAC, ECM, Brushless DC, etc.
- Inverter duty only motors

Technical Information

Application Information

AGENCY LISTINGS

UL and CSA

LESSON Electric and Lincoln Motors Fire Pump and Explosion Proof motors are UL Listed. Other motor types are UL Recognized, including models with inherent overheating protection as noted (i.e. thermally protected models). Leeson and Lincoln motors are also CSA Certified for both explosion proof and non-explosion proof enclosures.

AC Motors

Non-Explosion Proof	UL File No.	CSA File No.
NEMA 25-449 Frame	E49747	LR2025
NEMA 500 and 5000 Frame	—	LR2025*
IEC 63-90 Frame	E49747	LR2025
IEC 100-280 Frame	E49747	LR2025#
Thermally Protected motors	E6312	LR2025
Insulation Systems	E37900	LR2025

* Does not include coverage for use with VFD

Domestic product only

Explosion Proof	UL File No.	CSA File No.
NEMA 56-326 Frame	E12044	LR47504
NEMA 364-449 Frame	E12044	LR21839
Fire Pump Motors	**UL File No.**	**CSA File No.**
NEMA 143-510	EX5190	LR2025
Class I, Division 2/Zone 2	**UL File No.**	**CSA File No.**
NEMA 48-449, 5000 Frame	—	LR21839
European ATEX Zone 2	**Intertek Certificate No.**	
NEMA 143-449, IEC 112-280	ITS06ATEX45370	

PMDC Motors + Gear Motors

Non-Explosion Proof	UL File No.	CSA File No.
NEMA 25-145	E49747	LR2025
AC Inverters	E161242	#
SpeedMaster SCR Controls	E132235	LR41380
FHP Speed Drives	E132235	–

- UL Certified for Canada under UL File E 1.67242

ATEX Directive (ATmospheres EXplosibles)

Mandatory by law, the European Union (EU) Directive 94/9/EC requires that electric motors for use in explosive atmospheres carry the CE mark, notified body identifier, Ex symbol, equipment group and category, plus the date code. See "European Installations" for additional details, located on the next page.

NEMA (National Electrical Manufacturers Ass'n)

LEESON Electric and Lincoln Motors' are manufactured in accordance with all applicable areas of NEMA standards in MG1-2006. When applied in accordance with the "Guidelines for Application of Three Phase Motors on Variable Frequency Drives", **LEESON Electric and Lincoln Motors' are in full compliance with NEMA MG1-2006, Part 31, Section 4.4.2**, as pertaining to voltage spikes. 460 volt motors must withstand voltage spikes of up to 1426 volts; 575 volt motors must withstand spikes up to 1788 volts. See "Insulation Systems" for additional detail on this subject. **Website: www.nema.org**

Commitment to RoHS and WEEE European Directives

European Directive 2002/95/EC "Restriction of Use of Certain Hazardous Substances" (RoHS) and Directive 2002/96/EC "Directives on Waste Electrical and Electronic Equipment" (WEEE) were enacted to control the amount of certain hazardous substances contained in products shipped into the E.U. Restricted substances include lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls and polybrominated dipheynl ethers.

The scope of products covered, affecting motors, is:

- Large household appliances
- Small household appliances
- IT and telecommunications equipment
- Consumer equipment
- Electrical and electronic tools (except large scale stationary and industrial tools)
- Toys, leisure and sports equipment
- Automatic dispensers

The Directives do not currently apply to medical devices, monitoring and control instruments, spare parts for the repair or reuse of electrical and electronic equipment placed on the market before July 1, 2006, and most military and state security equipment.

Regal Beloit Corporation worked closely with suppliers to assure that product falling within the scope of these Directives meets the specified levels of these substances. The Directives took affect July 1st, 2006 however many products were converted in May and June. The products converted are motors in NEMA frame size 145 and below, both AC and DC motors with the following exceptions:

- Brakemotors in 56-145 frame **will have to be ordered specifically as RoHS compliant.**
- **Some motors with specialty electro-mechanical components.**

ISO QUALITY CERTIFICATION

Affiliate of The Regal Beloit Corporation. We are ISO 9001:2008 and our registrar is NSF-ISR. The certificate number for the corporation is C0026928-IS2.

leeson.com/Technical Information

LEESON Electric and Lincoln Motors employ the use of Exxon POLYREX® EM grease, a specially formulated bearing grease designed for electric motors. POLYREX® EM provides superior lubricity, durability and resists corrosion, rust and washout. POLYREX® EM is a registered trademark of Mobil Corporation.

Maximum safe mechanical speed capability is a function of bearing size, type and grease selection, as well as rotor balance specifications. Consult the "Maximum Safe Mechanical Speed Limits" chart in the "Overspeed Capability" section.

Note that these values do not imply maximum constant horsepower RPM.

EFFICIENCY

The efficiency of a motor is the ratio of its useful power output to its total power input and is usually expressed in a percentage. LEESON Electric and Lincoln Motors offers standard, high efficient EPAct, and **NEMA Premium®** efficient ratings. Standard efficiency motors may only be used on applications that are exempt from legislated efficiencies. The high efficient motor line is in compliance with the Energy Policy Act of 1992 (EPAct) and/or Canadian efficiencies as set by NRCan. The Energy Independance and Security Act of 2007 (**EISA07**) will become law on December 19, 2010, requiring current EPAct-compliant motors to meet NEMA Premium® efficiencies, and most EPAct-exempt motors to meet EPAct levels. Premium efficient motors in this catalog meet NEMA Premium® unless otherwise noted.

The LEESON WattSAVERe® and Lincoln Ultimate-e™ line is a premium efficiency line, which exceeds mandated efficiencies of EPAct and/or NRCan. Unless otherwise noted, premium efficient motors in this catalog meet NEMA Premium® the newly promoted efficiency levels by NEMA and the Consortium for Energy Efficiency (CEE).

ELECTRICAL TYPE/STARTING METHOD

Motors in this catalog are capacitor start, split phase, permanent split capacitor, or three phase. Capacitor Start motors have high starting torque, high breakdown torque, and relatively low starting current. Split phase motors have medium starting torque and medium starting current. Permanent split capacitor motors have low starting torque and low starting current. Three phase motors have high starting, extra breakdown torque, and typically very low starting current. Single phase motors cannot be applied on variable frequency drives with three phase output.

ENCLOSURE AND METHOD OF COOLING

LEESON Electric and Lincoln Motors are available in various enclosures; Dripproof (DP), Dripproof Force Ventilated (DPFV), Totally Enclosed Fan Cooled (TEFC), Totally Enclosed Non-Ventilated (TENV), Totally Enclosed (TEAO) and Totally Enclosed Blower Cooled (TEBC). Application conditions will determine the type of motor enclosure required.

Dripproof motors have open enclosures and are suitable for indoor use and in relatively clean atmospheres. Dripproof motors have ventilating openings constructed so that drops of liquid or solid particles falling on the machine at an angle of not greater than 15 degrees from the vertical cannot enter the machine.

Totally enclosed motors are suitable for use in humid environments or dusty, contaminated atmospheres. Totally enclosed non-ventilated motors are NOT cooled by external means. Totally enclosed fan cooled motors are cooled by external means that are part of the motor but not in the internal workings of the motor. Totally enclosed air over motors are sufficiently cooled by external means, provided by the customer.

HAZARDOUS DUTY

Hazardous Duty motors are totally enclosed (fan cooled or non-ventilated) motors designed for applications inhazardous atmospheres containing explosive gases and/or combustible dusts.

North American installations

North American standards for electric motors generally fall into one of two divisions. Division 1 Explosion Proof motors are UL Listed in accordance with NFPA Class I (Flammable Gases) or Class II (Combustible Dusts) and Groups (gases or dusts), depending upon the atmosphere. Division 2 motors are CSA Certified and are marked similarly to Division 1 equipment. Inverter Duty motors through 449T frames are CSA Certified for use in Division 2 locations.

European installations

Motors for hazardous locations in Europe must meet a different set of standards and require different markings than those of North America. CENELEC sets the standards for equipment in hazardous locations for Europe Motors for use in explosive atmospheres in Europe are often referred to as flameproof (Zone 1) or non-sparking (Zone 2) motors. These motors must comply with the ATEX Directive. The ATEX Directive covers all electrical equipment used in explosive atmospheres. To ensure compliance with the Directive, equipment must meet the essential ATEX requirements and carry the CE mark on the nameplate. Other information required on the nameplate includes the Ex symbol, group & category, Ex protection method, gas group, and temperature code, example (Ex II 3 G Ex nA IIC T3).

The tables on the next page describe LEESON Electric and Lincoln Motors capabilities by Area Classification and by Temperature Code.

Technical Information
Application Information

LEESON Electric and Lincoln Motors Hazardous Duty Motor Area Classification Chart

Class I Area Classification (Flammable Gases, Vapors or Mists)				Class II Area Classification (Combustible Dusts)			
North America		Europe - ATEX③ (Category G - Gases)		North America		Europe - ATEX③ (Category D - Dusts)	
Division 1 Explosion Proof	Division 2 TEFC & TENV	Zone1 Flameproof	Zone 2 Non-Sparking	Division 1 Explosion Proof	Division2	Zone 21 Flameproof	Zone 22 Non-Sparking
Group A①	Group A	N/A	N/A	-	-	-	-
Group B②	Group B	N/A	N/A	-	-	-	-
Group C	Group C	N/A	N/A	-	-	-	-
Group D	Group D	N/A	N/A	-	-	-	-
-	-	N/A	-	Group E①	-	N/A	N/A
-	-	N/A	-	Group F	Group F①	N/A	N/A
-	-	N/A	-	Group G	Group G①	N/A	N/A

- Group is not applicable to that Division or Zone, or is not defined.
① Group is not available from LEESON Electric and Lincoln Motors.
② Contact factory representative for availability.
③ Please contact your local LEESON sales office for ATEX certification

LEESON Electric and Lincoln Motors Hazardous Duty Motor Temperature Code Chart

	TEMPERATURE CODES		Division 1 Explosion Proof / Flameproof		Division 2 / Non-Sparking
			Class I Area Classification (Flammable Gases, Vapors or Mists)	Class II Area Classification* (Combustible Dusts)	Class I Area Classification (Flammable Gases, Vapors or Mists)
Temp.	UL/CSA	ATEX	Division 1/Zone 1	Division 1/Zone 21	Division 2/Zone 2
280°C	T2A	T2(280)	Explosion Proof - Class I, Group D (Group C as noted)		
260°C	T2B	T2(260)			Severe Duty & IEEE-841 @ 1.15 S.F., Class I, Groups A,B,C,D (Sine wave power)
215°C	T2D	T2(215)			
200°C	T3	T3			
165°C	T3B	T3(165)	Explosion Proof - Class I, Group D (Group C as noted), Sine wave or PWM power	Explosion Proof - Class II, Groups F & G, Sine wave or PWM power	
160°C	T3C	T3(160)			
135°C	T4	T4			

* Class II, Division 2 motors are not available from LEESON Electric and Lincoln Motors.

Division I & II ambient range is -25°C to +40°C

Guidelines for Application of General Purpose, Three Phase, Single Speed Motors on Variable Frequency Drives Meets NEMA MG1-2006 Part 30 and Part 31 Section 4.4.2 Unless stated otherwise, motor nameplates do NOT include listed speed range.

ENCLOSURE	EFFICIENCY	VARIABLE TORQUE	CONSTANT TORQUE								
		ALL FRAMES	56	143-215		254-286		324-365		404-449	
NEMA Motors		ALL POLES	ALL POLES	2-Pole	4&6 Pole	2-Pole	4&6 Pole	2-Pole	4&6 Pole	2-Pole	4&6 Pole
ODP	Standard (EPAct exempt)	10:1	2:1	2:1	2:1	Contact Engineering					
	EPAct compliant	10:1	n/a	10:1	2:1	2:1	2:1	Contact Engineering			
	NEMA Premium	10:1	n/a	2:1	10:1	10:1	10:1				
TEFC	Standard (EPAct exempt)	10:1	2:1	2:1	2:1	Contact Engineering					
	EPAct compliant	10:1	n/a	2:1	10:1	2:1	10:1	2:1	2:1	2:1	2:1
	NEMA Premium	10:1	n/a	2:1	20:1	2:1	20:1	2:1	20:1 (1)	2:1	20:1 (1)
TENV	EPAct compliant	10:1	n/a	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
	NEMA Premium	10:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Washdown TEFC	Standard (EPAct exempt)	10:1	10:1 (2)	10:1 (2)	10:1 (2)	n/a	n/a	n/a	n/a	n/a	n/a
	EPAct compliant	10:1	10:1 (2)	10:1 (2)	10:1 (2)	n/a	n/a	n/a	n/a	n/a	n/a
	NEMA Premium	10:1	10:1 (2)	10:1 (2)	10:1 (2)	n/a	n/a	n/a	n/a	n/a	n/a
Washdown TENV	Standard (EPAct exempt)	10:1	1000:1	1000:1	1000:1	n/a	n/a	n/a	n/a	n/a	n/a
	EPAct compliant	10:1	1000:1	1000:1	1000:1	n/a	n/a	n/a	n/a	n/a	n/a
	NEMA Premium	10:1	1000:1	1000:1	1000:1	n/a	n/a	n/a	n/a	n/a	n/a
Explosion Proof	all efficiency levels	Explosion Proof motors must be properly nameplated with inverter duty information prior to use on VFD. See LEESON catalog pages for specific rating capabilities. Motors with automatic overload protectors cannot be used on VFDs.									
IEC Motors		ALL FRAMES	63-90		100-225		250-315				
all Enclosures	all efficiency levels	10:1	20:1		Up to 20:1		Up to 2:1				

Note (2) - Washdown TEFC motors are rated for 10:1 C.T. 60 minute duty or 2:1 C.T. continuous duty at lowest RPM
Lincoln Rolled Steel - ODP - 280-360 Frame - 2:1 Constant Torque
280 Frame and Higher - TEFC -280-360 Frame- 2:1 Constant Torque
400 Frame and Higher - Contact Local Sales office
Stock 90 VDC and 180 VDC Motors 30:1 of rated torque

Application Notes

Bearing currents: LEESON Electric recommends that any motors used with Variable Frequency Drives be equipped with suitable means to protect the motor bearings from shaftcurrents caused by common mode voltages inherent with operation on a non-sinusoidal power supply. LEESON Electric offers several options for motors in non-classified (non-hazardous) locations, including ground brushes, insulated bearings and non-contact shaft grounding rings. For more information on ground brushes and bearing currents, see the VARIABLE SPEED OPERATION section. For installation cost and available options, see the MOD Squad section.

Restricted use: DO NOT APPLY THE FOLLOWING MOTORS ON VARIABLE FREQUENCY DRIVES:

Single Phase motors: Motors with inherent overload protection, Multi-speed motors, Motors with 1.0 service Factor on sine wave power. Fire Pump motors should not be used with variable frequency power supplies, due to the critical nature of these applications.

Hazardous locations: Consult with LEESON Electric when applying motors and drives into hazardous locations, either Division/Zone 1 or Division/Zone 2 areas. UL and CSA policies prohibit the installation of bearing protection devices, such as shaft grounding brushes, rings or insulated bearings on motors in hazardous locations.

Maximum Cable Lengths from the Motor to Drive

* Higher carrier frequencies require shorter cable length to obtain normal (50Khrs) insulation life.

Standard Motor Insulation Systems

PRODUCT DESCRIPTION	3 kHz CARRIER FREQUENCY (PHASE TO PHASE)*		
	230 VOLT	460 VOLT	575 VOLT
56-326 NEMA, 100-225 IEC Frames	600 ft.	125 ft.	40 ft.
364-5013 NEMA, 250-315 IEC Frames	1000 ft.	225 ft.	60 ft.
Motors with Corona Resistant Magnet Wire	1500 ft.	475 ft.	140 ft.
Motors with IRIS™ or Ultimate-e™ Spike Defense™	Unlimited	Unlimited	650 ft.
Form-wound low voltage motors	Unlimited	Unlimited	650 ft.

Standard Motor Insulation Systems	
IRIS™ INSULATION SYSTEM	ULTIMATE SPIKE DEFENSE™
All LEESON 3-Phase Motors 1HP and above	Lincoln Premium Efficient Motors
All LEESON Premium Efficient Motors	Lincoln Inverter Duty Motors
All LEESON Inverter Duty Motors	Lincoln CTAC® Motors

Technical Information

Application Information

VARIABLE SPEED INFORMATION

LEESON Electric and Lincoln Motors Vector-Duty and Inverter Duty motors, unless otherwise stated, are rated for continuous operation in a 40°C ambient and for altitudes up to 3300 feet (1000 meters) above sea level. Special application considerations, such as high or low ambient, intermittent ratings, high altitude, duty cycle rated, extended constant horsepower range, special base speed, voltage or frequency, or any other special requirements, should be reviewed by a factory representative.

It is the responsibility of the startup personnel during commissioning of the VFD/motor system to properly tune the drive to the motor for the specific application. The correct voltage boost and volts/hertz settings are application dependent and unique to each motor design. Procedures for these adjustments should be in your VFD user manual. Many Vector Duty and Inverter Duty motors in this catalog are equipped with thermostats; warranty coverage may be denied if they are not properly utilized.

WARNING ***Power factor correction capacitors should never be installed between the drive and the motor.***

INVERTER DUTY OR INVERTER RATED

"Inverter Duty" (often called "Inverter Rated") motors are suitable for use with Variable Frequency Drives, as long as operation is within the application guidelines published in this catalog. In general, LEESON Electric and Lincoln Motors' three phase, general purpose, NEMA Design B motors are considered "Inverter Duty", and meet or exceed the requirements of NEMA MG1, Part 30. As required under Federal law, these motors comply with EISA2007 efficiencies when operating from utility power.

Inverter Duty (Rated) motors are most often used in 10:1 speed range, variable torque or constant torque applications. A vector control is usually required for operation beyond 10:1 CT.

Additional detail regarding a specific product's capabilities is available on its catalog page, or by consulting your application engineer.

VECTOR DUTY – "Vector Duty" describes a class of motors that are used in conjunction with Open- (without encoder) or Closed-Loop (with encoder) Vector controls, that provide enhanced performance under low speed operating conditions, or in cases where torque (rather than speed) must be controlled. "Vector Duty" motors can be applied to Volts/Hertz (scalar) drives, as well.

LEESON Electric's Speedmaster® motors and Lincoln Motors' CTAC Motors, have been specifically designed for optimal operation on vector or volts/hertz controls. These motors feature a wide constant torque (up to 2000:1) and/or constant horsepower (up to 4:1) speed range and are performance-matched to all current technology IGBT drives. Vector Duty motors meet or exceed the requirements of NEMA MG1, Part 31, and are equipped with an enhanced insulation system (IRIS or Ultimate Spike Defense) to provide many years of trouble-free service. Consult the catalog page for each product's capabilities and features. As these motors are specifically designed for operation through an inverter, they are exempt from EISA2007.

VARIABLE TORQUE LOADS – Applications include fans, blowers and centrifugal pumps. Torque varies as the square of the speed, and horsepower as the cube of the speed. Operation below base speed significantly lightens the load on the motor. While most variable torque applications do not require the motor to operate below half speed, the motor is fully capable of operation to zero speed. Operation above base speed significantly adds to the load on the motor; therefore, a factory representative must review applications requiring variable torque above base speed. Refer to the application chart found on page 9 for use of general purpose three phase motors on variable frequency drives. A bypass circuit is often employed in Variable Torque applications. If this device is intended to be used, selection of a NEMA Design B motor is recommended, to withstand the inrush current during across-the-line starting.

CONSTANT TORQUE LOADS – Applications include conveyors, elevators, hoists, extruders, positive displacement pumps, mixers and converting equipment. Torque remains constant throughout the range of operation, and extra care should be taken in the proper application of motors, especially at very low speeds. Most constant torque applications don't require operation below 10:1 (i.e. 6 Hz operation on a 60 Hz motor), but an increasing number of applications historically reserved for servo and/or stepper systems are being served with motors capable of operation beyond 20:1…even up to 2000:1 (zero speed, constant torque). Refer to the application chart found on page 14 for use of general purpose three phase motors on variable frequency drives.

Applications requiring greater than 20:1 C.T. are ideal for LEESON Speedmaster® Inverter Duty/Vector Duty and Lincoln Vector Duty CTAC® motors. These motors provide full rated torque within their listed speed range, without exceeding a Class F temperature rating while under inverter power (many operate at Class B). Ratings in this catalog have been developed, based on extensive testing on IGBT inverters, set at a minimum 3 KHz (or equivalent) carrier frequency.

Vector Duty and Inverter Duty motors from LEESON Electric and Lincoln Motors are designed for operation at 150% of rated load for one minute, up to the base speed of the motor (overload capability declines to 100% as the motor reaches maximum constant HP speed). These motors accommodate constant horsepower operation to 1-1/2 to 2 times base speed, subject to the motor's maximum safe mechanical speed limit. Refer to the Maximum Safe Mechanical Speed Chart, as well as the performance section for each motor's capability.

Motors rated for zero RPM continuous duty (1000:1 or 2000:1) must be powered by vector drives to produce rated torque without overheating. Optimum zero speed and low-speed full torque performance may require a closed loop vector drive (with encoder feedback).

Continued on next page.

CONSTANT HORSEPOWER LOADS – Applications include coil winders, band saws, grinders, and turret lathes. Operation requires the motor to deliver the same horsepower rating, regardless of shaft speed. Torque increases at low speed and decreases at higher speed. Most general purpose motors can deliver constant horsepower up to 1 1/2 times base speed (consult a factory representative to verify performance). However, many constant HP applications require operation to twice base speed, and some, such as coil winders, up to 4 times base speed.

MOTOR GROUNDING - Frames and accessories of all motors must be grounded in accordance with the National Electric Code (NEC) Article 430. Refer to NEC Article 250 for general information on grounding. Proper grounding of inverter-driven motors is essential to protect personnel and livestock from inverter-sourced common mode voltages, which may reach hazardous levels on the frame of ungrounded or poorly grounded motors.

LOW INPUT VOLTAGE – If, due to lower utility supply voltage, the input voltage from the VFD to the motor is lower than the motor's rated voltage, de-rating of the motor's base frequency, horsepower, full load RPM, and constant HP RPM is required. The revised values can be calculated by multiplying by the ratio of the voltage change. For example, to operate a 460 volt motor from an inverter fed by 50 or 60 HZ, 400 volt utility power, the multiplier is 400/460 or 0.87.

The VFD can be reprogrammed to match the new base point values, allowing the motor to provide rated torque at rated current from the new base speed down to its original minimum Constant torque speed. The motor's CHP range will begin at the new base frequency and will be shortened by the same ratio as described above.

OVERSPEED CAPABILITY – Maximum safe mechanical speed capability is a function of bearing size and type, lubrication, rotor balancing technique and specifications, air gap, enclosure, frame construction and connection to the driven load. In addition, consideration must be given to ambient noise levels, as operation above base speed will increase motor noise and vibration, and reduce bearing life. Under no circumstances should bearing hub temperature exceed 100° C. Belted loads should not exceed 60 Hz operating RPM by more than 25% (NEMA "TS" shafts are not suitable for belted loads). Due to external cooling fans, TEFC (and Explosion Proof Fan Cooled) motors are limited to 4000 RPM maximum speed.

Maximum Safe Mechanical Speed Limits (ODP, TENV, DPFV OR TEBC ENCLOSURES) 60 Hz base frequency

Frame Size	2-Pole	4, 6 or 8-Pole
56-184	7200	5400
213-256	5400	4200
284-286	5400	3600
324-326	4000	3600
364-365	4000	2800
404-449	3600	2800
5000 Fr	N/A	CALL
6800 Fr	N/A	CALL

Technical Information

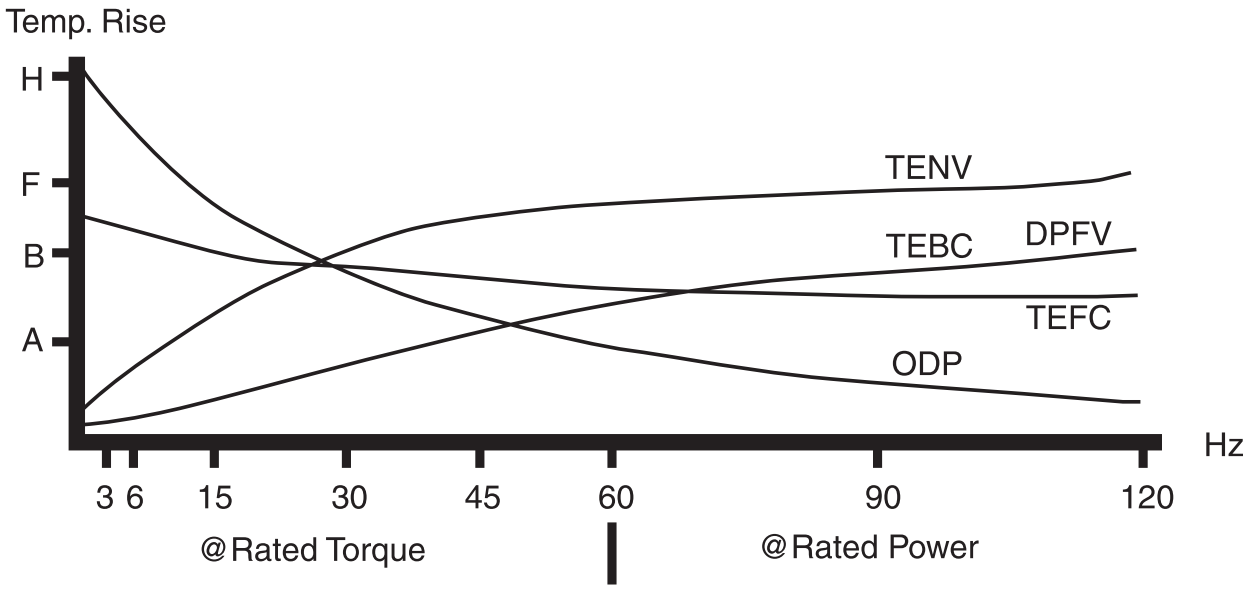
Variable Speed Operation

OTHER APPLICATION CONSIDERATIONS –

For proper selection, the following should be considered:

- Horsepower or torque requirements at various speeds.
- Desired speed range of the load and motor.
- Acceleration and deceleration rate requirements of the process being controlled.
- Starting requirements including the frequency of starting and a description of the load (reflected inertia at the motor, load torque during starting).
- Whether the application is a continuous process or duty cycle of starts, stops and speed changes.
- A general description of the type of application including the environment in which the VFD system components must operate (determines motor enclosure and/or explosion proof classification).
- Description of the available electrical power supply and wiring.
- Special performance requirements, if any.
- Whether the drive will be configured with a by-pass circuit. In case of its deployment, the motor will operate like its fixed speed counterpart and may require a NEMA B design which limits in-rush current, or selection of a larger motor starter or other protective circuitry.
- Load sharing
- Mounting and other mechanical considerations

Typical Temperature Rise Of Various Enclosures



LEESON Model Number Nomenclature

LEESON MOTOR MODEL NUMBER NOMENCLATURE

All LEESON motors, both stock and custom, have a catalog number and a model number. The model number appears on the motor's nameplate and describes pertinent electrical and mechanical features of the motor. An example follows along with a listing of the various letters and positions used.

POSITION 1: U.L. PREFIX

A = Auto protector. U.L. recognized for locked rotor plus run, also recognized construction (U.L. 1004)*.
M = Manual protector. U.L. recognized for locked rotor plus run, also recognized construction (U.L. 1004)*.
C = Component recognition. (U.L. 1004) No protector.
U = Auto protector. U.L. recognized construction (UL1004). Motor/protector combination not UL recognized.
P = Manual protector. U.L. recognized construction (UL1004). Motor/protector combination not UL recognized.
T = Thermostat, not U.L. recognized.
N = No overload protection.

*This applies only to 48, S56, and 56 frame designs through 1 HP, Open & TENV.

POSITION 2: FRAME

4 = 48 Frame
6 = 56 Frame
42 = 42 Frame
143 = 143T Frame
145 = 145T Frame
182 = 182T Frame
184 = 184T Frame
213 = 213T Frame
215 = 215T Frame
254 = 254T Frame
256 = 256T Frame
284 = 284T Frame
286 = 286T Frame
324 = 324T Frame
326 = 326T Frame
364 = 364T Frame
365 = 365T Frame
404 = 404T Frame
405 = 405 T Frame
444 = 444T Frame
447 = 447T Frame
449 = 449T Frame
24 = 24 Frame
25 = 25 Frame
30 = 30 Frame
31 = 31 Frame
32 = 32 Frame
34 = 34 Frame
38 = 38 Frame
40 = 40 Frame
43 = 43 Frame
44 = 44 Frame

POSITION 3: MOTOR TYPE

C = Cap. Start/Ind. Run
D = Direct Current
K = Cap. Start/Cap. Run
P = Permanent Split
T = Three Phase
B = Brushless DC
H = Inverter Rated/IEEE841
S = Split Phase

Odd frequencies other than 50 Hz show synchronous speed code.

DC and special motors may have one, two, or three digits indicating motor speed rounded to the nearest hundred RPM.

EXAMPLE:

Position No.	1	2	3	4	5	6	7	8
Sample Model No.	A	4	C	17	D	B	1	A

POSITION 4: RPM

RPM-Single Speed	RPM-Multi-Speed
34 = 3450 RPM 60 Hz 2 Pole	24 = 2 and 4 Poles
28 = 2850 RPM 50 Hz 2 Pole	26 = 2 and 6 Poles
17 = 1725 RPM 60 Hz 4 Pole	82 = 2 and 8 Poles
14 = 1425 RPM 50 Hz 4 Pole	212 = 2 and 12 Poles
11 = 1140 RPM 60 Hz 6 Pole	46 = 4 and 6 Poles
9 = 950 RPM 50 Hz 6 Pole	48 = 4 and 8 Poles
8 = 960 RPM 60 Hz 8 Pole	410 = 4 and 10 Poles
7 = 720 RPM 50 Hz 8 Pole	412 = 4 and 12 Poles
7 = 795 RPM 60 Hz 10 Pole	68 = 6 and 8 Poles
6 = 580 RPM 50 Hz 10 Pole	
6 = 580 RPM 60 Hz 12 Pole	

POSITION 5: ENCLOSURE

D = Drip-Proof
E = Explosion-Proof TENV
F = Fan Cooled
N = TENV
O = Open
S = Splashproof
W = Weatherproof, Severe Duty, Chemical Duty, WASHGUARD - TEFC
X = Explosion-Proof TEFC
V = Weatherproof, Severe Duty, Chemical Duty, WASHGUARD - TENV

POSITION 6: MOUNTING

B = Rigid base standard
C = "C" face - no base - NEMA
D = "D" flange - no base - NEMA
H = 48 frame - 56 frame mounting/shaft rigid
J = 48 frame - 56 frame mounting/shaft resilient
K = Rigid mount with "C" flange
M = Motor parts - rotor and stator
R = Resilient base
S = Shell motor
T = Round body
Z = Special mounting

POSITION 7: SEQUENCE NUMBER

Number assigned as required when new designs with new characteristics are needed.

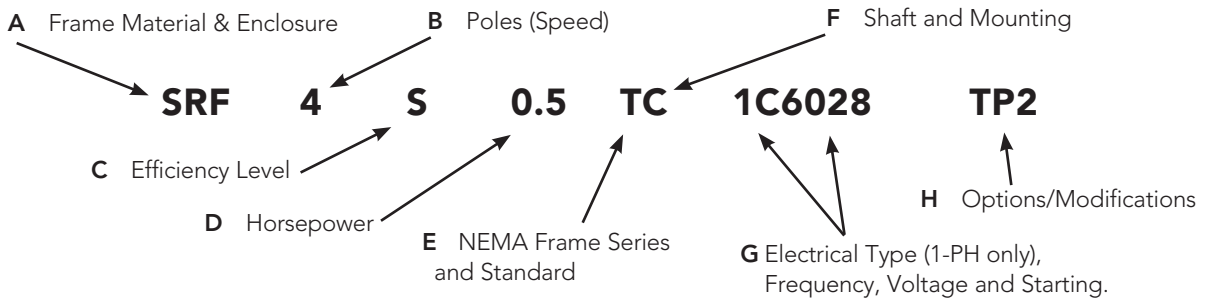
POSITION 8: MODIFICATION LETTER

Major modification letter. Used when revisions made in existing model will affect service parts.

Technical Information

Lincoln Motors Model Number Defined

A Typical Single Phase Motor Model Number



A Typical Three Phase Motor Model Number

EXAMPLE:

Position No.	A	B	C	D	E,F	G	H
Sample Three Phase Model No. **SF2P50TSC619**	SF	2	P	50	TSC	61Y	Options/Modifications
Sample One Phase Model No. **SF2P50TSC619**	SRF	4	S	0.5	TC	1C6028	

AP20 Division 2 Hazardous location Class 1, DIV2, Groups A,B,C,D

AP25 China sourced Ultimate E brand

AP26 MT2 plant sourced

CRI Crusher Duty

A Frame Material:

A, AA = Extruded aluminum
AV = Alum 63 frame
AP = Alum 71 frame
AR = lum 80 frame
C = Cast iron
M = Steel (encapsulated windings, 284T-445T frames)
S = Steel (143T-449T frames)

Signature Series Motors

SP = Steel (48 frames)
SR = Steel (56 frames)
SS = Steel (143T-215T frames)
CC = Cast iron (143T and larger)

Enclosure (follows Frame Material*):

A = TEAO
B = TEBC
D = ODP
E = ODP-Encapsulated
EW = Wash-ThruTM Motor
F = TEFC
RN = Steel TENV 48 frame
N = TENV
P = Severe Duty IEEE 841
S = Severe Duty
FW = TEFC, Washdown
FX = TE, Explosion-proof
NW = TENV, Washdown
RA = TEAO, Steel
NX = XP, TENV
YF = TEFC, Metric
PA = Steel 48 frame
PN = Steel TENV 48 frame
RN = Steel TENV 48 frame

B Number of Magnetic Poles: this leads to motor synchronous speed (rpm).

Poles	Speed 60 Hz	Speed 50 Hz
2	3600 RPM	3000 RPM
4	1800	1500
6	1200	1000
8	900	750

Single speed motors:
4 = 1800 (60 Hz) or 1500 (50 Hz)

Two speed motors:
2/4/1 = 3600 and 1800 (60 Hz), one winding
4/8/2 = 1800 and 900 (60 Hz), two windings

C Efficiency Level:

B = Exceeds NEMA MG-1 Table 12-12
G = Below NEMA MG-1 Table 12-11, GM7EQ
P = Meets EPAct, NEMA MG-1 Table 12-11 and GM-7EH.
S, H = Below NEMA MG-1 Tables 12-11 and 12-12

D Horsepower:

Single speed motor examples: 0.25, 0.5, 1.5, 75, 800

Horsepower range example: 5-7 = 5 to 7

Two speed motor example:
10/2.5 = 10 HP high speed, 2.5 HP low speed

E NEMA Frame Series and Dimensions:

T or U = sets frame number and dimensions in accordance with NEMA T or U design standards for the motor's HP, speed and enclosure.
E = Metric design IEC

F Shaft and Mounting:

AD = Auger drive
C = C-Face, B14
D = D-Flange, B5
J = Jet Pump
JM = JM Pump Mount
JP = JP Pump Mount
L = Locked bearing
N = No feet
R = Resilient mount
S = NEMA short shaft
Y = special mounting (ie. extended thru-bolts)
Z = non-standard shaft dimensions (-1, -2, -3, etc. will appear at the end of the Model Number)

Double shaft motors are identified by two symbols, the first for the "normal drive end" and the second for the "opposite normal drive end": SD4B30TTM61Y and SD4P75TSTS61Y

Each end of the double shaft can have its own mounting: MD4S125TSCTSC61 and CS6P15TTMC61Y

Mounting symbols are listed in alphabetical order when more than one is specified: SSD2S25TJMN61

G Electrical Type (Single Phase Only):

1A = permanent split capacitor
1B = capacitor start, capacitor run
1C = capacitor start, induction run
1N = split phase start, capacitor run
1S = split phase

Frequency:

6_ = 60 Hz and 5_ = 50 Hz

Voltage:

The specific number has no significance. Lincoln will assign the next number in sequence to a new, previously unmanufactured voltage when it is ordered.

Commonly used voltage codes:

60 Hz		50 Hz
61 = 230/460 V	6026 = 208-230/460	51 = 220/380 V
62 = 200/400	6027 = 115/230	52 = 240/415
63 = 208	6028 = 115/208-230	53 = 230/400
64 = 460	6029 = 208-220/440	54 = 200/400
65 = 575		55 = 380
67 = 440		56 = 400
68 = 380		57 = 415
69 = 480		58 = 440
6003 = 220/380		59 = 220/440
6004 = 220/440		5001 = 190/380
6020 = 2300		5007 = 346
6021 = 4000		5012 = 550
6024 = 2300/4000		5014 = 380-415

Reduced Voltage Start Capability:

P = Part winding start (PWS)
Y = Wye-delta start (YDS)
PY = PWS and YDS

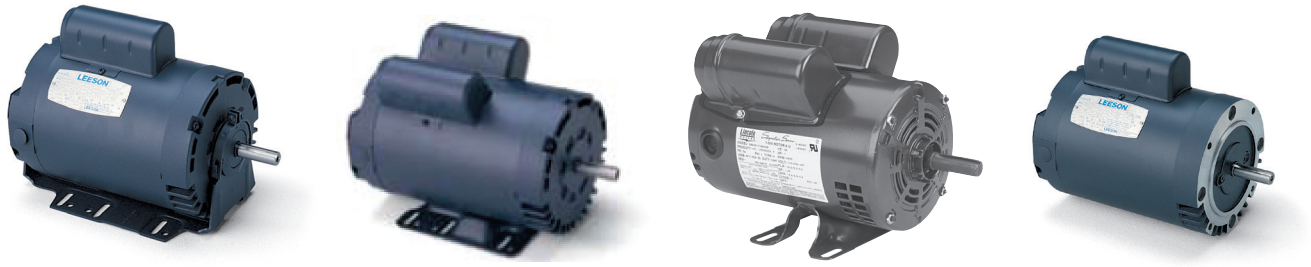
H Options/Modifications:

If a motor has more than one Option / Modification, the symbols will appear in alphabetical order.

AP1	CE Compliant Motor
AP5	Fire Pump certified
AP7	Farm Duty, High Torque
AP8	Farm Duty, Extra High Torque
AP9	Grain Stirring
AP10	PSC Variable Speed
AP11	PSC Variable Speed, expanded speed range
AP13	UL Listed Class 1 Groups C & D and Class 2 Groups F & G, thermostats
AP14	UL Listed Class 1 Groups C & D and Class 2 Groups F & G, auto reset thermal protector
AP15	UL Listed Class 1 Group D and Class 2 Groups F & G, thermostats
AP21	China Sourced
AP25	China Sourced Ultimate E
B	F-2 Mount
C_	Ceiling Mount - NEMA position follows "C"; 1-2
E3	Class H Insulation
E5	Class H Insulation & High Temperature Grease
F	Fungus Proofing (Tropicalization)
H4	Leads exit motor at 12 o'clock position
HS	Precision Dynamic Balance
HT1	Space Heater, 120V
HT2	Space Heater, 240 V
K	Omit Terminal Box
L_	Additional Lead Length - "L" followed by additional length in inches
MB3	Insulated bearings, both ends
MB6	Double sealed bearings, both ends
MK_	Brake installed on motor
Q1	VTAC® Inverter Duty Motor
Q10	CTAC® Inverter Duty Motor with provision for mounting feedback device
Q15	CTAC Inverter Duty Motor with factory installed Dynapar 625 1024 ppr encoder
Q15_	CTAC Inverter Duty Motor with factory installed encoder - letter following "Q15" represents brand and ppr rating of encoder, A through S.
Q20	CTAC Inverter Duty motor without provision for mounting feedback device
Q40	CTAC Inverter Duty Motor without provision for mounting feedback device
QS10	Crop dryer (single phase, auto reset)
QS11	Crop dryer (single phase, thermostats)
QS12	Crop dryer (three phase, thermostats)
RB	Roller bearing on drive end
T1	Thermostats, Class F, 3 in series
TD1,2	RTD - Winding, 100 Ω platinum
TD4	RTD - Winding, 10 Ω copper
TD6	RTD - Winding, 120 Ω nickel
TP1	Overload protection, manual reset
TP2	Overload protection, auto reset
TX1	Thermistors, 3 in series
W_	Wall Mount - W followed by NEMA position number, 1-8
X_	Paint color deviation

Single Phase ODP Motors

Single Phase Motors – General Purpose – Drip-Proof – 115/208-230V
Rigid Mount – 1/12 HP – 10 HP – Frame sizes - 42 – 215T
C Face Mount – 1/6 HP – 10 HP – Frame sizes 48 – 215TC
Resilient Base Mount – ¼ HP – 2 HP – Frame sizes – 48 – 56



- Durable rolled steel construction
- NEMA design B performance
- Meets or exceeds NEMA service factors
- Double shielded ball bearings
- Continuous duty
- Thermally protected ratings
- UL recognized component listing and CSA certified
- 1-year warranty on general purpose motors
- 3-year warranty on Premium efficient motors

Applications:

- For use where water and dust exposure is minimal. Ideally suited for use on pumps, compressors, blowers, fans and other standard industrial applications

Single Phase – Drip-Proof – Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	48	101423.00	√	384	M4C17DB33	16	115/208-230	Man.	2.7	1.35	8.87	S, MX
	1800	48	100115.00	√	318	A4C17DB1	16	115/208-230	Auto.	2.7	1.35	8.87	S, MX
	1800	S56	100000.00	√	363	A4C17DH1	17	115/208-230	Auto.	2.7	1.35	9.24	S, MX
	1800	S56	LM24457	D	376	SPD4S0.25T1C6028	17	115/208-230	None	2.5	1.35	9.84	S, MX
1/3	3600	S56	100336.00	D	297	C4C34DH11	26	115/208-230	None	2.8	1.35	8.99	S, MX
	3600	S56	E100336.00	√	381	C4K34DH6	29	115/208-230	None	1.5	1.35	10.09	S, MX, 53
	1800	48	100116.00	√	363	A4C17DB2	17	115/208-230	Auto.	3.3	1.35	8.87	S, MX
	1800	S56	100006.00	D	377	C4C17DH7	18	115/208-230	None	3.3	1.35	9.24	S, MX
	1800	S56	E100006.00	√	485	C4K17DH5	19	115/208-230	None	1.9	1.35	10.97	S, MX, 53
	1800	S56	LM24570	D	393	SRD4S0.33TICC6028	18	115/208-230	None	3.2	1.35	9.24	S, MX
	1800	S56	100588.00	D	430	M4C17DH46	18	115/208-230	Man.	3.3	1.35	9.24	S, MX
	1800	S56	LM24550	√	447	SRD4S0.33T1C6028TP1	18	115/208-230	Man.	3.2	1.35	10.22	S, MX
	1800	S56	100001.00	√	428	A4C17DH2	18	115/208-230	Auto.	3.3	1.35	9.24	S, MX
	1200	56	110001.00	D	541	C6C11DB1	29	115/208-230	None	3.9	1.35	10.88	S, US
	1200	56	E110001.00	√	659	C4K11DH1	32	115/208-230	None	1.7	1.35	11.38	S, MX, 53
1/2	3600	48	100184.00	D	328	C4C34DB1	19	115/208-230	None	3.4	1.25	9.62	S, MX
	3600	48	E100184.00	√	410	4K34DB1	29	115/208-230	None	2.2	1.25	10.59	S, MX, 53
	3600	48	LM24465	D	341	SPD2S0.5T1C6028	18	115/208-230	None	4.4	1.25	10.34	S, MX
	3600	S56	100337.00	√	328	C4C34DH12	20	115/208-230	None	3.4	1.25	9.99	S, MX
	3600	S56	E100337.00	√	421	C4K34DH5	21	115/208-230	None	2.2	1.25	10.97	S, MX, 53
	3600	S56	100052.00	√	355	M4C34DH2	21	115/208-230	Man.	3.4	1.25	9.99	S, MX
	1800	48	100338.00	D	458	C4C17DB12	20	115/208-230	None	4.4	1.25	9.62	S, MX
	1800	48	E100338.00	√	532	C4K17DB5	30	115/208-230	None	2.3	1.25	11.06	S, MX, 53
	1800	S56	100007.00	√	414	C4C17DH8	21	115/208-230	None	4.4	1.25	9.99	S, MX
	1800	S56	E100007.00	√	532	C4K17DH6	30	115/208-230	None	2.3	1.25	11.47	S, MX, 53
	1800	S56	LM24551	D	432	SRD4S0.5T1C6028	22	115/208-230	None	4.3	1.25	11.72	S, MX
	1800	S56	100004.00	√	507	M4C17DH5	21	115/208-230	Man.	4.4	1.25	9.99	S, MX
	1800	S56	100002.00	√	482	A4C17DH3	20	115/208-230	Auto.	4.4	1.25	9.99	S, MX
	1800	S56	LM24552	D	505	SRD4S0.5T1C6028TP2	22	115/208-230	Auto.	4.3	1.25	11.72	S, MX
	1200	56	110002.00	D	817	C6C11DB2	32	115/208-230	None	5.0	1.25	11.38	S, US
	1200	56	E110002.00	√	997	C6K11DB5	33	115/208-230	None		1.25		S, MX, 53
3/4	3600	S56	100340.00	D	400	C4C34DH13	24	115/208-230	None	4.9	1.25	10.49	S, MX
	3600	S56	E100340.00	√	503	C4K34DH4	31	115/208-230	None	3.6	1.25	11.47	S, MX, 53
	3600	S56	LM24674	D	419	SRD2S0.75T1C6028	21	115/208-230	None	4.8	1.25	10.97	S, MX
	3600	S56	100053.00	√	447	M4C34DH3	24	115/208-230	Man.	4.9	1.25	10.49	S, MX
	1800	S56	100008.00	D	511	C4C17DH9	26	115/208-230	None	5.4	1.25	10.99	S, MX
	1800	56	E119348.00	√	614	C6K17DB51	27	115/208-230	None	3.3	1.25	11.13	S, MX, 53
	1800	S56	LM24502	D	534	SED4S0.75T1B6028	26	115/208-230	None	5.5	1.25	11.47	S, MX
	1800	S56	100005.00	√	605	M4C17DH6	25	115/208-230	Man.	5.4	1.25	10.99	S, MX
	1800	S56	LM24504	D	669	SRD4S0.75T1B6028TP1	18	115/208-230	Man.	5.5	1.25	11.47	S, MX
	1800	S56	101544.00	C/A	646	M4K17DH2	28	115/208-230	Man.	4.0	1.25	11.24	S, MX
	1800	S56	100003.00	√	589	A4C17DH4	25	115/208-230	Auto.	5.4	1.25	10.99	S, MX
	1800	S56	LM24503	D	616	SRD4S0.75T1B6028TP2	25	115/208-230	Auto.	5.5	1.25	11.47	S, MX
	1200	56H	110003.00	D	921	C6C11DB3	44	115/208-230	None	6.4	1.15	12.88	S, US
	1200	56H	E110003.00	√	1040	C6K11DB6	45	115/208-230	None		1.15		S, US, 53

Green items are Premium Efficient
"E" prefix items comply with SMR 2015

* F.L. Amps at 208V
▼ LM Numbers are Lincoln Models
D - Item to be discontinued once inventory is depleted
C/A - Check Availability
Specifications are subject to change without notice
♥ Note listing on inside back flap

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

Continued on next page

View On-line Technical Information

Single Phase ODP Motors

ecoSaver™

Capacitor Start – General Purpose

Single Phase – Drip-Proof – Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1	3600	56	110360.00	D	421	C6C34DB19	28	115/208-230	None	6.0	1.25	10.84	S, US
	3600	56	E110360.00	√	541	C6K34DB31	29	115/208-230	None		1.25		S, US, 53
	3600	56	110097.00	√	462	M6C34DB3	28	115/208-230	Man.	6.0	1.25	10.84	S, US
	1800	56	110004.00	D	557	C6C17DB2	28	115/208-230	None	6.4	1.15	10.88	S, US
	1800	56	E110004.00	√	706	C6K17DB52	29	115/208-230	None	4.2	1.15	12.38	S, US, 53
	1800	56	LM24580	D	582	SRD4SITIC6028TP1	20	115/208-230	None	6.7	1.15	11.44	S, MX
	1800	56	110167.00	√	654	M6C17DB7	30	115/208-230	Man.	6.4	1.15	10.88	S, US
	1800	56	LM24582	D	684	SRD4S1T1C6028TP1	29	115/208-230	Man.	6.7	1.15	11.44	S, MX
	1800	56	113630.00	√	701	M6K17DB33	31	115/208-230	Man.	5.3	1.15	10.88	S, US, 53
	1800	56	110000.00	√	630	A6C17DB1	28	115/208-230	Auto.	6.4	1.15	10.88	S, US
	1800	143T	120044.00	√	622	C143C17DB3	38	115/208-230	None	6.4	1.15	11.13	S, US
	1800	143T	120003.00	√	654	M143C17DB2	33	115/208-230	Man.	6.4	1.15	11.13	S, US
	1800	143T	120000.00	√	653	A143C17DB1	32	115/208-230	Auto.	6.4	1.15	11.13	S, US
1 1/2	3600	56	110361.00	D	596	C6C34DB20	29	115/208-230	None	8.2	1.15	10.84	S, US
	3600	56	E110361.00	√	754	C6K34DB32	30	115/208-230	None		1.15		S, US, 53
	3600	56	110110.00	√	605	M6C34DB4	28	115/208-230	Man.	8.2	1.15	10.84	S, US
	3600	56	113631.00	√	613	M6K34DB15	36	115/208-230	Man.	6.2	1.15	11.34	S, US, 53
	3600	143T	120107.00	C/A	596	C143C34DB1	32	115/208-230	None	8.2	1.15	11.28	S, US
	1800	56H	110005.00	D	724	C6K17DB1	37	115/208-230	None	8.6	1.15	11.84	S, US, 53
	1800	56H	E110005.00	√	916	C6K17DB53	38	115/208-230	None	6.5	1.15	13.28	S, US, 53
	1800	56H	LM24583	D	758	SRD4S1.5T1C6028	40	115/208-230	None	9.0	1.15	12.44	S, MX
	1800	56H	110006.00	√	789	P6K17DB2	38	115/208-230	Man.	8.6	1.15	11.84	S, US, 53
	1800	56H	113266.00	√	817	M6K17DB30	42	115/208-230	Man.	6.7	1.15	12.38	S, US, 53
	1800	145T	120042.00	√	687	C145K17DB5	38	115/208-230	None	8.6	1.15	12.28	S, US, 53
	1800	145T	LM24687	√	721	SSD4S1.5T1C6028	41	115/208-230	None	9.0	1.15	12.44	S, MX
	1800	145T	120004.00	√	873	P145K17DB3	40	115/208-230	Man.	8.6	1.15	12.28	S, US, 53
	1800	145T	120001.00	√	873	U145K17DB1	40	115/208-230	Auto.	8.6	1.15	12.28	S, US, 53
2	3600	56	110363.00	D	789	C6C34DB22	37	115/208-230	None	10.0	1.15	11.84	S, US
	3600	56	E110363.00	√	989	C6K34DB33	38	115/208-230	None		1.15		S, US, 53
	3600	56	110362.00	D	822	P6C34DB21	38	115/208-230	Man.	10.0	1.15	12.34	S, US
	3600	56	113632.00	√	828	P6K34DB16	38	115/208-230	Man.	8.6	1.15	11.34	S, US, 53
	3600	145T	120106.00	√	849	C145C34DB3	40	115/208-230	None	10.0	1.15	12.28	S, US
	1800	56H	116704.00	√	873	P6K17DB47	45	115/208-203	Man.	8.6	1.15	12.88	S, US, 53
	1800	145T	120067.00	√	820	C145K17DB9	42	115/230	None	10.5	1.15	13.28	S, US, 53
	1800	145T	LM24677	√	858	SSD4S2T1B6028	49	115/208-230	None	10.5	1.15	13.49	S, MX, 53
	1800	145T	120879.00	√	918	P145K17DB38	51	115/208-230	Man.	8.6	1.15	13.31	S, US, 53
	1800	182T	131515.00	√	849	C182C17DB8	56	115/208-230	None	12.4	1.15	13.19	S, MX
	1800	182T	131536.00	√	909	P182C17DB10	63	115/208-230	Man.	12.4	1.15	13.19	S, MX
	1800	182T	131535.00	√	904	U182C17DB9	63	115/208-230	Auto.	12.4	1.15	13.19	S, MX

Green items are Premium Efficient
"E" prefix items comply with SMR 2015
* F.L. Amps at 208V
▼ LM Numbers are Lincoln Models
D - Item to be discontinued once inventory is depleted
C/A - Check Availability
Specifications are subject to change without notice

Continued on next page

♥ Note listing on inside back flap

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

View On-line Technical Information

LEESON®

Single Phase – Drip-Proof – Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3	3600	56H	116706.00	√	880	M6C34DB75	39	230	Man.	15.0	1.00	12.38	S, US
	3600	182T	131636.00	√	977	C182K34DB3	74	115/208-230	None	14.0	1.15	14.18	S, MX, 53
	1800	184T	131534.00	√	919	C184C17DB19	69	115/230	None	16.9	1.15	14.19	S, MX
	1800	184T	131561.00	√	1087	P184C17DB21	76	115/230	Man.	16.9	1.15	14.19	S, MX
	1800	184T	131851.00	C/A	1086	C184K17D0B40	72	208-230	Man.	13.7	1.15	15.22	S, MX, 53
	1800	184T	131530.00	√	1087	U184C17DB20	69	115/230	Auto.	16.9	1.15	14.19	S, MX
5	3600	56H	116708.00	√	900	P6K34DB26	45	230	Man.	20.8	1.00	13.34	S, US, 53
	3600	184T	131616.00	√	1162	C184K34DB3	84	208-230	None	22.0	1.15	14.69	S, MX, 53
	3600	184T	LM24681	C/A	1191	SS184D2S5T1C6008	78	208-230	None	24.0	1.15	14.72	S, MX, 53
	1800	184T	131537.00	√	1103	C184K17DB31	83	208-230	None	21.0	1.15	14.69	S, MX, 53
	1800	184T	LM24682	√	1127	SSD4S5T1B6008	87	208-230	None	21.0	1.15	15.72	S, MX, 53
	1800	184T	131560.00	√	1103	C184K17DB32	82	208	None	23.2*	1.15	14.69	S, MX, 53
	1800	184T	131622.00	√	1319	P184K17DB33	82	208-230	Man.	21.0	1.15	14.69	S, MX, 53
7 1/2	3600	184T	132044.00	√	1062	C184K34DB8	110	208-230	Tstat	31.0	1.15	16.69	S, MX, 53
	3600	213T	140680.00	√	1794	C213K34DB1	112	208-230	None	29.5	1.15	16.55	S, MX, 53
	1800	215T	140155.00	√	1566	C215K17DB2	113	230	None	36.0	1.15	17.26	S, MX, 53
	1800	215T	LM24683	√	1652	SS15D4S7.5T1B6008	118	208-230	None	34.5	1.15	18.05	S, MX, 53
10	3600	215T	140681.00	√	2268	C215K34DB1	135	208-230	None	37.0	1.15	18.05	S, MX, 53
	1800	215TZ	140311.00	√	2289	C215K17DB4	140	230	None	43.0	1.25	19.76	S, MX, 53
	1800	215	LM24684	√	2345	SSD4S10T1B6008	140	208-230	None	44.0	1.15	19.29	S, MX, 53

* F.L. Amps at 208V
▼ LM Numbers are Lincoln Models
C/A - Check Availability
Specifications are subject to change without notice
♥ Note listing on inside back flap

View On-line Technical Information

Single Phase - C Face Motors

ecoSaver

Drip-Proof - Capacitor Start

General Purpose - C Face Less Base

Single Phase - Drip-Proof - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	S56C	100023.00	D	355	C4C17DC7	17	115/208-230	None	2.7	1.35	9.24	S, MX
	1800	S56C	E100023.00	√	457	C4K17DC13	18	115/208-230	None	1.2	1.35	10.69	S, MX, 53
	1800	S56C	101521.00	√	385	A4C17DC79	17	115/208-230	Auto.	2.7	1.35	9.24	S, MX
1/3	3600	S56C	100354.00	D	311	C4C34DC11	17	115/208-230	None	2.8	1.35	8.99	S, MX
	3600	S56C	E100354.00	√	401	C4K34DC4	29	115/208-230	None	1.5	1.35	10.09	S, MX, 53
	3600	S56C	100355.00	√	328	A4C34DC12	17	115/208-230	Auto.	2.8	1.35	8.99	S, MX
	1800	S56C	100024.00	D	413	C4C17DC8	17	115/208-230	None	3.3	1.35	9.24	S, MX
	1800	S56C	E100024.00	√	531	C4K17DC12	19	115/208-230	None	1.9	1.35	10.97	S, MX, 53
	1800	S56C	LM24571	D	428	SRD4S0.33TLCN1C6028	17	115/208-230	None	3.2	1.35	10.69	S, MX
	1800	S56C	LM34059	√	550	SRD4B0.33TLCN1C6028	19	115/208-230	None	1.9	1.35	10.97	S, MX, 53
	1800	S56C	100018.00	√	446	M4C17DC2	18	115/208-230	Man.	3.3	1.35	9.24	S, MX
	1800	S56C	101522.00	√	435	A4C17DC81	17	115/208-230	Auto.	3.3	1.35	9.24	S, MX
1/2	3600	S56C	100356.00	D	328	C4C34DC13	19	115/208-230	None	3.4	1.25	9.99	S, MX
	3600	S56C	E100356.00	√	436	C4K34DC3	29	115/208-230	None	2.2	1.25	10.97	S, MX, 53
	3600	S56C	100054.00	√	353	A4C34DC1	18	115/208-230	Auto.	3.4	1.25	9.99	S, MX
	1800	S56C	100025.00	D	467	C4C17DC9	19	115/208-230	None	4.4	1.25	9.99	S, MX
	1800	S56C	E100025.00	√	549	C4K17DC14	30	115/208-230	None	2.3	1.25	11.47	S, MX, 53
	1800	S56C	100019.00	√	504	M4C17DC3	21	115/208-230	Man.	4.4	1.25	9.99	S, MX
	1800	S56C	100020.00	√	493	A4C17DC4	20	115/208-230	Auto.	4.4	1.25	9.99	S, MX
	1200	56C	110381.00	D	850	C6C11DC2	32	115/208-230	None	5.0	1.25	11.38	S, US
	1200	56C	E110381.00	√	1,019	C6K11DC5	33	115/208-230	None		1.25		S, US, 53
3/4	3600	S56C	100357.00	D	422	C4C34DC14	24	115/208-230	None	4.9	1.25	10.49	S, MX
	3600	S56C	E100357.00	√	532	C4K34DC5	31	115/208-230	None	3.6	1.25	11.47	S, MX, 53
	3600	S56C	100055.00	√	462	A4C34DC2	24	115/208-230	Auto.	4.9	1.25	10.49	S, MX
	1800	S56C	100026.00	D	565	C4C17DC10	24	115/208-230	None	5.4	1.25	10.99	S, MX
	1800	56C	E119349.00	√	635	C6K17DC50	25	115/208-230	None	3.3	1.25	12.88	S, MX
	1800	S56C	LM24505	D	592	SRD4S0.75TLCN1B6028	25	115/208-230	None	5.5	1.25	11.72	S, MX, 53
	1800	S56C	100021.00	√	608	M4C17DC5	24	115/208-230	Man.	5.4	1.25	10.99	S, MX
	1800	S56C	101523.00	√	603	A4C17DC80	26	115/208-230	Auto.	5.4	1.25	10.99	S, MX
	1200	56C	110382.00	D	946	C6C11DC3	46	115/208-230	None	6.4	1.15	12.88	S, US
	1200	56C	E110382.00	√	1,096	C6K11DC6	47	115/208-230	None		1.15		S, US, 53
1	3600	56C	110384.00	D	451	C6C34DC24	28	115/208-230	None	6.0	1.25	10.88	S, US
	3600	56C	E110384.00	√	579	C6K34DC25	29	115/208-230	None		1.25		S, US, 53
	3600	56C	113337.00	C/A	504	A6C34DC53	28	115/208-230	Auto.	6.0	1.25	10.84	S, US
	1800	56C	110220.00	D	600	C6C17DC3	30	115/208-230	None	6.4	1.15	10.88	S, US
	1800	56C	E110220.00	√	714	C6K17DC51	31	115/208-230	None	4.2	1.15	12.88	S, US, 53
	1800	56C	110036.00	√	632	M6C17DC1	27	115/208-230	Man.	6.4	1.15	10.88	S, US
	1800	143TC	121002.00	√	648	C143C17DC2	31	115/208-230	None	6.4	1.15	11.28	S, US

Continued on next page

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

♥ Note listing on inside back flap

View On-line Technical Information

Green items are Premium Efficient "E" prefix items comply with SMR 2015

▼ LM Numbers are Lincoln Models

D - Item to be discontinued once inventory is depleted

C/A - Check Availability

Specifications are subject to change without notice

LEESON

Single Phase - Drip-Proof - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1 1/2	3600	56C	110387.00	D	621	C6C34DC26	28	115/208-230	None	8.2	1.15	10.84	S, US
	3600	56C	E110387.00	√	786	C6K34DC26	29	115/208-230	None		1.15		S, US, 53
	3600	56C	113336.00	√	658	A6C34DC52	28	115/208-230	Auto.	8.2	1.15	10.84	S, US
	1800	56C	110388.00	D	724	C6K17DC4	38	115/208-230	None	8.6	1.15	11.84	S, US, 53
	1800	56C	E110388.00	√	919	C6K17DC52	39	115/208-230	None	6.5	1.15	13.34	S, US, 53
	1800	56C	110037.00	√	760	P6K17DC1	39	115/208-230	Man.	8.6	1.15	11.84	S, US, 53
2	3600	56C	110390.00	D	814	C6C34DC28	37	115/208-230	None	10.0	1.15	11.84	S, US
	3600	56C	E110390.00	√	1,014	C6K34DC27	38	115/208-230	None		1.15		S, US, 53
	3600	56C	113335.00	√	850	U6C34DC51	36	115/208-230	Auto.	10.0	1.15	11.84	S, US
	3600	145TC	121184.00	C/A	829	C145C34DC4	37	115/208-230	None	10.0	1.15	12.28	S, US
	1800	56C	LM24507	√	853	SRD4S2TLCN1B6028	48	115/208-230	None	10.5	1.15	13.44	S, MX, 53
	1800	56C	LM34060	√	1,101	SRD4B2TLCN1B6028	49	115/208-230	None		1.15		S, MX, 53
	1800	145TC	120073.00	√	822	C145K17DC4	49	115/208-230	None	10.5	1.15	13.28	S, US, 53
3	3600	56C	113334.00	√	866	P6C34DC50	36	230	Auto.	15.0	1.00	11.84	S, US
	1800	184TC	131544.00	√	956	C184C17DC5	73	115/208-230	None	16.9	1.15	14.19	S, MX
5	3600	184TC	131777.00	√	1,280	C184K34DC2	70	208-230	None	22.2	1.15	14.69	S, MX, 53
	1800	184TC	131539.00	√	1,331	C184K17DC6	81	230	None	21.0	1.15	14.69	S, MX, 53

Green items are Premium Efficient
"E" prefix items comply with SMR 2015

▼ LM Numbers are Lincoln Models
D - Item to be discontinued once inventory is depleted
C/A - Check Availability
Specifications are subject to change without notice
♥ Note listing on inside back flap

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

View On-line Technical Information

Single Phase - C Face Motors

ecoSaver

Drip-Proof - Capacitor Start

Single Phase - Drip-Proof - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	S56C	103023.00	D	423	C4C17DK32	18	115/208-230	None	3.3	1.35	9.24	S, MX
	1800	S56C	E103023.00	√	530	C4K17DK2	19	115/208-230	None	1.9	1.35	10.97	S, MX, 53
	1800	S56C	103083.00	√	423	M4C17DK37	18	115/208-230	Man.	3.3	1.35	9.24	S, MX
1/2	3600	S56C	103024.00	D	384	C4C34DK10	20	115/208-230	None	3.4	1.25	9.99	S, MX
	3600	S56C	E103024.00	√	442	C4K34DK3	29	115/208-230	None	2.2	1.25	10.97	S, MX, 53
	1800	S56C	101651.00	D	511	C4C17DK18	21	115/208-230	None	4.4	1.25	9.99	S, MX
	1800	S56C	E101651.00	√	569	C4K17DK5	30	115/208-230	None	2.3	1.25	11.47	S, MX, 53
	1800	S56C	103084.00	√	511	M4C17DK38	21	115/208-230	Man.	4.4	1.25	9.99	S, MX
3/4	3600	S56C	103025.00	D	451	C4C34DK11	24	115/208-230	None	4.9	1.25	10.49	S, MX
	3600	S56C	E103025.00	√	534	C4K34DK4	29	115/208-230	None	2.2	1.25	10.97	S, MX, 53
	1800	56C	101650.00	D	592	C4C17DK19	27	115/208-230	None	5.4	1.25	10.99	S, MX
	1800	56C	E119350.00	√	632	C6K17DK44	28	115/208-230	None		1.25		S, MX, 53
	1800	S56C	103086.00	√	592	M4C17DK39	27	115/208-230	Man.	5.4	1.25	10.99	S, MX
1	3600	56C	116769.00	D	478	C6C34DK6	28	115/208-230	None	6.0	1.25	10.84	S, US
	3600	56C	E116769.00	√	581	C6K34DK23	29	115/208-230	None		1.25		S, US, 53
	1800	56C	113930.00	D	677	C6C17DK11	34	115/208-230	None	6.4	1.15	10.88	S, US
	1800	56C	E113930.00	√	725	C6K17DK45	35	115/208-230	None	4.2	1.15	12.88	S, MX, 53
1 1/2	3600	56C	116770.00	D	642	C6K34DK19	35	115/208-230	None	6.2	1.15	11.34	S, US, 53
	3600	56C	E116770.00	C/A	785	C6K34DK24	36	115/208-230	None		1.15		S, US, 53
	3600	56C	114214.00	√	653	M6K34DK8	35	115/208-230	Man.	6.2	1.15	11.34	S, US, 53
	1800	56HC	113932.00	D	730	C6K17DK16	39	115/208-230	None	8.6	1.15	11.84	S, US, 53
	1800	56HC	E113932.00	√	900	C6K17DK46	40	115/208-230	None	6.5	1.15	13.34	S, US, 53
	1800	56HC	113700.00	√	863	M6K17DK15	38	115/208-230	Man.	7.2	1.15	11.84	S, US, 53
2	3600	56C	116771.00	√	816	C6K34DK20	35	115/208-230	None	8.6	1.15	11.34	S, US, 53
	3600	56C	E116771.00	√	996	C6K34DK25	36	115/208-230	None		1.15		S, US, 53
	3600	56C	114215.00	D	829	P6K34DK9	35	115/208-230	Man.	8.6	1.15	11.34	S, US, 53
	1800	56HC	113281.00	√	893	P6K17DK12	45	115/208-230	Man.	8.6	1.15	12.88	S, US, 53
	1800	145TC	120992.00	√	781	C145K17DK7	45	115/230	None	10.5	1.15	13.28	S, US, 53
3	3600	56HC	116707.00	√	905	M6C34DK5	41	230	Man.	15.0	1.00	12.38	S, US
	3600	182TC	132083.00	C/A	1,019	C182K34DK2	74	115/208-230	None	14.0	1.15	14.18	S, MX, 53
	1800	184TC	131629.00	√	1,087	P184C17DK3	70	115/208-230	Man.	16.9	1.15	14.19	S, MX
	1800	184TC	131853.00	√	1,086	C184K17DK18	87	208-230	Man.	15.4	1.15	15.96	S, MX, 53
5	3600	56HC	116709.00	√	926	P6K34DK18	46	230	Man.	20.8	1.00	13.34	S, US, 53
	3600	184TC	131781.00	√	1,285	C184K34DK4	70	208-230	None	22.2	1.15	14.19	S, MX, 53
	1800	184TC	131630.00	√	1,335	M184K17DK13	77	208-230	Man.	21.0	1.15	14.69	S, MX, 53
7 1/2	3600	184TC	132043.00	√	1,332	C184K34DK8	112	208-230	T-stats	31.0	1.15	16.69	S, MX, 53
	1800	215TC	140806.00	√	1,372	C215K17DB5	120	208-230	None	36.0	1.15	17.26	S, MX, 53

♥ Note listing on inside back flap

Green items are Premium Efficient
"E" prefix items comply with SMR 2015
C/A - Check Availability
D - Item to be discontinued once inventory is depleted
Specifications are subject to change without notice

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

View On-line Technical Information

NEW

Single Phase ODP Motors

ecoSaver™

Capacitor Start / Capacitor Run – General Purpose
Rigid Base – C Face Less Base – C Face With Base
Premium Efficient

Motors for Small Motor Rule (SMR) 2015

- These motors comply with the DOE Small Motor Rule 2010
- This rule takes effect on March 9, 2015

Single Phase – Drip-Proof – Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥ Notes
1/3	3600	S56	E100336.00	√	381	C4K34DH6	29	115/208-230	None	1.5	69.5	1.35	10.09	S, MX, 53
	1800	S56	E100006.00	√	485	C4K17DH5	19	115/208-230	None	1.9	73.4	1.35	10.97	S, MX, 53
	1200	56	E110001.00	√	659	C4K11DH1	32	115/208-230	None		71.4	1.35		S, US, 53
1/2	3600	48	E100184.00	√	410	C4K34DB1	29	115/208-230	None	2.2	73.4	1.25	10.59	S, MX, 53
	3600	S56	E100337.00	√	421	C4K34DH5	29	115/208-230	None	2.2	73.4	1.25	10.97	S, MX, 53
	1800	48	E100338.00	√	532	C4K17DB5	30	115/208-230	None	2.3	78.4	1.25	11.06	S, MX, 53
	1800	S56	E100007.00	√	532	C4K17DH6	30	115/208-230	None	2.3	78.4	1.25	11.47	S, MX, 53
	1200	56	E110002.00	√	997	C6K11DB5	33	115/208-230	None		75.3	1.25		S, US, 53
3/4	3600	S56	E100340.00	√	503	C4K34DH4	31	115/208-230	None	3.6	76.8	1.25	11.47	S, MX, 53
	1800	56	E119348.00	√	614	C6K17DB51	27	115/208-230	None		81.1	1.25		S, MX, 53
	1200	56H	E110003.00	√	1040	C6K11DB6	45	115/208-230	None		81.7	1.15		S, US, 53
1	3600	56	E110360.00	√	541	C6K34DB31	29	115/208-230	None		77.0	1.25		S, US, 53
	1800	56	E110004.00	√	706	C6K17DB52	29	115/208-230	None	4.2	83.5	1.15	12.88	S, US, 53
1 1/2	3600	56	E110361.00	√	754	C6K34DB32	30	115/208-230	None		84.0	1.15		S, US, 53
	1800	56H	E110005.00	√	916	C6K17DB53	38	115/208-230	None	6.5	86.5	1.15	13.34	S, US, 53
2	3600	56	E110363.00	√	989	C6K34DB33	38	115/208-230	None		85.5	1.15		S, US, 53

Green items are Premium Efficient
"E" prefix items comply with SMR 2015

Specifications are subject to change without notice

♥ Note listing on inside back flap

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

View On-line Technical Information

Single Phase ODP Motors

ecoSaver

Capacitor Start / Capacitor Run – General Purpose
Rigid Base – C Face Less Base – C Face With Base
Premium Efficient

NEW

Single Phase – Drip-Proof – C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥ Notes
1/4	1800	S56C	E100023.00	√	457	C4K17DC13	18	115/208-230	None	1.2	69.5	1.35	10.69	S, MX, 53
1/3	3600	S56C	E100354.00	√	401	C4K34DC4	29	115/208-230	None	1.5	69.5	1.35	10.09	S, MX, 53
	1800	S56C	E100024.00	√	531	C4K17DC12	19	115/208-230	None	1.9	73.4	1.35	10.97	S, MX, 53
	1800	S56C	LM34059	√	550	SRD4B0.33TLCN1C6028	18	115/208-230	None		73.4	1.35		S, MX, 53
1/2	3600	S56C	E100356.00	√	436	C4K34DC3	29	115/208-230	None	2.2	73.4	1.25	10.59	S, MX, 53
	1800	S56C	E100025.00	√	549	C4K17DC14	30	115/208-230	None	2.3	78.2	1.25	11.47	S, MX, 53
	1200	56C	E110381.00	√	1,019	C6K11DC5	33	115/208-230	None		75.3	1.25		S, MX, 53
3/4	3600	S56C	E100357.00	√	532	C4K34DC5	31	115/208-230	None	3.6	76.8	1.25	11.47	S, MX, 53
	1800	56C	E119349.00	√	635	C6K17DC50	25	115/208-230	None		81.1	1.25		S, MX, 53
	1200	56C	E110382.00	√	1,096	C6K11DC6	47	115/208-230	None		81.7	1.15		S, US, 53
1	3600	56C	E110384.00	√	579	C6K34DC25	29	115/208-230	None		77.0	1.25		S, US, 53
	1800	56C	E110220.00	√	714	C6K17DC51	31	115/208-230	None	4.2	83.5	1.15	12.88	S, US, 53
1 1/2	3600	56C	E110387.00	√	786	C6K34DC26	29	115/208-230	None		84.0	1.15		S, US, 53
	1800	56C	E110388.00	√	919	C6K17DC52	39	115/208-230	None	6.5	86.5	1.15	13.34	S, US, 53
2	3600	56C	E110390.00	√	1,014	C6K34DC27	38	115/208-230	None		85.5	1.15		S, US, 53
	1800	56C	LM34060	√	1,101	SRD4B2TLCN1B6028	49	115/208-230	None		86.5	1.15		S, MX, 53

Green items are Premium Efficient

Specifications are subject to change without notice

♥ Note listing on inside back flap

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

Single Phase – Drip-Proof – C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥ Notes
1/3	1800	S56C	E103023.00	√	530	C4K17DK2	19	115/208-230	None	1.9	73.4	1.35	10.97	S, MX, 53
1/2	3600	S56C	E103024.00	√	442	C4K34DK3	29	115/208-230	None	2.2	73.4	1.25	10.59	S, MX, 53
	1800	S56C	E101651.00	√	569	C4K17DK5	30	115/208-230	None	2.3	78.2	1.25	11.47	S, MX, 53
3/4	3600	S56C	E103025.00	√	534	C4K34DK4	31	115/208-230	None	3.6	76.8	1.25	11.47	S, MX, 53
	1800	56C	E119350.00	√	632	C6K17DK44	28	115/208-230	None		81.1	1.25		S, MX, 53
1	3600	56C	E116769.00	√	581	C6K34DK23	29	115/208-230	None		77.0	1.25		S, US, 53
	1800	56C	E113930.00	√	725	C6K17DK45	35	115/208-230	None	4.2	83.5	1.15	12.88	S, US, 53
1 1/2	3600	56C	E116770.00	√	785	C6K34DK24	36	115/208-230	None		84.0	1.15		S, US, 53
	1800	56HC	E113932.00	√	900	C6K17DK46	40	115/208-230	None	6.5	86.5	1.15	13.34	S, US, 53
2	3600	56C	E116771.00	√	996	C6K34DK25	36	115/208-230	None		85.5	1.15		S, US, 53

Green items are Premium Efficient

"E" prefix items comply with SMR 2015

Specifications are subject to change without notice

♥ Note listing on inside back flap

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

View On-line Technical Information

LEESON

Features Include:

- Premium Efficient
- Class F insulation
- Terminal boards
- Shielded ball bearings

Single Phase – Drip-Proof – Resilient Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 115 V	Service Factor	% F. L. Eff.	"C" Dim. (Inches)	♥ Notes
1/4	1800	48	101602.00	√	417	A4K17DR7	19	115	Auto.	2.5	1.35	71.0	10.39	S, MX, 32, 53
1/3	1800	48	101405.00	√	493	A4K17DR5	19	115	Auto.	3.2	1.35	75.0	10.39	S, MX, 32, 53
1/2	1800	48	101585.00	√	564	A4K17DR6	25	115	Auto.	4.6	1.35	76.0	11.39	S, MX, 32, 53

Green items are Premium Efficient

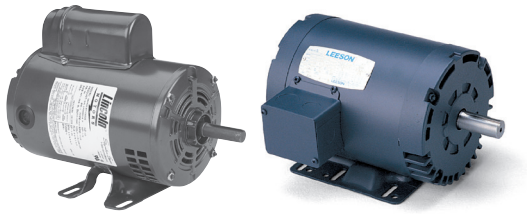
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Single Phase ODP Motors

Compressor Duty Motors – Compressor – Pump and Fan & Blower Duty



General Specifications:

Motors designed for air compressor, pump, fan and blower duty applications which require high breakdown torque and rugged mechanical construction.

Mechanical Features:

- Double shielded ball bearings
- Designed for belted loads

Electrical Features:

- High efficient Class "F" copper windings
- High starting and breakdown torque
- Dual rotation

Single Phase – Drip-Proof – Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥ Notes
1	3600	56	110160.00	√	457	M6C34DB6	27	115/230	Man.	6.7	SPEC	11.38	S, US
	1800	143T	120044.00	√	622	C143C17DB3	38	115/208-230	None	6.4	1.15	11.28	S, US
	1800	143T	120003.00	√	654	M143C17DB2	33	115/208-230	Man.	6.4	1.15	11.13	S, US
1 1/2	3600	56	110161.00	√	501	P6C34DB7	33	115/230	Man.	10.0	SPEC	11.88	S, US
	1800	145T	120042.00	√	687	C145K17DB5	38	115/208-230	None	8.6	1.15	12.28	S, US, 53
	1800	145T	LM24687	C/A	721	SSD4S1.5T1C602	41	115/208-230	None	8.6	1.15	12.49	S, US
	1800	145T	120004.00	√	873	P145K17DB3	40	115/208-230	Man.	8.6	1.15	12.28	S, US, 53
2	3600	56	110232.00	√	523	M6C34DB11	33	115/230	Man.	11.0	SPEC	11.88	S, US
	1800	182T	131515.00	√	849	C182C17DB8	56	115/208-230	None	12.4	1.15	13.19	S, MX
	1800	182T	131536.00	√	909	P182C17DB10	63	115/208-230	Man.	8.8	1.15	10.66	S, MX
3	3600	56Y	110222.00	√	586	M6C34DB13	38	230	Man.	15.0	1.15	12.38	S, US, 36
	1800	184T	131534.00	√	919	C184C17DB19	69	115/230	None	16.9	1.15	14.19	S, MX
5SPL	3600	56	116523.00	√	707	P6K34DB22	35	208-230	Man.	15.0	1.00	11.44	S, US, 53, ♦
5	3600	56Y	111275.00	√	729	P6K34DB5	44	230	Man.	20.8	1.00	13.34	S, US, 36, 53
	3600	56Y	116789.00	√	751	P6K34DB27	45	230	Man.	20.8	1.00	12.38	S, US, 10, 53
	3600	145T	120554.00	√	737	P145K34DB1	46	230	Man.	20.8	1.00	13.12	S, US, 53
	1800	184T	131537.00	√	1103	C184K17DB31	83	230	None	21.0	1.15	14.69	S, MX, 53
	1800	184T	LM24682	√	1127	SSD4S5T1B600	87	208-230	None	21.0	1.15	14.69	S, MX, 53
	1800	184T	131622.00	√	1319	P184K17DB33	82	230	Man.	21.0	1.15	14.69	S, MX, 53
7 1/2	3600	184T	132044.00	√	1062	C184K34DB8	110	208-230	Tstat	31.0	1.15	16.69	S, MX, 53
	3600	213T	140680.00	√	1794	C213K34DB1	112	208-230	None	29.5	1.15	16.55	S, MX, 53
	1800	215T	140155.00	√	1566	C215K17DB2	113	230	None	36.0	1.15	17.26	S, MX, 53
	1800	215T	LM24683	√	1652	SS215D4S7.5T1B600	118	208-230	None	36.0	1.15	17.26	S, MX, 53
10	3600	215T	140681.00	√	2268	C215K34DB1	135	208-230	None	37.0	1.15	18.05	S, MX, 53
	1800	215TZ	140311.00	√	2289	C215K17DB4	140	230	None	43.0	1.25	19.76	S, MX, 53
	1800	215TZ	LM24684	√	2345	SSD4S10T1B600	140	208-230	None	43.0	1.15	19.76	S, MX, 53

♥ Note listing on inside back flap

Specifications are subject to change without notice

Note ♦ - 3 HP Continuous Duty and 5 HP Breakdown Torque
Note 10 - Motor has a base with 182T mounting holes and a 4.5 inch shaft height
Note 36 - Special BA dimension of 2.31 for belt guard clearance
▼ LM Numbers are Lincoln Models
C/A - Check Availability

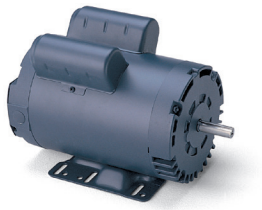
View On-line Technical Information

Single Phase ODP Motors

Pressure Washer Pump Motors

General Specifications:

Motors specially suited for hot or cold pressure washer applications and other single phase installations requiring minimum starting and running amperages. Capacitor start, capacitor run construction for reduced amperage.



Mechanical Features:

- Double shielded ball bearings
- Dynamically balanced rotors

Electrical Features:

- Windings dipped in heavy duty varnish system
- Capacitor start / capacitor run designs to reduce amp draw
- Manual reset overload protection
- High service factor

Single Phase – Drip-Proof – Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥ Notes
3/4	3600	S56	100053.00	√	447	M4C34DH3	24	115/208-230	Man.	4.9	1.25	10.49	S, MX
	1800	S56	101544.00	C/A	646	M4K17DH2	28	115/208-230	Man.	4.0	1.25	11.24	S, US, 53
1	3600	56	110097.00	√	462	M6C34DB3	27	115/208-230	Man.	6.0	1.25	10.84	S, US
	1800	56	113630.00	√	701	M6K17DB33	31	115/208-230	Man.	5.3	1.15	10.84	S, US, 53
1 1/2	3600	56	113631.00	√	613	M6K34DB15	36	115/208-230	Man.	6.2	1.15	11.34	S, US, 53
	1800	56H	113266.00	√	817	M6K17DB30	42	115/208-230	Man.	6.7	1.15	12.38	S, US, 6, 53
	1800	145T	120004.00	√	873	P145K17DB3	40	115/208-230	Man.	8.6	1.15	12.28	S, US, 53
2	3600	56	113632.00	D	828	P6K34DB16	36	115/208-230	Man.	8.6	1.15	11.34	S, US, 53
	1800	56H	116704.00	D	873	P6K17DB47	45	115/208-230	Man.	8.6	1.15	12.88	S, US, 6, 53
	1800	145T	120879.00	√	918	P145K17DB38	53	115/208-230	Man.	8.6	1.15	13.31	S, US,53
3	3600	56H	116706.00	√	880	M6C34DB75	39	230	Man.	15.0	1.00	12.38	S, US, 6
	1800	184T	131851.00	C/A	1086	184TBDR7675A	72	208-230	Man.	13.7	1.15	15.22	S, MX, 9
5	3600	56H	116708.00	√	900	P6K34DB26	45	230	Man.	20.8	1.00	13.34	S, US, 6, 53
	1800	184T	131622.00	√	1319	P184K17DB33	82	208-230	Man.	21.0	1.15	14.69	S, MX

C/A - Check Availability
D-Item to be discontinued once inventory is depleted
Specifications are subject to change without notice
♥ Note listing on inside back flap

View On-line Technical Information

Single Phase ODP Motors

ecoSaver™

Resilient Base Motors – General Purpose or Fan Duty

General Specifications:

- Industrial quality resilient base
- Moderate starting torque
- Belt driven fans or fan on shaft applications
- Self ventilated designs

Drip-Proof – Single Phase – Resilient Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥ Notes
1/4	3600	48	101434.00	√	320	A4C34DR8	16	115/208-230	Auto.	2.0	1.00	9.39	S, MX
	1800	48	100109.00	√	376	A4C17DR1	17	115/208-230	Auto.	2.7	1.35	9.89	S, MX
	1800	48	100111.00	√	325	A4C17DR3	17	115/208-230	Auto.	2.7	1.00	9.89	S, MX
	1800	48	102963.00	√	376	A4C17DR47	17	277	Auto.	2.2*	1.35	9.89	S, MX
1/3	3600	48	101431.00	√	329	A4C34DR11	17	115/208-230	Auto.	2.3	1.00	9.39	S, MX
	1800	48	100110.00	√	459	A4C17DR2	18	115/208-230	Auto.	3.3	1.35	9.89	S, MX
	1800	48	101015.00	√	376	A4C17DR31	18	115/208-230	Auto.	3.3	1.00	9.89	S, MX
	1800	S56	100014.00	D	432	C4C17DJ5	19	115/208-230	None	3.3	1.35	10.31	S, MX
	1800	S56	E100014.00	√	541	C4K17DJ9	20	115/208-230	None	1.9	1.35	10.97	S, MX,53
	1800	S56	100010.00	√	459	A4C17DJ2	18	115/208-230	Auto.	3.3	1.35	10.31	S, MX
	1800	S56	100063.00	√	376	A4C17DJ9	19	115/208-230	Auto.	3.3	1.00	10.31	S, MX
	1800	S56	102964.00	√	459	A4C17DJ72	18	277	Auto.	2.8*	1.35	10.31	S, MX
1/2	3600	48	101432.00	√	363	A4C34DR10	20	115/208-230	Auto.	3.4	1.00	9.89	S, MX
	1800	S56	100015.00	D	466	C4C17DJ6	21	115/208-230	None	4.4	1.25	10.81	S, MX
	1800	S56	E100015.00	√	558	C4K17DJ10	22	115/208-230	None	2.3	1.25	11.47	S, MX,53
	1800	S56	100045.00	√	447	M4C17DJ17	20	115/208-230	Man.	4.4	1.00	10.81	S, MX
	1800	S56	101611.00	√	494	A4C17DJ57	22	115/208-230	Auto.	4.4	1.25	10.81	S, MX, 32
	1800	S56	100011.00	√	494	A4C17DJ3	22	115/208-230	Auto.	4.4	1.25	10.81	S, MX
	1800	S56	100064.00	√	449	A4C17DJ10	20	115/208-230	Auto.	4.4	1.00	10.81	S, MX
	1800	S56	102965.00	√	494	A4C17DJ74	22	277	Auto.	3.7*	1.25	10.81	S, MX
3/4	3600	48	101433.00	√	427	A4C34DR9	22	115/208-230	Auto.	4.8	1.00	10.39	S, MX
	3600	S56H	100603.00	√	455	A4C34DJ7	26	115/208-230	Auto.	4.9	1.25	11.31	S, MX
	1800	S56H	100016.00	D	585	C4C17DJ7	26	115/208-230	None	5.4	1.25	11.81	S, MX
	1800	S56H	E100016.00	√	643		27	115/208-230	None				S, MX,53
	1800	S56H	100046.00	√	611	M4C17DJ18	26	115/208-230	Man.	5.4	1.25	11.81	S, MX
	1800	S56H	100047.00	√	511	M4C17DJ19	25	115/208-230	Man.	5.5	1.00	11.81	S, MX
	1800	S56H	101839.00	√	611	A4C17DJ67	28	115/208-230	Auto.	5.4	1.25	11.81	S, MX, 32
	1800	S56H	100012.00	√	611	A4C17DJ4	26	115/208-230	Auto.	5.4	1.25	11.81	S, MX
	1800	S56H	100065.00	√	506	A4C17DJ11	25	115/208-230	Auto.	5.5	1.00	11.81	S, MX
	1800	S56H	102966.00	√	611	A4C17DJ73	26	277	Auto.	4.5*	1.25	11.81	S, MX
1	3600	56H	110478.00	√	525	A6C34DR6	28	115/208-230	Auto.	6.0	1.25	11.85	S, US
	1800	56H	113027.00	D	637	C6C17DR37	30	115/208-230	None	6.4	1.15	11.81	S, US
	1800	56H	E113027.00	√	693	C6K17DR43	31	115/208-230	None	4.2	1.15	12.88	S, MX,53
	1800	56H	110007.00	√	662	A6C17DR1	29	115/208-230	Auto.	6.4	1.15	11.81	S, US
	1800	56H	110054.00	√	647	A6C17DR2	32	115/208-230	Auto.	6.4	1.00	11.81	S, US
	1800	56H	116599.00	√	662	A6C17DR54	29	277	Auto.	5.4*	1.20	11.82	S, US
1 1/2	3600	56H	110479.00	√	675	A6C34DR7	30	115/230	Auto.	8.2	1.15	11.82	S, US
	1800	56H	110579.00	√	801	A6K17DR6	38	115/208-230	Auto	7.2	1.15	12.82	S, US, 6, 53
	1800	56H	116600.00	C/A	801	A6K17DR41	38	277	Auto	6.0*	1.15	12.82	S, US
2	3600	56H	113633.00	D	845	U6C34DR21	38	115/208-230	Auto.	10.0	1.15	13.82	S, US
	1800	56H	113608.00	√	853	A6K17DR28	45	115/208-230	Auto.	10.0	1.15	13.81	S, US, 6, 53
	1800	56H	116601.00	√	853	A6K17DR42	45	277	Auto.	8.7*	1.15	13.82	S, US

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

View On-line Technical Information

Green items are Premium Efficient "E" prefix items comply with SMR 2015

* F.L. Amps at 277V

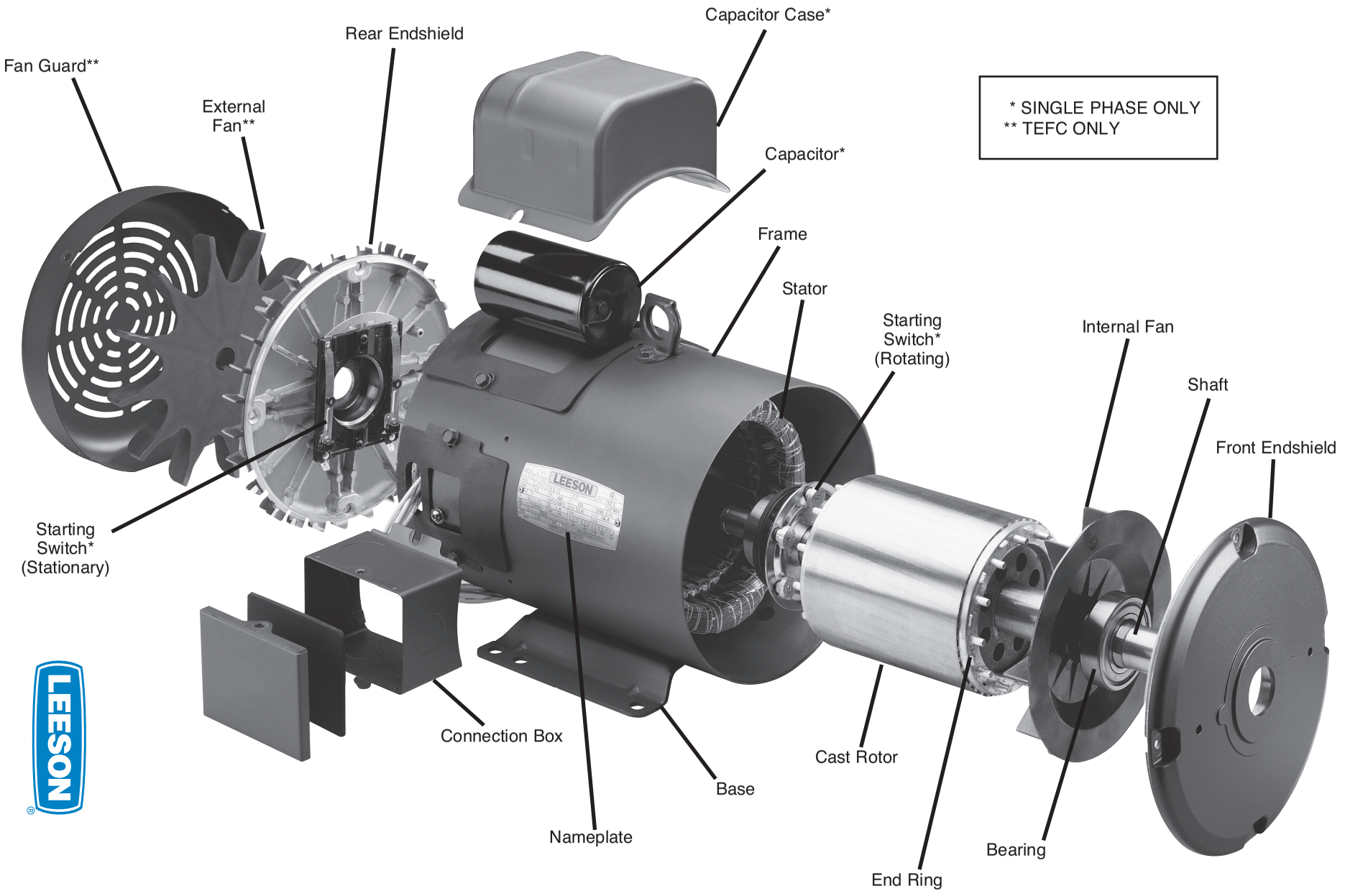
Specifications are subject to change without notice

♥ Note listing on inside back flap

D-Item to be discontinued once inventory is depleted

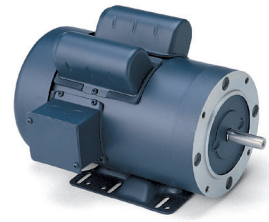
C/A - Check Availability

Major Components of an Electric Motor



Single Phase TEFC Motors

Standard and Premium Efficiency –
General Purpose – 115/208-230 Volt
Rigid Mount – 1/12 HP – 10 HP – 42 through 215T frame
Resilient Mount – ½ HP – 1 HP – 56 frame
C Face Motors - 1/6 HP - 10 HP - 48 through 215TC



- Durable rolled steel construction
- NEMA Design B performance
- Meets or exceed NEMA service factors
- Double shielded ball bearings
- Continuous duty
- Thermally protected ratings
- 1-year warranty on general purpose motors
- 3-year warranty on Premium efficient motors
- UL recognized component listing and CSA certified

Applications:

For use where exposure to water, dust and dirt exists. Ideally suited for use on pumps, compressors, fans, conveyors and other industrial equipment.

Single Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥ Notes
1/12	1800	42	092111.00	√	328	C42C17FB3	14	115/208-230	None	1.1	1.15	8.94	S, US
1/8	1800	42	092114.00	√	340	C42C17FB2	16	115/208-230	None	1.6	1.15	9.44	S, US
1/6	1800	42	092116.00	√	373	C42C17FB1	17	115/208-230	None	2.1	1.15	9.44	S, US
	1800	48	102012.00	√	370	C4C17FB23	17	115/208-230	None	2.0	1.15	9.06	S, MX
	1200	48	102013.00	√	525	C4C11FB3	23	115/208-230	None	1.9	1.15	10.31	S, MX
1/4	3600	42	092112.00	√	378	C42C34FB3	19	115/208-230	None	2.1	1.15	9.94	S, US
	1800	48	102014.00	√	363	C4C17FB21	20	115/208-230	None	2.7	1.15	9.06	S, MX
	1800	48	101446.00	√	418	M4C17FB10	18	115/208-230	Man.	2.7	1.15	9.06	S, MX
	1800	S56	LM24606	C/A	494	SRF4S0.25T1C6028	18	115/208-230	None	2.1	1.15	10.22	S, MX
	1200	48	102015.00	√	559	C4C11FB4	23	115/208-230	None	3.2	1.15	11.31	S, MX
	1200	56	114617.00	√	589	C6C11FB7	30	115/208-230	None	2.8	1.15	11.81	S, US
1/3	3600	48	102016.00	√	347	C4C34FB10	21	115/208-230	None	2.8	1.15	9.06	S, MX
	1800	48	100955.00	√	402	C4C17FB3	19	115/208-230	None	3.3	1.15	9.56	S, MX
	1800	48	102018.00	√	461	M4C17FB22	20	115/208-230	Man.	3.3	1.15	9.56	S, MX
	1800	S56	102931.00	√	400	C4C17FH31	23	115/208-230	None	3.1	1.15	10.44	S, MX
	1800	56	LM24597	√	422	SRF4S0.33T1C6028	19	115/208-230	None	3.1	1.15	10.44	S, MX
	1800	S56	102933.00	√	457	M4C17FH33	23	115/208-230	Man.	3.1	1.15	10.44	S, MX
	1800	S56	LM24602	C/A	482	SRF3S0.33T1C6028TP1	20	115/208-230	Man.	3.0	1.15	10.47	S, MX
	1800	S56	102932.00	√	472	A4C17FH32	23	115/208-230	Auto.	3.1	1.15	10.44	S, MX
	1800	56	113765.00	√	555	M6K17FB33	27	115/208-230	Man.	1.7	1.15	10.81	S, US, 53
	1200	48	102019.00	√	616	C4C11FB5	28	115/208-230	None	3.1	1.00	11.56	S, MX
	1200	56	110009.00	√	616	C6C11FB1	34	115/208-230	None	3.6	1.00	12.31	S, US
	1200	56	LM24546	√	646	SRF6S0.33T1C6028	28	115/208-230	None	3.9	1.15	12.32	S, MX
1/2	3600	48	102020.00	√	396	C4C34FB9	27	115/208-230	None	3.5	1.15	9.31	S, MX
	3600	S56	102905.00	√	394	C4C34FH8	22	115/208-230	None	3.5	1.15	9.94	S, MX
	3600	56	LM24706	C/A	414	SRF2S0.5T1C6028	23	115/208-230	None	4.2	1.15	11.82	S, MX
	3600	S56	102904.00	√	422	M4C34FH7	25	115/208-230	Man.	3.5	1.15	9.94	S, MX
	3600	56	LM24743	√	443	SRF2S0.5T1C6028TP1	23	115/208-230	Man.	4.2	1.15	11.82	S, MX
	1800	48	100956.00	√	461	C4C17FB4	22	115/208-230	None	4.0	1.15	10.31	S, MX
	1800	S56	102906.00	√	457	C4C17FH28	22	115/208-230	None	4.0	1.15	10.69	S, MX
	1800	S56	LM24627	√	482	SRF4S0.5T1C6028	24	115/208-230	None	4.0	1.15	11.22	S, MX
	1800	S56	102909.00	√	535	M4C17FH30	22	115/208-230	Man.	4.0	1.15	10.69	S, MX
	1800	S56	LM24604	C/A	566	SRF2S0.5T1C6028TP1	24	115/208-230	Man.	4.0	1.15	11.22	S, MX
	1800	S56	102908.00	√	548	A4C17FH29	25	115/208-230	Auto.	4.0	1.15	10.69	S, MX
	1800	56	113766.00	√	616	M6K17FB34	30	115/208-230	Man.	2.5	1.15	11.31	S, US, 53
	1200	56	110011.00	√	877	C6C11FB2	38	115/208-230	None	4.9	1.00	12.81	S, US

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Single Phase TEFC Motors

Capacitor Start – General Purpose

Single Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥ Notes
3/4	3600	56	110276.00	√	443	C6C34FB15	26	115/208-230	None	5.0	1.15	11.31	S, US
	3600	56	110108.00	√	471	M6C34FB7	26	115/208-230	Man.	5.0	1.15	11.31	S, US
	3600	56	LM24744	√	490	SRF2S0.75T1C6028TP1	26	115/208-230	Man.	5.3	1.15	12.32	S, MX
	1800	56	110013.00	√	548	C6C17FB2	29	115/208-230	None	5.4	1.15	11.31	S, US
	1800	56	LM24607	√	572	SRF4S0.75T1C6028	30	115/208-230	None	5.5	1.15	12.32	S, MX
	1800	56	110022.00	√	640	M6C17FB7	29	115/208-230	Man.	5.4	1.15	11.31	S, US
	1800	56	110017.00	√	669	A6C17FB4	26	115/208-230	Auto.	5.4	1.15	11.31	S, US
	1800	56	113767.00	√	727	M6K17FB35	35	115/208-230	Man.	3.2	1.15	11.81	S, US, 53
	1200	56H	110400.00	√	1015	C6K11FB1	43	115/208-230	None	5.3	1.00	13.31	S, US, 53
	1200	56	LM24497	√	1062	SRF6S0.75T1B6028	41	115/208-230	None	5.7	1.15	13.82	S, MX, 53
1	3600	56	110059.00	√	516	C6C34FB5	28	115/208-230	None	6.0	1.15	11.81	S, US
	3600	56	110142.00	√	576	M6C34FB2	28	115/208-230	Man.	6.0	1.15	11.81	S, US
	3600	56	LM24745	√	606	SRF2S1T1C6028TP1	31	115/208-230	Man.	6.2	1.15	12.32	S, MX
	1800	56	110209.00	√	629	C6C17FB17	30	115/208-230	None	7.0	1.15	11.81	S, US
	1800	56	LM24610	√	660	SRF4SITIC6028	32	115/208-230	None	6.7	1.15	12.82	S, MX
	1800	56	110023.00	√	724	M6C17FB8	29	115/208-230	Man.	6.4	1.15	11.81	S, US
	1800	56	110018.00	√	748	A6C17FB5	29	115/208-230	Auto.	6.4	1.15	12.31	S, US
	1800	56	113768.00	√	834	M6K17FB36	37	115/208-230	Man.	4.2	1.15	12.31	S, US, 53
	1800	143T	120025.00	√	693	C143C17FB3	34	115/208-230	None	6.4	1.15	12.75	S, US
	1800	143T	LM24709	C/A	726	SSF4S1T1C6028	34	115/208-230	None	6.7	1.15	12.87	S, MX
	1800	143T	120008.00	√	724	M143C17FB2	31	115/208-230	Man.	6.4	1.15	12.75	S, US
	1200	145T	120043.00	√	1162	C145K11FB1	49	115/230	None	6.7	1.00	14.25	S, US, 53
1 1/2	3600	56	110094.00	√	677	C6C34FB6	32	115/208-230	None	8.5	1.00	12.31	S, US
	3600	56H	LM24531	√	707	SRF2S1.5T1B6028	35	115/208-230	None	7.1	1.15	12.82	S, MX, 53
	3600	56	110109.00	√	793	M6C34FB8	31	115/208-230	Man.	8.5	1.00	12.31	S, US
	3600	56H	LM24532	√	829	SRF2S1.51B6028TP1	35	115/208-230	Man.	7.1	1.15	12.82	S, MX, 53
	3600	143T	120130.00	√	677	C143C34FB1	36	115/208-230	None	8.5	1.00	13.25	S, US
	3600	143T	LM24710	C/A	707	SRF4S1.5T1B6028	39	115/208-230	None	7.1	1.15	12.87	S, MX, 53
	1800	56H	110253.00	√	714	C6K17FB9	38	115/208-230	None	8.6	1.00	12.81	S, US, 53
	1800	56H	LM24513	√	746	SSF4S1,5T1B6028	41	115/208-230	None	7.6	1.15	13.82	S, MX, 53
	1800	56H	113333.00	√	820	M6K17FB32	38	115/208-230	Man.	8.6	1.00	12.81	S, US, 53
	1800	56H	LM24515	C/A	858	SRF3S1.5T1B6028TP1	41	115/208-230	Man.	7.6	1.15	13.82	S, MX, 53
	1800	56H	110019.00	√	889	U6K17FB1	38	115/208-230	Auto.	8.6	1.00	12.81	S, US, 53
	1800	56H	113769.00	√	948	M6K17FB37	43	115/208-230	Man.	6.5	1.15	13.31	S, US, 53
	1800	145T	120026.00	√	714	C145K17FB3	44	115/208-230	None	8.6	1.00	13.25	S, US, 53
	1800	145T	LM24711	C/A	746	SSF4S1.5T1B6028	42	115/208-230	None	7.6	1.15	13.87	S, MX, 53
	1800	145T	120009.00	√	820	M145K17FB2	42	115/208-230	Man.	8.6	1.00	13.25	S, US, 53
	1800	145T	LM24746	C/A	858	SSF4S1.5T1B6028TP1	43	115/208-230	Man.	7.6	1.15	13.87	S, MX, 53
	1200	184T	131526.00	√	1884	C184C11FB2	69	115/208-230	None	11.0	1.00	15.46	S, MX

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

Continued On Next Page

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Single Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥ Notes
2	3600	56H	110352.00	√	883	C6C34FB21	41	115/208-230	None	10.0	1.00	13.31	S, US
	3600	56H	110402.00	√	925	P6C34FB23	41	115/208-230	Man.	10.0	1.00	13.31	S, US
	3600	56H	LM24534	C/A	972	SRF2S2T1B6028TP1	40	115/208-230	Man.	9.0	1.15	13.32	S, MX, 53
	3600	145T	120036.00	√	889	C145C34FB1	42	115/208-230	None	10.0	1.00	13.75	S, US
	3600	145T	LM24712	C/A	923	SRF2ST1B6028	54	115/208-230	None	9.0	1.15	13.37	S, MX, 53
	3600	145T	120395.00	√	935	P145C34FB5	44	115/208-230	Man.	10.0	1.00	13.75	S, US
	1800	56HZ	113770.00	√	1303	M6K17FB38	49	230	Man.	8.2	1.15	14.25	S, US, 3, 53
	1800	145T	121507.00	√	1167	C145K17FB24	48	115/208-230	None	9.2	1.15	13.75	S, US, 53
	1800	145T	120867.00	√	1176	P145K17FB22	48	115/208-230	Man.	9.2	1.00	13.75	S, US, 53
	1800	182T	131509.00	√	1023	C182C17FB11	65	115/208-230	None	12.4	1.00	14.46	S, MX
	1800	182T	LM24713	√	1058	SS18F4S21B028	54	115/208-230	None	12.4	1.15	14.46	S, MX, 53
	1200	215T	140747.00	C/A	2793	C215K11FB3	118	115/208-230	None	11.2	1.15	18.71	S, MX, 53
3	3600	56H	116705.00	√	964	P6K34FB31	53	208-230	Man.	14.0	1.00	13.81	S, US, 53
	3600	145T	120341.00	√	959	C145K34FB3	46	230	None	13.0	1.00	14.25	S, US, 53
	3600	145T	LM24714	√	994	SS14F2S3T1B6008	48	208-230	None	11.8	1.15	14.87	S, MX, 53
	3600	182T	131637.00	√	1056	C182K34FB2	78	115/208-230	None	13.4	1.15	14.96	S, MX, 53
	1800	184T	131533.00	√	1207	C184C17FB12	83	115/230	None	16.8	1.00	16.46	S, MX
	1800	184T	LM24716	C/A	1237	SS184F4S3T1C6028	99	115/208-230	None	16.8	1.00	16.46	S, MX
	1800	184T	131855.00	√	1303	P184K17FB26	88	230	Man.	13.6	1.15	14.96	S, MX, 53
5	3600	184T	131549.00	√	1460	C184K34FB6	93	230	None	19.8	1.15	16.96	S, MX, 53
	3600	184T	132042.00	√	1629	P184K34FB9	103	230	Man.	19.8	1.15	16.97	S, MX, 53
	1800	184T	131538.00	√	1468	C184K17FB15	95	230	None	23.0	1.00	17.46	S, MX, 53
	1800	184T	LM24718	√	1476	SSF4S5T1B6008	98	208-230	None	21.7	1.00	17.46	S, MX, 53
	1800	184T	131856.00	√	1515	P184K17FB25	95	230	Man.	21.0	1.00	15.96	S, MX, 53
7 1/2	3600	213T	140684.00	√	1876	C213K34FB1	120	208-230	None	32.0	1.00	18.34	S, MX, 53
	3600	213T	LM24719	√	2021	DDF2S7.51B6008	120	208-230	None	32.0	1.00	18.73	S, MX, 53
	1800	215T	140120.00	√	1904	N215K17FB1	169	230	None	33.6	1.15	20.21	S, MX, 53
	1800	215T	LM24720	√	1951	SS215F4S7.5T1B6008	133	208-230	None	30.0	1.00	21.09	S, MX, 53
10	3600	215T	140685.00	√	2302	C215K34FB1	138	208-230	None	41.5	1.00	19.84	S, MX, 53
	3600	215T	LM24721	√	2480	SSF2S10T1B6008	138	208-230	None	41.5	1.00	20.23	S, MX, 53
	1800	215T	140581.00	√	2185	C215K17FB12	202	230	None	40.0	1.15	20.71	S, MX, 53
	1800	215T	LM24722	√	2533	SSF4S10T1B66	155	230	None	41.5	1.00	21.09	S, MX, 53

Green items are Premium Efficient

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Single Phase - C Face Motors

Totally Enclosed - Capacitor Start - General Purpose

Single Phase - Totally Enclosed - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/6	1800	48CZ	102661.00	√	363	C4C17FC25	14	115/208-230	None	2.0	1.15	9.19	S, MX, 25
1/4	1800	48CZ	101765.00	√	414	C4C17FC10	18	115/208-230	None	2.7	1.15	9.19	S, MX, 25
	1800	S56C	102868.00	√	412	C4C17NC26	22	115/208-230	None	2.3	1.15	9.80	S, MX, 12
	1800	S56C	LM24733	√	394	SRN4S0.25TLCN1C6028	18	115/208-230	None	2.1	1.00	9.94	S, MX
	1800	S56C	102866.00	√	412	C4C17FC34	18	115/208-230	None	2.7	1.15	9.44	S, MX
1/3	3600	S56C	102870.00	√	353	C4C34FC13	20	115/208-230	None	2.8	1.15	9.44	S, MX
	3600	S56C	102873.00	√	353	C4C34NC15	24	115/208-230	None	1.9	1.00	9.30	S, MX
	3600	S56C	LM24734	√	392	SRN2S0.33TLCN1C6028	20	115/208-230	None	2.2	1.15	10.19	S, MX
	1800	48CZ	102663.00	√	428	C4C17FC26	19	115/208-230	None	3.3	1.15	9.69	S, MX, 25
	1800	S56C	101766.00	√	446	C4C17FC9	22	115/208-230	None	3.3	1.15	9.94	S, MX
	1800	S56C	102867.00	√	443	C4C17NC25	23	115/208-230	None	2.6	1.15	10.30	S, MX, 12
	1800	S56C	LM24598	√	428	SRF4S0.33TLCN1C6028	19	115/208-230	None	3.9	1.15	12.32	S, MX
	1800	S56C	102869.00	√	466	M4C17NC27	25	115/208-230	Man.	2.6	1.15	10.30	S, MX, 12
	1200	56C	LM24735	C/A	654	SRF6S0.33TLCN1C6028	28	115/208-230	None	3.9	1.15	12.32	S, MX
1/2	3600	S56C	102864.00	√	397	C4C34FC12	22	115/208-230	None	3.5	1.15	9.94	S, MX
	3600	56C	LM24736	√	446	SRF2S0.5TLCN1C6028	23	115/208-230	None	4.2	1.15	11.82	S, MX
	3600	S56C	102872.00	√	423	M4C34FC14	25	115/208-230	Man.	3.5	1.15	9.94	S, MX
	1800	48CZ	102665.00	C/A	499	C4C17FC27	22	115/208-230	None	4.0	1.00	10.44	S, MX, 25
	1800	S56C	102862.00	√	511	C4C17FC32	21	115/208-230	None	4.0	1.15	10.69	S, MX
	1800	56C	LM24599	√	508	SRF4S0.5TLCN1C6028	24	115/208-230	None	4.4	1.15	11.19	S, MX
	1800	S56C	102865.00	√	541	M4C17FC33	22	115/208-230	Man.	4.0	1.15	10.69	S, MX
	1800	S56C	102871.00	√	534	A4C17FC35	24	115/208-230	Auto.	4.0	1.15	10.69	S, MX
	1200	56C	110411.00	√	901	C6C11FC1	37	115/208-230	None	4.9	1.00	12.81	S, US
3/4	3600	56C	110413.00	√	466	C6C34FC8	26	115/208-230	None	5.0	1.15	11.31	S, US
	3600	56C	LM24738	√	466	SRF2S0.75TLCN1C5028	30	115/208-230	None	5.3	1.15	12.32	S, MX
	3600	56C	110412.00	√	485	M6C34FC7	28	115/208-230	Man.	5.0	1.15	11.31	S, US
	1800	56C	110057.00	√	608	C6C17FC6	25	115/208-230	None	5.4	1.15	11.31	S, US
	1800	56C	LM24613	√	542	SRF4S0.75TLCN1C6028	30	115/208-230	None	5.5	1.15	12.32	S, MX
	1800	56C	110040.00	√	641	M6C17FC2	26	115/208-230	Man.	5.4	1.15	11.31	S, US
	1800	56C	110308.00	√	632	A6C17FC8	28	115/208-230	Auto.	5.4	1.15	11.31	S, US
	1200	56C	110414.00	√	1015	C6K11FC2	42	115/208-230	None	5.3	1.00	13.31	S, US, 53
	1200	56C	LM24739	C/A	738	SRF60.75TLCN1B6028	41	115/208-230	None	5.7	1.15	13.82	S, MX, 53

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

LEESON®

Single Phase - Totally Enclosed - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1	3600	56C	110416.00	√	546	C6C34FC10	28	115/208-230	None	6.0	1.15	11.81	S, US
	3600	56C	LM24740	√	553	SRF2S1TLCN1C6028	31	115/208-230	None	6.2	1.15	12.32	S, MX
	3600	56C	110415.00	√	599	M6C34FC9	28	115/208-230	Man.	6.0	1.15	11.81	S, US
	1800	56C	110058.00	√	700	C6C17FC7	33	115/208-230	None	6.4	1.15	11.81	S, US
	1800	56C	LM24614	√	579	SRF4S1TLCN1C6028	32	115/208-230	None	6.7	1.15	12.82	S, MX
	1800	56C	110041.00	√	731	M6C17FC3	29	115/208-230	Man.	6.4	1.15	11.81	S, US
	1800	143TC	121001.00	√	794	C143C17FC2	32	115/208-230	None	6.4	1.15	12.25	S, US
1 1/2	3600	56C	110419.00	√	702	C6C34FC12	31	115/208-230	None	8.5	1.00	12.31	S, US
	3600	56C	LM24535	√	606	SRF2S1.5TLCN1B6028	35	115/208-230	None	7.1	1.15	12.82	S, MX, 53
	3600	56C	110418.00	√	736	M6C34FC11	31	115/208-230	Man.	8.5	1.00	12.31	S, US
	3600	143TC	120101.00	√	794	C143C34FC1	36	115/208-230	None	8.5	1.00	12.75	S, US
	1800	56C	110420.00	√	789	C6K17FC2	37	115/208-230	None	8.6	1.00	12.81	S, US, 53
	1800	56C	LM24622	√	614	SRF4S1.5TLCN1B6028	41	115/208-230	None	7.6	1.15	13.82	S, MX, 53
	1800	56C	110042.00	√	822	M6K17FC1	40	115/208-230	Man.	8.6	1.00	12.81	S, US
	1800	145TC	120017.00	√	898	C145K17FC3	40	115/208-230	None	8.6	1.00	13.75	S, US, 53
2	3600	56C	110422.00	√	893	C6C34FC14	40	115/208-230	None	10.0	1.00	13.31	S, US
	3600	56C	LM24530	√	691	SRF2S2TLCNB6038	40	115/208-230	None	9.0	1.15	13.32	S, MX, 53
	3600	56C	110421.00	√	925	P6C34FC13	41	115/208-230	Man.	10.0	1.00	13.31	S, US
	3600	145TC	120102.00	√	926	C145C34FC2	43	115/208-230	None	10.0	1.00	13.75	S, US
	1800	56C	112136.00	√	1056	C6K17FC9	41	115/230	None	9.2	1.00	13.31	S, US, 53
	1800	145TC	120060.00	√	1080	P145K17FC2	45	115/230	Man.	10.0	1.00	14.25	S, US, 53
	1800	182TC	131516.00	C/A	1407	C182C17FC3	64	115/208-230	None	12.4	1.00	14.47	S, MX
3	3600	145TC	120824.00	√	1037	P145K34FC6	56	230	Man.	13.0	1.00	14.25	S, US, 53
	1800	184TC	131545.00	√	1658	C184C17FC4	82	115/208-230	None	16.8	1.00	16.47	S, MX
5	3600	184TC	131778.00	√	1664	C184K34FC2	81	208-230	None	19.8	1.15	16.97	S, MX, 53
	1800	184TC	131540.00	√	1726	C184K17FC6	104	230	None	23.0	1.00	17.47	S, MX, 53

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Single Phase C Face Motors

Totally Enclosed - Capacitor Start - General Purpose

Single Phase - Totally Enclosed - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	S56C	102916.00	√	421	C4C17FK4	22	115/208-230	None	2.7	1.15	9.69	S, MX
	1800	S56C	LM24723	√	442	SRF4S0.25TLC6028	17	115/208-230	None	2.1	1.15	10.19	S, MX
1/3	3600	S56C	102929.00	√	418	C4C34FK16	22	115/208-230	None	2.8	1.15	9.69	S, MX
	1800	S56C	102930.00	√	447	C4C17FK6	24	115/208-230	None	3.1	1.15	10.44	S, MX
	1800	S56C	LM24600	√	467	SRF4S0.33TLC1C6028	23	115/208-230	None	3.0	1.15	10.44	S, MX
	1800	S56C	103082.00	√	447	M4C17FK7	24	115/208-230	Man.	3.1	1.15	10.31	S, MX
	1800	S56C	102910.00	√	447	C4C17NK2	25	115/208-230	None	2.6	1.15	10.31	S, MX
1/2	3600	S56C	102903.00	√	419	C4C34FK17	25	115/208-230	None	3.5	1.15	9.94	S, MX
	3600	56C	LM24725	√	443	SRF2S0.5TLC1C6028	23	115/208-230	None	4.2	1.15	11.82	S, MX
	1800	S56C	102907.00	√	537	C4C17FK5	22	115/208-230	None	4.0	1.15	10.69	S, MX
	1800	S56C	LM24628	√	567	SRF4S0.5TLC6028	24	115/208-230	None	4.0	1.15	11.19	S, MX
	1800	S56C	103085.00	√	537	M4C17FK8	22	115/208-230	Man.	4.0	1.15	10.69	S, MX
3/4	3600	56C	112135.00	√	478	C6C34FK36	26	115/208-230	None	5.0	1.15	11.31	S, US
	3600	56C	LM24726	√	498	SRF2S0.75TLC1C6028	30	115/208-230	None	5.3	1.15	12.32	S, MX
	1800	56C	110905.00	√	648	C6C17FK4	26	115/208-230	None	5.4	1.15	11.31	S, US
	1800	56C	LM24615	√	680	SRF2S0.75TLC1C6028	30	115/208-230	None	5.5	1.15	12.32	S, MX
	1800	56C	116922.00	√	648	M6C17FK86	26	115/208-230	Man.	5.4	1.15	11.31	S, US
1	3600	56C	110180.00	√	550	C6C34FK1	28	115/208-230	None	6.0	1.15	11.81	S, US
	3600	56C	LM24727	√	573	SRF2S1TLC1C6028	32	115/208-230	None	6.2	1.15	12.32	S, MX
	3600	56C	115877.00	√	550	M6C34FK78	28	115/208-230	Man.	6.0	1.15	11.81	S, US
	1800	56C	110908.00	√	734	C6C17FK5	30	115/208-230	None	6.4	1.15	11.81	S, US
	1800	56C	LM24616	√	768	SRF4S1TLC6028	35	115/208-230	None	6.7	1.15	12.82	S, MX
	1800	56C	115879.00	√	734	M6C17FK80	32	115/208-230	Man.	6.4	1.15	11.81	S, US
	1800	143TC	121680.00	√	734	C143C17FK1	32	115/208-230	None	6.4	1.15	12.25	S, US
1 1/2	3600	56C	110909.00	√	713	C6C34FK19	34	115/208-230	None	8.5	1.00	12.31	S, US
	3600	56HC	LM24539	√	745	SRF2S1.5TLC1B6028	35	115/208-230	None	7.1	1.15	12.82	S, MX
	3600	56C	115024.00	√	748	M6K34FK16	35	115/208-230	Man.	6.2	1.15	12.31	S, US
	1800	56HC	110910.00	√	872	C6K17FK2	39	115/208-230	None	8.6	1.00	12.81	S, US
	1800	56HC	LM24728	√	908	SRF2S1.5TLC1B6028	41	115/208-230	None	7.6	1.15	13.82	S, MX
	1800	56HC	116703.00	√	877	M6K17FK50	42	115/208-230	Man.	8.6	1.15	12.81	S, US
	1800	145TC	121681.00	√	872	C145K17FK13	40	115/208-230	None	8.6	1.00	13.75	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

Specifications are subject to change without notice

Continued On Next Page

View On-line Technical Information

Single Phase - Totally Enclosed - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
2	3600	56HC	113931.00	√	934	C6C34FK52	46	115/208-230	None	10.0	1.00	13.31	S, US
	3600	56HC	LM24729	√	978	SRF2S2TLC1B6028	40	115/208-230	None	9.0	1.15	13.32	S, MX, 53
	3600	56HC	114995.00	√	890	P6K34FK15	42	115/208-230	Man.	9.2	1.15	13.31	S, US, 53
	3600	56HC	115878.00	C/A	934	P6C34FK79	43	115/208-230	Man.	10.0	1.00	13.31	S, US
	3600	145TC	121008.00	√	934	C145C34FK2	43	115/208-230	None	10.0	1.00	13.75	S, US
	1800	145TC	120274.00	√	1176	C145K17FK2	49	115/230	None	9.2	1.00	14.25	S, US, 53
	1800	145TC	LM24731	C/A	1231	SSF4S2TLC1B6028	52	115/230	None	9.5	1.15	14.87	S, MX, 53
	1800	145TC	121465.00	√	1176	P145K17FK10	44	115/208-230	Man.	9.2	1.00	13.75	S, US, 53
3	3600	145TC	121825.00	√	986	C145K34FK9	47	230	None	13.0	1.00	14.43	S, US, 53
	3600	56HC	115048.00	√	974	P6K34FK17	53	208-230	Man.	14.0	1.00	13.31	S, US, 53
	3600	145TC	121060.00	√	1047	P145K34FK4	51	230	Man.	13.0	1.00	14.25	S, US, 53
	1800	184TC	131631.00	√	1662	P184C17FK9	84	115/208-230	Man.	16.8	1.00	16.47	S, MX
	1800	184TC	131857.00	√	1662	P14K17FK14	104	230	Man.	13.7	1.15	17.61	S, MX, 53
5	3600	184TC	131632.00	√	1670	P184K34FK2	103	230	Man.	19.8	1.15	16.97	S, MX, 53
	1800	184TC	131633.00	√	1740	P184K17FK11	86	230	Man.	23.0	1.00	16.97	S, MX, 53
7 1/2	3600	213TC	140694.00	√	1960	C213K34FK1	120	208-230	None	32.0	1.00	19.07	S, MX, 53
	1800	215TC	140807.00	√	2002	C215K17FK6	171	208-230	None	33.6	1.15	20.21	S, MX, 53
10	3600	215TC	140695.00	√	2338	C215K34FK1	138	208-230	None	41.5	1.00	20.57	S, MX, 53
	1800	215TC	140678.00	√	2265	C215K17FK4	152	230	None	40.0	1.15	20.71	S, MX, 53

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Single Phase TEFC Motors

WATTSaver® Premium Efficiency Motors

Features:

- High starting torque
- Capacitor start / capacitor run designs for higher efficiency
- Reduced running amps
- Energy saving designs

Single Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥ Notes
1/3	1800	56	113765.00	√	555	M6K17FB33	27	115/208-230	Man.	1.7	1.15	76	10.81	S, US
1/2	1800	56	113766.00	√	616	M6K17FB34	30	115/208-230	Man.	2.5	1.15	78	11.31	S, US
3/4	1800	56	113767.00	√	727	M6K17FB35	35	115/208-230	Man.	3.2	1.15	82	11.81	S, US
1	1800	56	113768.00	√	834	M6K17FB36	37	115/208-230	Man.	4.2	1.15	83	12.31	S, US
1 1/2	1800	56H	113769.00	√	948	M6K17FB37	43	115/208-230	Man.	6.5	1.15	84	13.31	S, US
2	1800	56HZ	113770.00	√	1303	M6K17FB38	49	230	Man.	8.2	1.15	85	14.25	S, US

Green items are Premium Efficient

♥ Note listing on inside back flap

Specifications are subject to change without notice

Single Phase TENV - General Purpose

Single Phase - TENV - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥ Notes
1/6	3600	42	092011.00	√	353	C42C34NB1	16	115/208-230	None	1.0	1.00	9.56	S, US
	1800	42	092012.00	C/A	374	C42C17NB1	21	115/208-230	None	1.8	1.00	10.56	S, US
1/4	3600	42	092013.00	C/A	379	C42C34NB2	21	115/208-230	None	1.7	1.00	10.56	S, US
	1800	48	100361.00	√	363	C4C17NB4	17	115/208-230	None	2.2	1.15	9.43	S, MX
	1800	S56	102914.00	√	367	C4C17NH9	24	115/208-230	None	2.3	1.15	9.81	S, MX
	1800	S56	102915.00	√	414	A4C17NH10	23	115/208-230	Auto.	2.3	1.15	9.81	S, MX
1/3	3600	48	100362.00	√	349	C4C34NB2	24	115/208-230	None	2.0	1.00	9.93	S, MX
	1800	S56	102912.00	√	402	C4C17NH7	25	115/208-230	None	2.6	1.15	10.81	S, MX
	1800	S56	102913.00	C/A	460	M4C17NH8	25	115/208-230	Man.	2.6	1.15	10.31	S, MX
	1800	S56	102911.00	√	456	A4C17NH6	24	115/208-230	Auto.	2.6	1.15	10.31	S, MX
1/2	3600	48	100366.00	√	400	C4C34NB3	27	115/208-230	None	2.9	1.00	10.43	S, MX

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Single Phase TEFC Motors

Pressure Washer Pump Motors & Resilient Base Motors

General Specifications:
Motors specially suited for hot or cold pressure washer applications and other single phase installations requiring minimum starting and running amperages.

Mechanical Features:
- Double shielded ball bearings
- Dynamically balanced rotors

Electrical Features:
- Windings dipped in heavy duty varnish system
- Capacitor start / capacitor run designs to reduce amp draw
- Manual reset overload protection

Single Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥ Notes
3/4	3600	56	110108.00	√	471	M6C34FB7	26	115/208-230	Man.	5.0	1.15	11.31	S, US
	1800	56	110022.00	√	640	M6C17FB7	29	115/208-230	Man.	5.4	1.15	11.31	S, US
1	3600	56	110142.00	√	576	M6C34FB2	28	115/208-230	Man.	6.0	1.15	11.81	S, US
	1800	56	110023.00	√	724	M6C17FB8	29	115/208-230	Man.	6.4	1.15	11.81	S, US
	1800	143T	120008.00	√	724	M143C17FB2	31	115/208-230	Man.	6.4	1.15	12.75	S, US
1 1/2	3600	56	110109.00	√	793	M6C34FB8	31	115/208-230	Man.	8.5	1.00	12.31	S, US
	1800	56H	113333.00	√	820	M6K17FB32	38	115/208-230	Man.	8.6	1.00	12.81	S, US, 6, 53
	1800	145T	120009.00	√	820	M145K17FB2	42	115/208-230	Man.	8.6	1.00	13.25	S, US, 53
2	3600	56H	110402.00	√	925	P6C34FB23	41	115/208-230	Man.	10.0	1.00	13.31	S, US, 6, 53
	3600	145T	120395.00	√	935	P145C34FB5	44	115/208-230	Man.	10.0	1.00	13.75	S, US
	1800	145T	120867.00	√	1176	P145K17FB22	48	115/208-230	Man.	9.2	1.00	13.75	S, US, 53
3	3600	56H	116705.00	√	964	P6K34FB31	53	230	Man.	14.0	1.00	13.81	S, US, 6, 53
	1800	184T	131855.00	√	1303	P184K17FB26	88	230	Man.	13.7	1.15	16.86	S, MX, 53
5	3600	184T	132042.00	√	1629	P184K34FB9	103	230	Man.	19.8	1.15	16.97	S, MX, 53
	1800	184T	131856.00	√	1515	P184K17FB25	95	230	Man.	21.0	1.00	17.86	S, MX, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

Resilient Base Motors - Single Phase - General Purpose or Fan Duty

General Specifications:
- Industrial quality resilient base
- Moderate starting torque
- Belt driven fans or fan on shaft applications
- Capacitor start designs

Single Phase - TEFC • Resilient Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥ Notes
1/2	1800	56	110025.00	√	560	A6C17FR1	26	115/208-230	Auto.	4.4	1.15	11.96	S, US
3/4	1800	56	110026.00	√	671	A6C17FR2	28	115/208-230	Auto.	5.4	1.15	12.46	S, US
1	1800	56H	111915.00	√	762	A6C17FR10	31	115/208-230	Auto.	6.4	1.15	12.96	S, US, 6

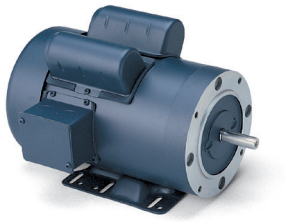
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Single Phase - C Face Motors

Pressure Washer Pump Motors



Application Information:
Motors specially suited for hot or cold pressure washer applications and other single phase installations requiring minimum starting and running amperages.

Mechanical Features:
- Double shielded ball bearings
- Dynamically balanced rotors

Electrical Features:
- Windings dipped in heavy duty varnish system
- Capacitor start / capacitor run designs to reduce amp draw
- Manual reset overload protection
- High service factor

Single Phase - TEFC - C-Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	116485.00	C/A	654	M6C17FK81	29	115/208-230	Man.	3.2	1.15	10.81	S, US, 57
1/2	1800	56C	116486.00	√	751	M6C17FK80	23	115/208-230	Man.	4.4	1.15	10.81	S, US, 57
3/4	1800	56C	116487.00	√	873	M6C17FK79	30	115/208-230	Man.	5.4	1.15	11.31	S, US, 57
1	3600	56C	115877.00	√	550	M6C34FK78	28	115/208-230	Man.	6.0	1.15	11.81	S, US
	1800	56C	115879.00	√	734	M6C17FK80	32	115/208-230	Man.	6.4	1.15	11.81	S, US
1 1/2	3600	56C	115024.00	√	748	M6K34FK16	35	115/208-230	Man.	6.2	1.15	12.31	S, US, 53
	1800	56HC	116703.00	√	877	M6K17FK50	39	115/208-230	Man.	8.6	1.15	12.81	S, US, 53
2	3600	56HC	114995.00	√	890	P6K34FK15	42	115/208-230	Man.	9.2	1.15	13.31	S, US, 53
	1800	145TC	121465.00	√	1176	P145K17FK10	44	115/208-230	Man.	9.2	1.00	13.75	S, US, 53
3	3600	56HC	115048.00	√	974	P6K34FK17	53	115/208-230	Man.	14.0	1.00	13.81	S, US, 53
	1800	184TC	131857.00	√	1662	P14K17FK14	104	230	Man.	13.7	1.15	17.61	S, MX, 53
5	3600	184TC	131632.00	√	1670	P184K34FK2	106	230	Man.	19.8	1.15	16.97	S, MX, 53
	1800	184TC	131633.00	√	1740	P184K17FK11	107	230	Man.	23.0	1.00	16.97	S, MX, 53

C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Single Phase C Face Motors

Unit Handling Motors

Applications Include:

Unit and baggage handling, conveyors, packaging equipment, machine tools, elevators and door openers where a conduit box at 12:00 position is needed due to mounting size restrictions

Features include:

- Low profile conduit box at the 12:00 position
- Base includes both 56H and 143-5T mounting holes and slots

Single Phase - TEFC - C Face With Base

HP	RPM	Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥ Notes
1/2	1800	56C	117701.00	√	537	C6C17FK92	22	115/208-230	4.4	1.2	12.48	S, US
3/4	1800	56C	117702.00	√	584	C6C17FK94	26	115/208-230	5.4	1.2	12.98	S, US
1	1800	56C	117703.00	√	634	C6C17FK93	30	115/208-230	6.4	1.2	12.98	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Single Phase - TEFC - Rigid C Face Less Base

HP	RPM	Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥ Notes
1/2	1800	56C	117704.00	√	516	C6C17FC175	21	115/208-230	4.4	1.2	10.98	S, US
3/4	1800	56C	117705.00	√	564	C6C17FC176	25	115/208-230	5.4	1.2	11.48	S, US
1	1800	56C	117706.00	√	606	C6C17FC177	29	115/208-230	6.4	1.2	11.48	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Three Phase - Cast Iron - Three Phase Motors

150 & 170 Series - Rigid Base - General Purpose

NEMA Premium®

For reliable performance in heavy-duty industrial applications, nothing beats the LEESON Heavyweights. With their cast iron construction and 1.15 Service Factor, they are ideal for "tough to handle" applications.

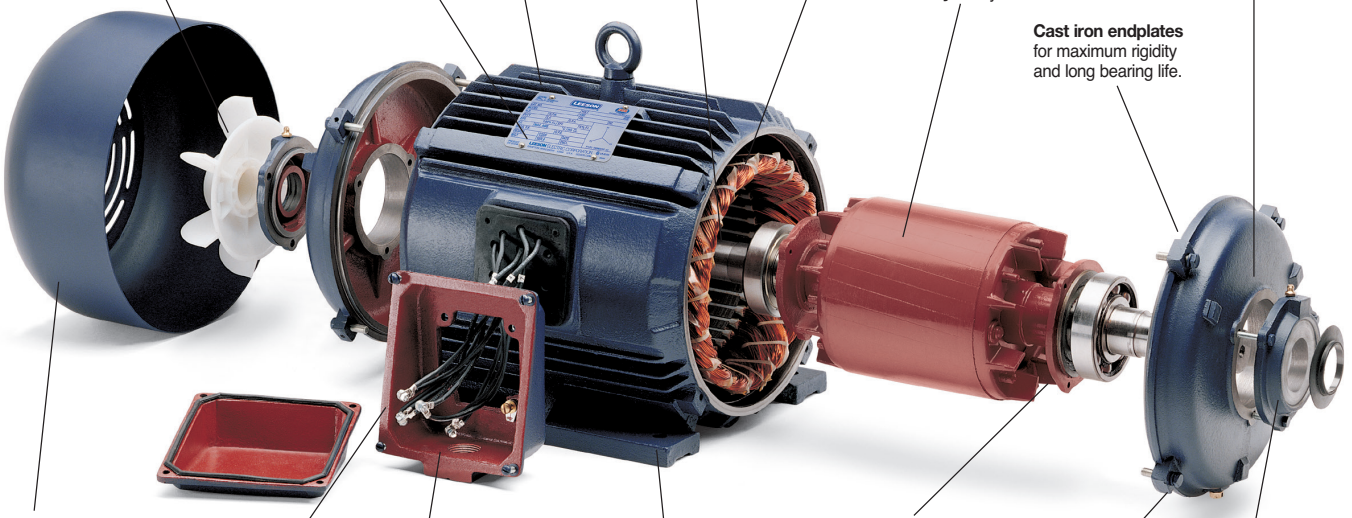
But that's only part of the story. LEESON 150 and 170-series cast iron motors are extremely versatile and can be field converted in minutes to a number of different configurations, including:

- Severe Duty TEFC (using cast iron fan guard kit)
- F2 mounting 180 frame or larger (by re-assembly)
- C face with rigid base (from stock or using C face kit)
- D flange with base (using D flange kit)

UL recognized and CSA certified.

LEESON's Inverter Rated Insulation System (IRIS™) provides superior motor protection against voltage spikes induced by variable frequency drives. This *total insulation system* protects better than spike-resistant magnet wire alone. Specially formed phase insulation, cushioned and sleeved connections (from the leads all the way into the turns), and deep-penetrating, non-hygroscopic, high temperature varnish are just a few features contributing to the extra protection. All this plus second generation, spike-resistant magnet wire. The IRIS™ *total insulation system* is standard at no extra cost in all LEESON stock NEMA three-phase motors, 1 HP and larger. The LEESON Ultimate E, "199" Series motors have our standard insulation system.

INVERTER-RATED INSULATION SYSTEM "NO-POKE" IRIS™ INSULATION SYSTEM MEETS NEMA MG 1 PART 30 & 31 FOR INVERTER-FED MOTORS PROTECTED AGAINST VFD INDUCED VOLTAGE SPIKES



Stainless steel "full fact" nameplate with information on motor efficiency and power factor. Includes wiring diagram, bearing sizes, and motor weight.

Heavy-duty cast iron frame, endbells and conduit box.

High torques for hard-to-start loads. Torques exceed NEMA performance standards.

Energy performance verified by LEESON's NVLAP-Certified testing laboratory.

Lubrication fittings on each end of motor (254T frame and larger). New Exxon POLYREX® EM lubricant for extended bearing life. Oversized bearings. Slotted-head pipe plug reliefs. Bearing caps protect against entry of grease into the motor.

Non-sparking fan. Small size reduces noise and enhances efficiency. Fan keyed to shaft.

100% copper-wound Inverter Rated Insulation System is double-dipped and baked. Stator press-fitted and pinned to housing.

1.15 Service Factor provides extra margin of power. Class F insulation system with Class B or lower temperature rise. Many suitable for 50 Hz operation at 1.0 service factor. Contact factory for details.

Dynamically balanced rotor assembly is keyed to shaft.

Cast iron endplates for maximum rigidity and long bearing life.

Steel fan cover for optimum strength. Cast iron cover available for severe service.

Internal caps on shaft-end and lead-end bearings 254T frame and larger. 182T through 215T frame motors with C-faces have locked bearing on the shaft end only. Motors are suitable for all mounting positions.

Neoprene shaft slinger protects bearings by repelling moisture and other contaminants. Internal protection against rust and corrosion.

Oversized cast iron conduit box is gasketed and may be rotated in 90° increments. NPT threaded entrance.

One-way, corrosion resistant condensate drains. (TEFC models) release condensation and moisture.

12-Lead Delta windings (254T to 405T frame and larger) for across-the-line or wye delta starts. (182T & 215T frame motors are dual voltage with nine leads. Motors above 405T frame are single voltage with six leads. 575V motors have six leads, except 213T-215T which have three leads) Permanently marked leads with lugs for easy connection. Normally-closed thermostat standard on WATTSAVERe® designs.

Cast iron mounting feet. Precision-machined for accurate alignment. Dual mounting provisions (six mounting holes) on 184T, 215T, 256T, 286T, 326T, 365T, 405T, 445T, 447T and 449T frames.

LEESON®

Three Phase - Wattsaver® Premium Efficiency Motors

General Purpose

WATTSaver

NEMA Premium®

The WATTSAVERe® line of premium efficiency motors is LEESON's unique IRIS™ voltage-spike-resistant insulation system is standard at no extra cost. WATTSAVERe® motors carry a three-year warranty in general purpose and inverter fed applications. These motors meet or exceed most utility rebate programs and the EPAct federally mandated efficiency levels. The efficiency ratings have been verified to IEEE 112B test standards by LEESON's NVLAP-Certified lab.

Cast iron 170 series motors can be field modified for forced ventilation service to extend the inverter-fed operating range and an encoder package is stocked for closed-loop vector inverter systems. These motors can be converted to IEEE841 compliant using the Custom PDQ Program. Contact LEESON.

Efficiencies meet or exceed NEMA Premium on all WATTSAVERe® motors.

Both 3/4 and full load efficiencies are listed on the stainless steel nameplate for your convenience in calculating realistic energy savings. Unique serial number identifies each motor and is stamped clearly on the metal nameplate.

Rugged cast iron construction on three phase, 1-350 HP models. These motors share features with normal efficiency 150 Series motors detailed on page 42. Add an optional cast iron fan guard for severe duty applications.

Independently verified efficiencies by the Canadian Standards Association, an internationally recognized testing laboratory. CSA Report Number EEV78720-1.

Three phase models suitable for inverter duty, as well as both 50 Hz and 60 Hz operation.

Premium efficiency motors finished with primer and chemical resistant green acrylic matte enamel. IP44 enclosure protection.

Meets or exceeds the 1997 mandated efficiency standards of the Energy Policy Act of 1992. Also meets or exceeds efficiency requirements of most electric utility rebate programs.

Modification to meet IEEE 841 available through Custom PDQ. (See page 114). Includes addition of watertight Inpro shaft seals, two-part epoxy finish, and plated hardware.

WATTSAVERe® motors comply with EISA 2007

One-way, corrosion resistant condensate drains. (TEFC models) release condensation and moisture.

Second-generation, high temperature, spike-resistant magnet wire for extended motor life. Stator impregnated with extra-heavy varnish system. 1.15 Service Factor. All WATTSAVERe® motors have Class F insulation with a Class B rise. Motors rated at 40 degrees C ambient.

INVERTER-RATED INSULATION SYSTEM "NO-POKE" IRIS INSULATION SYSTEM MEETS NEMA MG 1 PART 30 & 31 FOR INVERTER-FED MOTORS PROTECTED AGAINST VFD INDUCED VOLTAGE SPIKES

LEESON's Inverter Rated Insulation System (IRIS™) provides superior protection against voltage spikes induced by variable frequency drives. This protects better than spike-resistant magnet wire alone. Specially formed phase insulation, cushioned and sleeved connections (from the leads all the way into the turns), and deep-penetrating, non-hygroscopic, high temperature varnish are just a few features contributing to extra protection. All this plus second generation spike-resistant magnet wire.The IRIS™ is standard at no extra cost in all LEESON stock NEMA three-phase motors, 1 HP and larger. The LEESON Ultimate E, "199" Series motors have our standard insulation system.

UL and CSA Recognition

Three Phase ODP Motors

General Purpose – Drip-Proof –
208-230/460V & 460V Rigid Mount – ¼ HP – 500 HP
C Face motors – 1/4 HP – 200 HP

- Standard, EPAct and Premium efficient ratings
- Inverter-rated
- Nameplated for 50 Hz operation
- 1-year warranty on Standard efficient motors
- 2-year warranty on EPAct efficient motors
- 3-year warranty on Premium efficient motors
- Class B insulation systems, Class F 140 frame and higher
- Shielded ball bearings for direct coupled applications
  Contact your local sales office for belted load applications
- Rolled steel and cast iron designs
- UL recognized and CSA certified

NEMA Premium®

Applications:

For use where water and dust exposure is minimal. Ideally suited for use on pumps, compressors, blowers, fans and other standard industrial applications.

LEESON®

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	S56	100027.00	D	318	C4T17DH1	16	208-230/460	1.4	58.0	1.00	9.20	S, MX
	1800	S56	E100027.00	√	412	C4T17DH45	17	208-230/460	1.0	72.4	1.35	10.97	S, MX
	1800	48	LM24866	D	331	SPD4S0.25T61	19	230/460	1.3	62.0	1.35	9.30	S, US
	1800	48	LM34048	√	427	SPD4B0.25T61	20	230/460	1.0	72.4	1.35	10.59	S, MX
1/3	3600	48	101447.00	D	328	C4T34DB3	14	208-230/460	1.4	68.0	1.35	9.00	S, US
	3600	48	E101447.00	√	423	C4T34DB7	18	208-230/460		73.4	1.35		S, US
	1800	48	100446.00	D	342	C4T17DB2	17	208-230/460	1.6	64.3	1.35	9.10	S, MX
	1800	48	E100446.00	√	443	C4T17DB17	18	208-230/460	1.2	73.4	1.35	10.84	S, MX
	1800	S56	100028.00	D	336	C4T17DH2	18	208-230/460	1.6	64.3	1.35	9.50	S, MX
	1800	S56	LM24152	D	355	SRD4S0.33T61	15	230/460	1.6	67.0	1.35	11.00	S, MX
	1800	S56	LM34049	√	459	SRD4B0.33T61	23	208-230/460	1.3	77.0	1.25	10.20	S, MX
	1800	S56	103017.00	D	449	C4T17DH39	23	208-230/460	1.3	77.0	1.25	10.20	S, MX
	1800	S56	E103017.00	√	449	C4T17DH39	23	208-230/460	1.3	77.0	1.25	10.20	S, MX
	1200	56	110425.00	D	543	C6T11DB3	23	208-230/460	1.6	65.0	1.15	9.90	S, US
	1200	56	E110425.00	√	702	C6T11DH2	28	208-230/460		73.4	1.15		S, US
1/2	3600	S56	101448.00	D	347	C4T34DH7	17	208-230/460	1.8	69.0	1.25	9.40	S, US
	3600	S56	E101448.00	√	455	C4T34DH7	19	208-230/460	1.8	73.4	1.25	9.40	S, US
	3600	56	LM24869	D	360	SRD2S0.5T61	22	230/460	2.2	66.0	1.25	10.40	S, US
	1800	S56	100029.00	D	383	C4T17DH3	20	208-230/460	2.0	68.0	1.25	10.00	S, MX
	1800	S56	LM24098	D	410	SRD4S0.5T61	17	230/460	2.2	70.0	1.25	10.50	S, MX
	1800	56	LM34050	√	486	SRD4B0.5T61	25	230/460		78.2	1.25		S, MX
	1800	S56	103018.00	D	482	C4T17DH40	26	208-230/460	1.8	77.0	1.25	10.70	S, MX
	1800	56	E119351.00	√	482	C6T17DB113	29	208-230/460		78.2	1.25		S, US
	1200	56	110027.00	D	598	C6T11DB1	22	208-230/460	2.8	66.0	1.15	10.40	S, US
	1200	56	E110027.00	√	741	C6T11DB22	29	208-230/460		75.3	1.15		S, US
3/4	3600	S56	101449.00	D	412	C4T34DH8	20	208-230/460	2.4	79.0	1.25	9.90	S, US
	3600	S56	E101449.00	√	464	C4T34DH8	20	208-230/460	2.4	79.0	1.25	9.90	S, MX
	3600	56	LM24870	D	425	SRD2S0.75T61	21	230/460	3.2	74.0	1.25	10.40	S, US
	1800	S56	100030.00	D	428	C4T17DH4	24	208-230/460	2.8	75.0	1.25	10.50	S, MX
	1800	S56	LM24099	D	454	SRD4S0.75T61	20	230/460	2.8	75.5	1.25	11.00	S, MX
	1800	S56	LM34051	√	498	SRD4B0.75T61	24	230/460		81.1	1.25		S, MX
	1800	56	116738.00	D	488	C6T17DB95	30	208-230/460	2.4	81.5	1.25	10.90	S, US
	1800	56	E116738.00	√	488	C6T17DB95	30	208-230/460	2.4	81.5	1.25	10.90	S, US
	1200	56	110028.00	D	646	C6T11DB2	17	208-230/460	3.4	75.5	1.15	10.90	S, US
	1200	56	E110028.00	√	775	C6T11DB23	30	208-230/460		81.7	1.15		S, US

Continued on next page

Green items are Premium Efficient
"E" prefix items comply with SMR 2015

▼ LM Numbers are Lincoln Models

D - To be discontinued when inventory is depleted

Specifications are subject to change without notice

♥ Note listing on inside back flap

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

View On-line Technical Information

Three Phase ODP Motors

General Purpose - Standard, EPAct and Premium Efficient Motors

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1	3600	56	110426.00	D	471	C6T34DB1	22	208-230/460	3.2	77.0	1.25	9.80	S, US
	3600	56	E110426.00	√	471	C6T34DB1	22	208-230/460	3.2	77.0	1.25	9.80	S, US
	3600	56	LM24155	D	493	SRD2S1T61	24	230/460	3.7	74.0	1.25	10.40	S, US
	3600	56	116128.00	D	596	C6T34DB30	24	208-230/460	2.8	80.0	1.25	10.20	S, US
	1800	56	110029.00	D	483	C6T17DB1	22	208-230/460	4.2	78.5	1.15	10.40	S, US
	1800	S56	LM24111	D	471	SRD4S1T61	22	230/460	3.4	76.5	1.15	10.50	S, MX
	1800	56	LM34052	√	580	SRD4B1T61	26	230/460		83.5	1.15		S, MX
	1800	56HZ	115827.00	D	461	C6T17DB77	24	208-230/460	4.2	78.5	1.15	11.10	S, US, 5
	1800	56HZ	E115827.00	√	597	C6T17DB117	34	208-230/460	3.2	83.5	1.15	12.10	S, US, 5
	1800	56	116752.00	D	670	C6T17DB92	36	208-230/460	3.2	85.5	1.25	11.70	S, US
	1800	56	E116752.00	√	670	C6T17DB92	36	208-230/460	3.2	85.5	1.25	11.70	S, US
	1800	143T	121003.00	√	670	C143T17DB10	36	208-230/460	3.2	85.5	1.25	12.10	S, US
	1800	143T	LM24871	√	553	SSD4B1T61	35	230/460	3.2	85.5	1.15	12.00	S, MX
	1200	145T	121517.00	√	779	C145T11DB7	41	208-230/460	3.8	82.5	1.25	12.60	S, US
1 1/2	3600	56	110429.00	D	527	C6T34DB2	29	208-230/460	4.2	81.5	1.15	10.80	S, US
	3600	56	116753.00	D	663	C6T34DB31	36	208-230/460	4.0	84.0	1.25	11.80	S, US
	3600	56	E116753.00	√	663	C6T34DB31	36	208-230/460	4.0	84.0	1.25	11.80	S, US
	3600	143T	121514.00	√	663	C143T34DB4	36	208-230/460	4.0	84.0	1.25	12.30	S, US
	1800	56	110430.00	D	557	C6T17DB7	27	208-230/460	5.6	78.5	1.15	10.90	S, US
	1800	56H	LM24117	D	501	SRD4S1.5T61	28	230/460	4.8	80.0	1.15	10.90	S, MX, 6
	1800	56H	LM34053	√	709	SRD4B1.5T61	34	230/460		86.5	1.15		S, MX, 6
	1800	56	111309.00	C/A	615	A6T17DB26	33	208-230/460	5.6	78.5	1.15	10.90	S, US
	1800	56HZ	115825.00	D	493	C6T17DB79	34	208-230/460	5.6	78.5	1.15	11.10	S, US, 5
	1800	56HZ	E115825.00	√	699	C6T17DB114	35	208-230/460	4.8	86.5	1.15	12.60	S, US, 5
	1800	56	116754.00	D	699	C6T17DB91	35	208-230/460	4.8	86.5	1.25	12.20	S, US
	1800	56	E116754.00	√	699	C6T17DB91	35	208-230/460	4.8	86.5	1.25	12.20	S, US
	1800	145T	121004.00	√	699	C145T17DB32	35	208-230/460	4.8	86.5	1.25	12.60	S, US
	1800	145T	LM24875	√	578	SSD4B1.5T61	45	230/460	5.0	85.5	1.15	13.00	S, MX
	1200	182T	131971.00	√	918	C182T11DB9	82	208-230/460	5.6	86.5	1.15	14.70	S, MX
	1200	182T	199685.00	√	747	C182T11DB10	75	230/460	4.4	86.5	1.15	13.72	C, CN

Continued on next page

Green items are Premium Efficient
"E" prefix items comply with SMR 2015

▼ LM Numbers are Lincoln Models

C/A - Check Availability

D - To be discontinued when inventory is depleted

Specifications are subject to change without notice

♥ Note listing on inside back flap

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

View On-line Technical Information

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
2	3600	56	113292.00	D	620	C6T34DB16	33	208-230/460	5.6	82.5	1.15	11.30	S, US
	3600	56	116755.00	D	781	C6T34DB32	—	208-230/460	4.8	85.5	1.25	12.20	S, US
	3600	56	E116755.00	√	781	C6T34DB32	—	208-230/460	4.8	85.5	1.25	12.20	S, US
	3600	56H	LM24877	D	646	SRD2S2T61	25	230/460	6.2	80.0	1.15	10.40	S, US, 6
	3600	145T	121515.00	√	781	C145T34DB15	43	208-230/460	4.8	85.5	1.25	12.60	S, US
	1800	56H	113025.00	D	582	C6T17DB40	32	208-230/460	6.2	78.5	1.15	11.40	S, MX, 6
	1800	56H	LM24106	D	540	SRD4S2T61	36	230/460	6.8	81.5	1.15	11.90	S, MX, 47
	1800	56H	LM34054	C/A	806	SRD4B2T61	42	230/460		86.5	1.15		S, MX, 47
	1800	56HZ	115826.00	D	530	C6T17DB78	33	208-230/460	6.2	78.5	1.15	11.60	S, US, 5
	1800	56HZ	E115826.00	√	792	C6T17DB115	37	208-230/460	5.8	86.5	1.25	13.60	S, US, 5
	1800	56H	111310.00	C/A	710	A6T17DB27	36	208-230/460	6.2	78.7	1.15	11.40	S, US, 6, 33
	1800	56H	116756.00	D	792	C6T17DB96	37	208-230/460	5.8	86.5	1.25	13.20	S, US, 6
	1800	56H	E116756.00	√	792	C6T17DB96	37	208-230/460	5.8	86.5	1.25	13.20	S, US, 6
	1800	145T	121005.00	√	792	C145T17DB33	37	208-230/460	5.8	86.5	1.25	13.60	S, US
	1800	145T	LM24169	√	640	SSD4BT61	48	230/460	6.0	86.5	1.25	13.00	S, MX
	1200	184T	131972.00	√	933	C184T11DB9	88	208-230/460	7.2	87.5	1.15	15.20	S, MX
	1200	184T	199686.00	√	760	C184T11DB10	99	230/460	5.8	87.5	1.15	14.72	C, CN
3	3600	56H	113293.00	√	640	C6T34DB17	38	208-230/460	7.6	84.0	1.15	11.80	S, US, 6
	3600	56H	E113293.00	√	811	C6T34DB37	44	208-230/460	7.2	86.5	1.25	12.20	S, US, 6
	3600	145T	121516.00	√	791	C145T34DB16	45	208-230/460	7.2	86.5	1.25	12.60	S, US
	3600	145T	LM32731	√	720	SSD2B3T61	33	230/460	7.2	85.5	1.25	12.70	S, US
	1800	56HZ	116595.00	D	632	C6T17DB90	44	208-230/460	8.6	82.5	1.15	13.10	S, US, 5
	1800	182T	131519.00	√	810	C182T17DB37	75	208-230/460	7.9	89.5	1.25	13.70	S, MX
	1800	182T	LM24222	√	834	SSD4B3T61	56	230/460	8.0	89.5	1.25	13.20	S, MX
	1800	182T	199687.00	√	660	C182T17DB62	76	230/460	7.6	90.2	1.15	13.72	C, CN
	1200	213T	171574.60	√	1,211	C213T11DB2	156	208-230/460	10.0	88.5	1.25	16.40	C, CN
	1200	213T	199688.00	√	1,042	C213T11DB12	156	230/460	12.4	87.5	1.15	17.52	C, CN
5	3600	184T	131986.00	√	867	C184T34DB11	86	208-230/460	12.0	86.5	1.15	15.20	S, MX
	3600	182T	199689.00	√	696	C182T34DB8	126	230/460	12.4	87.5	1.15	13.72	C, CN
	1800	184T	131520.00	√	913	C184T17DB44	86	208-230/460	12.8	89.5	1.25	15.20	S, MX
	1800	184T	LM24202	√	935	SSD4BT61	91	230/460	12.6	89.5	1.25	15.20	S, MX
	1800	184T	199690.00	√	743	C184T17DB84	86	230/460	12.8	89.5	1.15	14.72	C, CN
	1200	215T	171575.60	√	1,531	C215T11DB6	188	208-230/460	15.0	90.2	1.25	16.40	C, CN
	1200	215T	199691.00	√	1,213	C215T11DB10	281	230/460	14.0	89.5	1.15	17.52	C, CN
7 1/2	3600	184T	131988.00	√	1,254	C184T34DB12	106	208-230/460	17.6	88.5	1.15	16.20	S, MX
	3600	184T	199692.00	√	856	C184T34DB17	143	230/460	18.0	88.5	1.15	14.72	C, CN
	1800	213T	140470.00	√	1,145	C213T17DB2	133	208-230/460	20.6	91.0	1.25	16.30	S, MX
	1800	213T	LM24194	√	1,317	SSD4B7.5T61	121	230/460	19.2	91.0	1.25	18.50	S, US
	1800	213T	170142.60	√	1,215	C213T17DB44	163	208-230/460	19.8	91.0	1.25	16.40	C, CN
	1800	213T	199693.00	√	961	C213T17DB49	160	230/460	19.0	91.7	1.15	17.52	C, CN
	1200	254T	170145.60	√	1,917	C254T11DB43	291	208-230/460	22.4	91.7	1.25	20.94	C, CN
	1200	254T	199694.00	√	1,517	C254T11DB46	281	230/460	21.0	90.2	1.15	22.64	C, CN

Continued on next page

Green items are Premium Efficient
"E" prefix items comply with SMR 2015

▼ LM Numbers are Lincoln Models

C/A - Check Availability

D - To be discontinued when inventory is depleted

Specifications are subject to change without notice

♥ Note listing on inside back flap

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

View On-line Technical Information

Three Phase ODP Motors

General Purpose - Standard, EPAct and Premium Efficient Motors

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
10	3600	213T	140753.00	√	1,321	C213T34DB4	160	208-230/460	23.4	89.5	1.15	17.30	S, MX
	3600	213T	LM32740	√	1,396	SSD2B10T61	138	230/460	24.0	89.5	1.25	18.00	S, US
	3600	213T	170143.60	√	1,405	C213T34DB45	153	208-230/460	23.6	91.0	1.15	16.40	C, CN
	3600	213T	199695.00	√	1,098	C213T34DB48	150	230/460	23.0	89.5	1.15	17.52	C, CN
	1800	215T	140472.00	√	1,353	C215T17DB15	144	208-230/460	26.8	91.7	1.25	17.30	S, MX
	1800	215T	LM24193	√	1,471	SSDB10T61	155	230/460	25.0	91.7	1.25	18.50	S, US
	1800	215T	170144.60	√	1,433	C215T17DB49	203	208-230/460	25.6	91.7	1.15	17.90	C, CN
	1800	215T	199696.00	√	1,135	C215T17DB58	220	230/460	25.6	91.7	1.15	17.52	C, CN
	1200	256T	170146.60	√	2,389	C256T11DB45	305	208-230/460	29.6	91.7	1.25	22.60	C, CN
	1200	256T	199697.00	√	1,891	C256T11DB48	305	230/460	27.6	91.7	1.15	24.22	C, CN
15	3600	215T	140754.00	√	1,755	C215T34DB4	170	208-230/460	35.0	91.0	1.15	18.60	S, MX
	3600	215T	LM32743	√	1,865	SSD2B15T61	135	230/460	35.0	90.2	1.25	18.50	S, US
	3600	215T	170064.60	√	1,888	C215T34DB3	178	208-230/460	34.6	91.0	1.25	17.90	C, CN
	3600	215T	199698.00	√	1,608	C215T34DB6	184	230/460	35.0	91.0	1.15	17.52	C, CN
	1800	254T	170065.60	√	1,908	C254T17DB9	289	208-230/460	37.0	93.0	1.15	20.90	C, CN
	1800	254T	LM24190	√	2,194	CCD4B15T61	300	230/460	37.0	93.0	1.25	22.90	C, US
	1800	254T	199699.00	√	1,840	C254T17DB46	310	230/460	36.5	93.0	1.15	22.64	C, CN
	1200	284T	170067.60	√	3,146	C284T11DB7	445	208-230/460	39.4	92.4	1.25	23.50	S, CN
	1200	284T	199700.00	√	2,490	C284T11DB9	414	230/460	40.0	91.7	1.15	25.71	C, CN
20	3600	254T	170032.60	√	2,370	C254T34DB5	285	208-230/460	46.0	93.0	1.15	20.90	C, CN
	3600	254T	199701.00	√	1,853	C254T34DB6	300	230/460	45.0	91.7	1.15	22.64	C, CN
	1800	256T	170006.60	√	2,330	C256T17DB5	334	208-230/460	51.0	93.0	1.15	22.60	C, CN
	1800	256T	LM24199	√	2,531	CCD4B20T61	350	230/460	48.0	93.0	1.25	24.40	C, US
	1800	286T	LM32746	√	3,466	SSD4B20T61	233	230/460	48.0	93.0	1.25	25.20	S, US
	1800	256T	199702.00	√	1,945	C256T17DB12	360	230/460	48.0	93.0	1.15	24.22	C, CN
	1200	286T	170000.60	√	3,884	C286T11DB1	467	208-230/460	55.0	92.4	1.15	25.00	C, CN
	1200	286T	199703.00	√	3,034	C286T11DB7	457	230/460	54.0	92.4	1.15	27.09	C, CN
25	3600	256T	170034.60	√	2,942	C256T34DB5	325	208-230/460	52.4	93.0	1.15	22.60	C, CN
	3600	256T	199704.00	√	2,359	C256T34DB10	315	230/460	55.0	91.7	1.15	24.22	C, CN
	1800	284T	170009.60	√	2,942	C284T17DB7	414	208-230/460	59.6	93.6	1.15	23.50	C, CN
	1800	284T	LM29576	√	3,274	CCD4B25T61Y	435	230/460	64.0	93.6	1.25	24.90	C, US
	1800	284TS	LM32748	C/A	3,274	CCD4B25TS61Y	435	230/460	64.0	93.6	1.25	23.60	C, US
	1800	284T	199705.00	√	2,295	C284T17DB11	424	230/460	62.0	93.6	1.15	25.71	C, CN
	1200	324T	170002.60	√	4,626	C324T11DB5	670	208-230/460	67.0	93.0	1.15	26.02	C, CN
	1200	324T	199706.00	√	3,614	C324T11DB7	695	230/460	68.0	93.0	1.15	28.55	C, CN
30	3600	284TS	170036.60	√	3,416	C284T34DB4	406	208-230/460	67.0	94.1	1.15	22.20	C, CN
	3600	284T	LM32687	C/A	6,344	SD2B30T61Y	348	230/460	67.0	91.7	1.25	23.00	S, US
	3600	284TS	199707.00	√	2,918	C284T34DB9	396	230/460	66.5	91.7	1.15	24.41	C, CN
	1800	286T	170013.60	√	3,189	C286T17DB8	490	208-230/460	71.0	94.1	1.15	25.00	C, CN
	1800	286T	LM29577	√	3,795	CCD4B30T61Y	400	230/460	74.0	94.1	1.25	26.80	C, US
	1800	286TS	LM32749	C/A	3,795	CCD4B39TS61Y	400	230/460	73.0	94.1	1.25	25.40	C, US
	1800	286T	199708.00	√	2,648	C286T17DB14	483	230/460	74.0	94.1	1.15	27.09	C, CN
	1200	326T	170004.60	√	4,824	C326T11DB1	760	208-230/460	78.0	93.6	1.15	27.50	C, CN
	1200	326T	199709.00	√	4,236	C326T11DB7	760	230/460	81.0	93.6	1.15	29.73	C, CN

Continued on next page

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
40	3600	286TS	170038.60	√	4,495	C286T34DB3	451	208-230/460	91.2	93.6	1.15	23.60	C, CN
	3600	286TS	LM13969	C/A	7,636	SD2B40TS61Y	389	230/460	90.0	93.6	1.25	23.30	S, US
	3600	286T	LM32750	√	7,636	SD2B40T61Y	389	230/460	90.0	92.4	1.25	24.50	S, US
	3600	286TS	199710.00	√	3,512	C286T34DB6	452	230/460	89.0	92.4	1.15	25.79	C, CN
	1800	324T	170017.60	√	4,201	C324T17DB8	591	208-230/460	96.0	94.1	1.15	26.00	C, CN
	1800	324T	LM13811	√	8,099	SD4B40T61Y	469	230/460	104.0	94.1	1.25	25.80	S, US
	1800	324TS	LM32751	C/A	8,099	SD4B40TS61Y	469	230/460	103.0	94.1	1.25	24.30	S, US
	1800	324T	199711.00	√	3,328	C324T17DB12	581	230/460	95.0	94.5	1.15	28.55	C, CN
	1200	364T	170147.60	√	6,879	C364T11DB1	892	208-230/460	103.0	94.1	1.15	28.00	C, CN
	1200	364T	199712.00	√	5,437	C364T11DB8	875	230/460	99.0	94.1	1.15	31.69	C, CN
50	3600	324TS	170040.60	√	5,483	C324T34DB3	558	208-230/460	112.0	94.1	1.25	24.50	C, CN
	3600	324T	LM32752	C/A	7,691	SD2B50T61Y	469	230/460	122.0	93.0	1.25	25.80	S, US
	3600	324TS	199713.00	√	4,281	C324T34DB6	548	230/460	113.0	93.0	1.15	27.05	C, CN
	1800	326T	170021.60	√	5,075	C326T17DB5	660	208-230/460	118.0	94.5	1.15	27.50	C, CN
	1800	326T	LM13813	√	8,199	SD4B50T61Y	522	230/460	131.0	95.0	1.25	27.30	S, US
	1800	326TS	LM32674	√	8,199	SD4B50T61Y	522	230/460	131.0	94.5	1.25	25.80	S, US
	1800	326T	199714.00	√	3,966	C326T17DB9	710	230/460	118.0	94.5	1.15	29.73	C, CN
	1200	365T	199715.00	√	6,259	C365T11DB6	930	230/460	122.0	94.1	1.15	33.27	C, CN
	1200	365T	170148.60	√	7,868	C365T11DB1	918	208-230/460	128.0	94.5	1.15	33.60	C, CN
60	3600	326TS	170042.60	√	6,557	C326T34DB5	600	208-230/460	136.0	94.1	1.25	26.00	C, CN
	3600	326TS	LM13814	√	7,469	SD2B60TS61Y	522	230/460	136.0	94.5	1.25	25.80	S, US
	3600	326T	LM32682	C/A	7,469	SDB60T61Y	522	230/460	136.0	93.6	1.25	27.30	S, US
	3600	326TS	199716.00	√	5,123	C326T34DB8	590	230/460	134.0	93.6	1.15	28.23	C, CN
	1800	364T	170025.60	√	5,588	C364T17DB7	736	208-230/460	139.0	94.1	1.15	31.50	C, CN
	1800	364T	LM14813	√	11,096	SD4B60T61Y	712	230/460	140.0	95.0	1.25	28.40	S, US
	1800	364TS	LM32753	C/A	11,096	SD4B60TS61Y	712	230/460	140.0	95.0	1.25	26.30	S, US
	1800	364T	199717.00	√	4,715	C364T17DB8	1005	230/460	139.0	95.0	1.15	31.69	C, CN
	1200	404T	170149.60	√	8,709	C404T11DB5	1031	208-230/460	159.0	94.5	1.25	32.80	C, CN
	1200	404T	199718.00	√	7,532	C404T11DB7	975	230/460	144.0	94.5	1.15	37.20	C, CN
75	3600	364TS	170044.60	√	8,664	C364T34DB3	740	208-230/460	170.0	94.1	1.15	26.90	C, CN
	3600	364TS	LM14812	√	12,062	SD2B75TS61Y	712	230/460	164.0	94.5	1.25	26.90	S, US
	3600	364T	LM32754	C/A	12,062	SD2B75T61Y	712	230/460	164.0	93.6	1.25	28.40	S, US
	3600	364TS	199719.00		6,768	C364T34DB5	937	230/460	166.0	93.6	1.15	29.57	C, CN
	1800	365T	170029.60	√	6,890	C365T17DB5	1050	208-230/460	174.0	94.5	1.15	31.20	C, CN
	1800	365T	LM14815	√	11,294	SD4B75T61Y	763	230/460	176.0	95.0	1.25	28.40	S, US
	1800	365TS	LM32755	√	11,294	SD4B75TS61Y	763	230/460	180.0	95.0	1.25	27.30	S, US
	1800	365T	199720.00		5,647	C365T17DB8	1030	230/460	174.0	95.0	1.15	33.27	C, CN
	1200	405T	170150.60	√	10,322	C405T11DB6	1275	208-230/460	199.0	94.5	1.25	34.30	C, CN
	1200	405T	199721.00		9,258	C405T11DB8	1100	230/460	180.0	94.5	1.15	38.78	C, CN
100	3600	365TS	170151.60	√	9,794	C365T34DB4	980	208-230/460	226.0	94.5	1.15	29.10	C, CN
	3600	365TS	LM14814	√	10,908	SD2B100TS61Y	763	230/460	220.0	95.0	1.25	27.30	S, US
	3600	365T	LM32756	C/A	10,908	SD2B100T61Y	763	230/460	220.0	93.6	1.25	29.40	S, US
	3600	365TS	199722.00		8,282	C365T34DB7	1016	230/460	222.0	93.6	1.15	31.14	C, CN
	1800	404T	170152.60	√	9,428	C404T17DB5	1183	208-230/460	225.0	95.4	1.25	32.80	C, CN
	1800	405T	LM13943	√	12,438	SD4B100T61Y	882	230/460	244.0	95.4	1.25	31.80	S, US
	1800	404TS	LM32757	√	12,438	SD4B100TS61Y	882	230/460	260.0	95.4	1.25	29.20	S, US
	1800	404T	199723.00		7,363	C404T17DB8	1025	230/460	226.0	95.4	1.15	37.20	C, CN
	1200	444T	170269.60	√	12,192	C444T11DB4	2604	460	118.0*	95.4	1.25	40.00	C, CN
	1200	444T	199724.00		11,493	C444T11DB6	1675	230/460	232.0	95.0	1.15	44.57	C, CN

Continued on next page

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Three Phase ODP Motors

General Purpose - Standard, EPAct and Premium Efficient Motors

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
125	3600	404TS	170154.60	√	11,322	C404T34DB1	1585	208-230/460	284.0	94.5	1.25	29.80	C, CN
	3600	404TS	LM13942	C/A	13,247	SD2B125TS61Y	882	230/460	276.0	95.0	1.25	29.20	S, US
	3600	404T	LM32758	C/A	13,247	SD2B125T61Y	882	230/460	276.0	94.1	1.25	32.00	S, US
	3600	404TS	199725.00		9,909	C404T34DB5	973	460	138.0*	94.1	1.15	35.45	C, CN
	1800	405T	170155.60	√	11,931	C405T17DB6	1292	230/460	280.0	95.4	1.25	34.30	C, CN
	1800	405TS	LM32759	√	12,581	SD4B125TS61Y	958	230/460	306.0	95.4	1.25	30.70	S, US
	1800	405T	199726.00		9,320	C405T17DB8	1150	460	140.0*	95.4	1.15	38.78	C, CN
	1200	445T	170259.60	√	15,848	C445T11DB4	2200	460	148.0*	95.8	1.25	40.00	C, CN
	1200	445T	199727.00		15,081	C445T11DB8	1799	460	145.0*	95.0	1.15	44.57	C, CN
150	3600	405TS	171449.60	√	13,968	C405T34DB2	1173	460	169.0*	94.5	1.15	31.30	C, CN
	3600	405TS	199728.00		11,594	C405T34DB4	1075	460	164.0*	94.1	1.15	35.45	C, CN
	1800	444T	171522.60	√	14,089	C444T17DB2	2150	460	164.0*	95.8	1.15	40.00	C, CN
	1800	444T	LM13817	√	16,119	SD4B150T64Y	1277	460	170.0*	95.8	1.25	37.40	S, US
	1800	444TS	LM32760	√	16,119	SD4B150TS64Y	277	460	170.0*	95.8	1.25	33.50	S, US
	1800	444T	199729.00		12,512	C444T17DB7	1275	460	168.0*	95.8	1.15	44.57	C, CN
	1200	445T	171576.60	√	17,002	C445T11DB5	2153	460	178.0*	95.8	1.25	40.00	C, CN
	1200	447T	199730.00		15,507	C447T11DB3	2050	460	172.0*	95.4	1.15	49.69	C, CN
200	3600	444TS	171573.60	√	18,576	C444T35DB1	1765	460	216.0*	95.4	1.25	36.30	C, CN
	3600	444TS	199731.00		18,035	C444T34DB2	1277	460	215.0*	95.0	1.15	40.83	C, CN
	1800	445T	171523.60	√	16,249	C445T17DB14	2037	460	220.0*	95.8	1.25	40.00	C, CN
	1800	445T	LM13820	√	19,824	SD4B200T64Y	1438	460	233.0*	96.2	1.25	39.40	S, US
	1800	445T	199732.00		15,700	C445T17DB18	1885	460	220.0*	95.8	1.15	44.57	C, CN
	1800	445TS	LM32761	√	19,824	SD4B200TS64Y	1449	460	233.0*	96.2	1.25	35.50	S, US
	1200	447T	171577.60	√	22,350	C447T11DB1	2750	460	239.0*	96.2	1.25	48.50	C, CN
	1200	449T	LM16239	√	22,226	SDB200T64Y	2112	460	255.0*	95.8	1.15	47.90	S, US
	1200	449T	199733.00		19,773	C449T11DB1	2200	460	228.0*	95.4	1.15	49.96	C, CN
250	3600	445TS	LM13761	√	23,142	SD2P250TS64Y	1438	460	266.0	94.5	1.15	35.50	S, US
	1800	445T	G151524.60	√	18,238	C445T17DB10	1940	460	284.0	95.4	1.15	40.00	C, CN
	1800	445T	LM13762	√	21,345	SD4P250T64Y	1438	460	293.0	95.4	1.15	39.40	S, US
300	3600	447TS	LM13825	C/A	34,090	SD2B300TS64Y	1745	460	316.0	96.2	1.15	39.00	S, US
	3600	447TS	LM13764	C/A	26,997	SD2P300TS64Y	1745	460	316.0	95.4	1.15	39.00	S, US
	1800	447T	LM13826	√	28,731	SD4B300T64Y	1745	460	348.0	95.8	1.15	42.90	S, US
	1800	447T	LM13765	√	22,535	SD4P300T64Y	1745	460	349.0	95.4	1.15	42.90	S, US
	1800	447TS	LM22758	C/A	22,535	SD4P300TS64Y	1745	460	349.0	95.4	1.15	39.00	S, US
	1800	445T	G151525.60	√	20,923	C445T17DB11	2345	460	329.0	95.4	1.15	40.00	C, CN
350	3600	449TS	LM16237	C/A	40,518	SD2B350TS64Y	2112	460	368.0	95.8	1.15	44.00	S, US
	3600	447TS	LM13767	C/A	30,558	SD2P350TS64Y	1745	460	369.0	95.4	1.15	39.00	S, US
	3600	449TS	LM16226	C/A	32,090	SD2P350TS64Y	2112	460	370.0	95.0	1.15	44.00	S, US
	1800	447TS	LM15159	C/A	25,933	SD4P350T64Y	1745	460	406.0	95.4	1.00	39.00	S, US
	1800	447T	G151518.60	√	23,092	N445T17DB9	2041	460	392.0	94.1	1.15	40.00	C, CN
400	3600	449TS	LM13831	C/A	44,605	SD2B400TS64Y	2112	460	430.0	95.8	1.15	44.00	S, US
	3600	449TS	LM13770	C/A	34,569	SD2P400TS64Y	2112	460	420.0	95.4	1.15	44.00	S, US
	1800	449T	LM13832	C/A	43,285	SD4B400T64Y	2112	460	445.0	96.2	1.15	47.90	S, US
	1800	449T	LM13771	C/A	32,398	SD4P400T64Y	2112	460	460.0	95.8	1.15	47.90	S, US
	1800	449TS	LM22759	C/A	32,398	SD4P400TS64Y	2112	460	460.0	95.8	1.15	44.00	S, US

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

LEESON®

Three Phase - Drip-Proof - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	S56C	103014.00	D	320	C4T17DC47	19	208-230/460	1.4	58.0	1.35	9.24	S, MX
	1800	S56C	E103014.00	√	414	C4T17DC55	20	208-230/460	1.0	69.5	1.35	10.34	S, MX
1/3	3600	S56C	100375.00	D	327	C4T34DC2	15	208-230/460	1.4	68.0	1.35	9.31	S, US
	3600	S56C	E100375.00	√	430	C4T34DC45	19	208-230/460		69.5	1.35		S, US
	1800	S56C	100048.00	D	352	C4T17DC1	17	208-230/460	1.6	64.3	1.35	9.49	S, MX
	1800	S56C	102695.00	D	443	C4T17DC45	22	208-230/460	1.3	77.0	1.25	10.24	S, MX
	1800	S56C	E102695.00	√	443	C4T17DC45	22	208-230/460	1.3	77.0	1.25	10.24	S, MX
1/2	3600	S56C	100056.00	D	349	C4T34DC1	17	208-230/460	1.8	69.0	1.25	9.31	S, US
	3600	S56C	E100056.00	√	464	C4T34DC46	19	208-230/460		73.4	1.25		S, US
	1800	S56C	100049.00	D	407	C4T17DC2	21	208-230/460	2.0	68.0	1.25	9.99	S, MX
	1800	S56C	102200.00	D	473	C4T17DC39	25	208-230/460	1.8	77.0	1.25	10.74	S, MX
	1800	56C	119352.00	√	500	C6T17DC97	29	208-230/460		78.2	1.25		S, US
	1200	56C	110434.00	D	601	C6T11DC1F	26	208-230/460	2.8	66.0	1.15	10.38	S, US
	1200	56C	E110434.00	√	755	C6T11DC12	29	208-230/460		75.3	1.15		S, US
3/4	3600	S56C	100378.00	√	416	C4T34DC3	20	208-230/460	2.4	79.0	1.25	9.81	S, US
	3600	S56C	E100378.00	√	468	C4T34DC3	20	208-230/460	2.4	79.0	1.25	9.81	S, US
	3600	56C	LM24914	D	432	SRD2S0.75TCN61	20	230/460	3.2	74.0	1.25	10.44	S, US
	1800	S56C	100050.00	D	452	C4T17DC3	24	208-230/460	2.8	75.0	1.25	10.49	S, MX
	1800	56C	LM24915	D	486	SRD4S0.75TCN61	20	230/460	3.0	75.5	1.15	10.44	S, US
	1800	56C	114934.00	D	507	C6T17DC68	29	208-230/460	2.4	81.5	1.25	10.86	S, US
	1800	56C	E114934.00	√	507	C6T17DC68	29	208-230/460	2.4	81.5	1.25	10.86	S, US
	1200	143TC	120063.00	√	652	C143T11DC1	20	208-230/460	3.0	80.0	1.15	12.12	S, US
	1200	56C	116728.00	D	652	C6T11DC11	35	208-230/460	3.4	75.5	1.15	10.88	S, US
	1200	56C	E116728.00	√	791	C6T11DC13	36	208-230/460		81.7	1.15		S, US
1	3600	56C	110111.00	√	478	C6T34DC7	22	208-230/460	3.2	77.0	1.25	9.88	S, US
	3600	56C	E110111.00	√	478	C6T34DC7	22	208-230/460	3.2	77.0	1.25	9.88	S, US
	1800	143TC	G120172.00	√	559	C143T17DC13	30	208-230/460	3.1	82.5	1.15	11.68	S, US
	1800	56C	110043.00	D	494	C6T17DC1	22	208-230/460	4.2	78.5	1.15	10.38	S, US
	1800	S56C	LM24917	D	524	SRD4S1TCN61	22	230/460	3.4	76.5	1.15	11.30	S, MX
	1800	56C	116740.00	D	736	C6T17DC80	32	208-230/460	3.4	85.5	1.25	11.68	S, US
	1800	56C	E116740.00	√	736	C6T17DC80	32	208-230/460	3.4	85.5	1.25	11.68	S, US
	1800	143TC	121064.00	√	736	C143T17DC12	32	208-230/460	3.4	85.5	1.25	12.12	S, US
	1200	145TC	G120082.00	√	770	C145T11DC5	35	208-230/460	3.6	80.0	1.15	12.62	S, US
1 1/2	3600	143TC	G121668.00	√	608	C143T34DC5	35	208-230/460	4.0	82.5	1.50	11.78	S, US
	3600	56C	110437.00	√	554	C6T34DC12	27	208-230/460	4.2	81.5	1.15	10,84	S, US
	3600	56C	E110437.00	√	716	C4T34DC48	35	208-230/460	4.0	84.0	1.25	11.80	S, US
	1800	145TC	G120081.00	√	599	C145T17DC42	37	208-230/460	4.4	84.0	1.15	12.12	S, US
	1800	56C	110044.00	D	575	C6T17DC2	27	208-230/460	5.6	78.5	1.15	10.88	S, US
	1800	56C	116741.00	D	768	C6T17DC81	36	208-230/460	5.6	86.5	1.25	12.68	S, US
	1800	56C	E116741.00	√	768	C6T17DC81	36	208-230/460	5.6	86.5	1.25	12.68	S, US
	1800	143TC	121063.00	√	768	C145T17DC30	36	208-230/460	5.6	86.5	1.25	13.12	S, US
	1200	182TC	G132250.00	C/A	805	C182T11DC4	60	208-230/460	5.7	84.0	1.15	12.70	S, MX

Continued on next page

Green items are Premium Efficient
"E" prefix items comply with SMR 2015

▼ LM Numbers are Lincoln Models

D - To be discontinued when inventory is depleted

Specifications are subject to change without notice

♥ Note listing on inside back flap

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

View On-line Technical Information

Three Phase C Face Motors

Drip-Proof - General Purpose

Three Phase - Drip-Proof - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
2	3600	143TC	G121670.00	√	682	C145T34DC12	45	208-230/460	5.2	84.0	1.15	12.18	S, US
	3600	56C	113894.00	D	641	C6T34DC63	31	208-230/460	5.6	82.5	1.15	11.34	S, US
	3600	56C	E113894.00	√	796	C6T34DC104	41	208-230/460	4.8	85.5	1.25	12.20	S, US
	3600	56HC	LM24921	D	668	SRD2S2TCN61	25	230/460	6.2	80.0	1.15	10.44	S, US
	1800	145TC	G120035.00	√	654	C145T17DC41	39	208-230/460	6.4	84.0	1.15	12.69	S, US
	1800	56C	115553.00	D	615	C6T17DC77	32	208-230/460	6.2	78.5	1.15	11.19	S, US
	1800	56C	116742.00	D	864	C6T17DC82	41	208-230/460	5.8	86.5	1.25	13.18	S, US
	1800	56C	E116742.00	√	864	C6T17DC82	41	208-230/460	5.8	86.5	1.25	13.18	S, US
	1800	145TC	121071.00	√	876	C145T17DC31	41	208-230/460	5.8	86.5	1.25	13.62	S, US
	1200	184TC	G132059.00	C/A	837	C184TIIDC5	81	208-230/460	7.2	85.5	1.15	13.63	S, MX
3	3600	145TC	G121187.00	√	702	C145T34DC10	45	208-230/460	7.6	84.0	1.15	13.63	S, US
	3600	145TC	LM32793	D	813	SSD2P3TCN61	33	230/460	7.6	84.0	1.15	11.99	S, US
	3600	56C	114420.00	D	681	C6T34DC68	37	208-230/460	7.6	84.0	1.15	11.84	S, US
	3600	56C	E114420.00	√	827	C6T34DC105	45	208-230/460	7.2	85.5	1.25	13.18	S, US
	3600	56C	LM24923	D	713	SRD2S3TCN61	31	230/460	8.4	84.0	1.15	11.44	S, US
	1800	182TC	G131489.00	√	757	C182T17DC28	57	208-230/460	8.4	86.5	1.15	12.69	S, MX
	1800	182TC	131518.00	√	926	C182T17DC20	75	208-230/460	7.8	89.5	1.25	13.20	S, MX
	1200	213TC	G140765.00	C/A	1,088	C213T11DC5	140	208-230/460	11.6	86.5	1.15	13.75	S, MX
5	3600	145TC	G121664.00	√	741	C145T34DC11	47	208-230/460	12.4	85.5	1.15	13.75	S, US
	3600	182TC	G131779.00	√	777	C182T34DC11	64	208-230/460	12.2	85.5	1.15	13.20	S, MX
	1800	184TC	G131490.00	√	796	C184T17DC27	69	208-230/460	13.2	87.5	1.15	13.69	S, MX
	1800	184TC	LM24234	√	800	SSD4P5TCN61	93	230/460	13.2	87.5	1.25	15.78	S, MX
	1800	184TC	131517.00	√	1,088	C184T17DC16	96	208-230/460	12.8	89.5	1.25	15.20	S, MX
7 1/2	3600	184TC	G131780.00	√	1,136	C184T34DC9	78	208-230/460	17.6	87.5	1.15	14.70	S, MX
	1800	213TC	G140580.00	√	1,054	C213T17DC11	144	208-230/460	20.6	88.5	1.15	15.75	S, MX
	1800	213TC	140483.00	√	1,205	C213T17DC7	132	208-230/460	20.6	91.0	1.25	16.25	S, MX
10	3600	213TC	G140688.00	√	1,295	C213T34DC1	138	208-230/460	23.4	88.5	1.15	16.53	S, MX
	1800	215TC	G140108.00	√	1,296	C215T17DC8	132	208-230/460	28.0	89.5	1.15	16.75	S, MX
	1800	215TC	140485.00	C/A	1,362	C213T17DC5	144	208-230/460	26.8	91.9	1.25	17.25	S, MX
15	3600	215TC	G140689.00	√	1,794	C215T34DC2	145	208-230/460	34.0	89.5	1.15	19.28	S, MX
	1800	254TC	G151682.60	√	1,898	C254T17DC3	265	208-230/460	37.6	91.0	1.15	21.32	C, CN
20	3600	254TC	G151683.60	√	2,283	C254T34DC3	258	208-230/460	46.6	90.2	1.15	21.38	C, CN
	1800	256TC	G151684.60	√	2,319	C256T17DC5	307	208-230/460	48.0	91.0	1.15	23.03	C, CN
25	3600	256TC	G151685.60	√	2,654	C256T34DC2	292	208-230/460	57.0	91.0	1.15	22.60	C, CN
	1800	284TC	G151686.60	√	2,826	C284T17DC2	388	208-230/460	59.6	91.7	1.15	23.54	C, CN
30	3500	284TSC	G151687.60	√	3,095	C283T34DC3	373	208-230/460	70.4	91.0	1.15	25.00	C, CN

Green items are Premium Efficient
"E" prefix items comply with SMR 2015
▼ LM Numbers are Lincoln Models
C/A - Check Availability
D - To be discontinued when inventory is depleted

♥ Note listing on inside back flap
Specifications are subject to change without notice

View On-line Technical Information

Three Phase - Drip-Proof - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	S56C	100599.00	D	401	C4T17DK1	18	208-230/460	1.6	64.3	1.35	9.49	S, MX
	1800	S56C	LM24277	D	381	SRDAS0.33TC61	15	230/460	2.2	67.0	1.35	9.80	S, MX
	1800	S56C	103021.00	D	465	C4T17DK9	23	208-230/460	1.3	77.0	1.25	10.24	S, MX
	1800	S56C	E103021.00	√	465	C4T17DK9	23	208-230/460	1.3	77.0	1.25	10.24	S, MX
1/2	3600	S56C	100600.00	D	381	C4T34DK1	17	208-230/460	2.4	69.0	1.25	9.31	S, US
	3600	S56C	E100600.00	√	493	C4T34DK18	27	208-230/460		78.2	1.25		S, US
	1800	S56C	100601.00	D	459	C4T17DK2	23	208-230/460	2.2	68.0	1.15	9.99	S, MX
	1800	S56C	103022.00	D	491	C4T17DK10	26	208-230/460	1.8	77.0	1.25	10.74	S, MX
	1800	56C	119353.00	√	514	C6T17DK40	26	208-230/460		78.2	1.25		S, US
3/4	3600	S56C	102971.00	D	439	C4T34DK9	21	208-230/460	2.4	79.0	1.25	9.85	S, US
	3600	S56C	E102971.00	√	497	C4T34DK9	21	208-230/460	2.4	79.0	1.25	9.85	S, US
	3600	56C	LM24882	D	480	SRD2S0.75TC61	21	230/460	3.2	74.0	1.25	10.44	S, US
	1800	S56C	100602.00	D	503	C4T17DK3	25	208-230/460	2.8	75.0	1.25	10.49	S, MX
	1800	S56C	LM24267	D	508	SRD4S0.75TC61	20	230/460	2.8	75.5	1.25	10.80	S, MX
	1800	S56C	LM34055	√	518	SRD4B0.75TC61	29	230/460		81.1	1.25		S, MX
	1800	56C	116762.00	D	520	C6T17DK30	30	208-230/460	2.4	81.5	1.25	10.86	S, US
	1800	56C	E116762.00	√	520	C6T17DK30	30	208-230/460	2.4	81.5	1.25	10.86	S, US
1	3600	56C	116784.00	D	501	C6T34DK16	23	208-230/460	3.2	77.0	1.15	9.84	S, US
	3600	56C	E116784.00	√	501	C6T34DK16	23	208-230/460	3.2	77.0	1.15	9.84	S, US
	1800	56C	110901.00	D	591	C6T17DK3	28	208-230/460	4.2	78.5	1.15	10.38	S, US
	1800	S56C	LM24346	D	524	SRD4S1TC61	22	230/460	3.4	76.5	1.15	11.30	S, MX
	1800	S56C	LM34056	√	755	SRD4B1TC61	34	208-230/460		83.5	1.15		S, MX
	1800	56C	116763.00	D	744	C6T17DK33	33	208-230/460	3.4	85.5	1.25	11.68	S, US
	1800	56C	E116763.00	√	744	C6T17DK33	33	208-230/460	3.4	85.5	1.25	11.68	S, US
	1800	143TC	121674.00	D	744	C143T17DK5	34	208-230/460	3.2	85.5	1.25	12.12	S, US, ♠
	1800	143TC	121935.00	√	684	C143T17DK6	34	208-230/460	3.2	85.5	1.25	12.12	S, US
1 1/2	3600	56C	116785.00	D	593	C6T34DK17	28	208-230/460	4.2	81.5	1.15	10.84	S, US
	3600	56C	E116785.00	√	731	C6T34DK20	35	208-230/460	4.0	84.0	1.25	11.80	S, US
	1800	56C	110902.00	D	620	C6T17DK4	29	208-230/460	5.6	78.5	1.15	10.88	S, US
	1800	56HC	LM24889	D	553	SRD4S1.5TC61	28	230/460	4.8	80.0	1.15	10.94	S, US, 6
	1800	56HC	LM34057	√	786	SRD4B1.5TC61	34	230/460		86.5	1.15		S, US, 6
	1800	56C	116764.00	D	770	C6T17DK32	37	208-230/460	5.6	86.5	1.15	12.68	S, US
	1800	56C	E116764.00	√	770	C6T17DK32	37	208-230/460	5.6	86.5	1.15	12.68	S, US
	1800	145TC	121675.00	√	770	C145T17DK22	37	208-230/460	5.6	86.5	1.25	13.12	S, US
2	3600	56C	114218.00	D	735	C6T34DK8	34	208-230/460	5.6	82.5	1.15	11.40	S, US
	3600	56C	E114218.00	√	808	C6T34DK25	41	208-230/460	4.8	85.5	1.25	12.20	S, US
	1800	56HC	116630.00	D	652	C6T17DK28	32	208-230/460	6.2	78.5	1.15	11.38	S, US, 6
	1800	56HC	LM24345	D	656	SRD4S2TC61	36	230/460	6.2	81.5	1.15	11.94	S, US, 6
	1800	56HC	LM34058	√	879	SRD4B2TC61	42	230/460		86.5	1.25		S, US, 6
	1800	56HC	116765.00	D	871	C6T17DK31	42	208-230/460	5.8	86.5	1.25	13.18	S, US, 6
	1800	56HC	E116765.00	√	871	C6T17DK31	42	208-230/460	5.8	86.5	1.25	13.18	S, US, 6
	1800	145TC	121676.00	√	871	C145T17DK21	42	208-230/460	5.8	86.5	1.25	13.62	S, US

Continued on next page

Green items are Premium Efficient
"E" prefix items comply with SMR 2015

D - To be discontinued when inventory is depleted
▼ LM Numbers are Lincoln Models
C/A - Check Availability
♠ - 121674.00 has an oversized conduit box
Specifications are subject to change without notice
♥ Note listing on inside back flap

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

View On-line Technical Information

Three Phase C Face Motors

Drip-Proof - General Purpose

Three Phase - Drip-Proof - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3	3600	56HC	LM24894	D	669	SRD2S3TC61	33	230/460	8.4	84.0	1.15	11.44	S, US, 6
	3600	145TC	121928.00	√	802	C145T34DK16	45	230/460	7.2	85.5	1.25	13.76	S, US
	1800	56HCZ	116631.00	D	754	C6T17DK29	38	208-230/460	8.6	82.5	1.15	13.62	S, US, 6
	1800	182TC	132081.00	√	943	C182T17DK17	76	208-230/460	7.8	89.5	1.25	14.20	S, MX
	1800	182TC	199735.00	√	765	C182T17DK42	77	230/460	7.6	90.2	1.15	14.45	C, CN
5	3600	182TC	132242.00	√	867	C184T34DK20	92	208-230/460	12.2	86.5	1.15	15.19	S, MX
	3600	182TC	199736.00	√	804	C182T34DK18	128	230/460	12.4	87.5	1.15	14.45	C, CN
	1800	184TC	132082.00	√	1,105	C184T17DK26	97	208-230/460	12.8	89.5	1.25	15.20	S, MX
	1800	184TC	199737.00	√	899	C184T17DK42	88	230/460	12.8	89.5	1.15	15.46	C, CN
7 1/2	3600	184TC	132244.00	√	1,309	C184T34DK21	106	208-230/460	17.6	88.5	1.15	16.19	S, MX
	3600	184TC	199738.00	√	976	C184T34DK26	145	230/460	18.0	88.5	1.15	15.46	C, CN
	1800	213TC	140767.00	C/A	1,215	C213T17DK7	132	208-230/460	20.8	91.0	1.25	16.25	S, MX
	1800	213TC	170170.60	√	1,180	C213T17DK15	165	208-230/460	19.8	91.0	1.15	16.38	C, CN
	1800	213TC	199739.00	√	1,125	C213T17DK45	162	230/460	19.0	91.7	1.15	18.10	C, CN
10	3600	213TC	141111.00	√	1,452	C213T34DK6	160	208-230/460	23.4	89.5	1.15	17.30	S, MX
	3600	213TC	LM32778	C/A	1,529	SSD2B10TC61	138	230/460	26.8	89.5	1.25	17.25	S, MX
	3600	213TC	170171.60	√	1,575	C213T3DK7	195	208-230/460	27.6	89.5	1.15	16.38	C, CN
	3600	213TC	199740.00	√	1,302	C213T34DK47	152	230/460	23.0	89.5	1.15	18.10	C, CN
	1800	215TC	140768.00	√	1,378	C215T17DK6	144	208-230/460	26.8	91.9	1.25	17.25	S, MX
	1800	215TC	LM32649	√	1,589	SSD4B10TC61	138	230/460	25.0	91.7	1.25	19.28	S, MX
	1800	215TC	170172.60	√	1,542	C215T17DK13	200	208-230/460	25.6	91.7	1.15	18.62	C, CN
	1800	215TC	199741.00	√	1,320	C215T17DK45	223	230/460	25.6	91.7	1.15	18.10	C, CN
15	3600	215TC	170173.60	√	2,176	C215T34DK9	200	208-230/460	34.6	90.2	1.15	17.87	C, CN
	3600	215TC	141119.00	√	1,876	C215T34DK3	170	208-230/460	35.0	91.0	1.15	18.55	S, MX
	3600	215TC	199742.00	√	1,841	C215T34DK46	187	230/460	35.0	91.0	1.15	18.10	C, CN
	1800	254TC	170175.60	√	2,202	C254T17DK7	280	208-230/460	37.0	93.0	1.15	20.94	C, CN
	1800	254TC	199743.00	√	2,146	C254T17DK11	314	230/460	36.5	93.0	1.15	23.00	C, CN
	1800	254TC	LM32781	C/A	2,497	CCD4B15TC61	326	230/460	37.0	93.6	1.25	23.31	C, US
20	3600	254TC	170070.60	√	2,631	C254T34DK6	280	208-230/460	46.6	91.0	1.15	20.94	C, CN
	3600	254TC	199744.00	√	2,323	C254T34DK8	305	230/460	45.0	91.7	1.15	23.00	C, CN
	1800	256TC	170071.60	√	2,679	C256T17DK6	340	208-230/460	51.0	93.0	1.15	22.60	C, CN
	1800	286TC	LM32783	√	3,705	SSD4B20TC61	233	230/460	48.0	93.0	1.25	29.19	S, US
	1800	256TC	199745.00	√	2,577	C256T17DK7	365	230/460	48.0	93.0	1.15	24.60	C, CN

Continued on next page

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

D - To be discontinued when inventory is depleted

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

LEESON®

Three Phase - Drip-Proof - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
25	3600	256TC	171688.60	√	3,293	C256T34DK6	383	208-230/460	57.0	92.5	1.15	23.03	C, CN
	3600	256TSC	199746.00	√	2,724	C256T34DK7	321	230/460	55.0	91.7	1.15	24.60	C, CN
	1800	284TC	170073.60	√	3,385	C284T17DK4	404	208-230/460	59.6	93.6	1.15	23.54	C, CN
	1800	284TSC	LM32785	√	3,589	CCD4B25TSC61Y	447	230/460	62.0	93.6	1.25	23.57	C, US
	1800	284TC	199747.00	√	2,996	C284T17DK5	430	230/460	62.0	93.6	1.15	25.71	C, CN
	1200	324TC	LM14535	√	5,766	SD6B25TC61Y	479	230/460	65.0	93.0	1.25	28.00	S, US
30	3600	284TSC	LM17382	√	5,891	SD2B30TSC61Y	355	230/460	67.0	93.0	1.25	21.78	S, US
	3600	284TSC	199748.00	√	3,351	C284T34DK3	401	230/460	66.5	91.7	1.15	24.41	C, CN
	1800	286TC	171377.60	√	3,875	C286T17DK5	471	208-230/460	71.0	94.1	1.15	25.00	C, CN
	1800	286TSC	LM32786	√	4,157	CCD4B30TSC61Y	400	230/460	74.0	94.1	1.25	25.44	C, US
	1800	286TC	199749.00	√	3,619	C286T17DK6	488	230/460	74.0	94.1	1.15	27.09	C, CN
40	3600	286TSC	LM17384	√	7,699	SD2B40TSC61Y	406	230/460	90.0	93.6	1.25	23.28	S, US
	3600	286TSC	199750.00	√	4,022	C286T34DK3	456	230/460	89.0	92.4	1.15	25.79	C, CN
	1800	324TC	170378.60	√	4,911	C324T17DK10	560	208-230/460	96.0	94.1	1.15	26.02	C, CN
	1800	324TC	LM13837	C/A	8,373	SD4B40TC61Y	479	230/460	103.0	94.1	1.25	25.91	S, US
	1800	324TC	199751.00	√	4,214	C324T17DK11	587	230/460	95.0	94.5	1.15	28.55	C, CN
50	3600	324TSC	LM13838	√	7,739	SD2B50TSC61Y	479	230/460	110.0	94.1	1.25	24.41	S, US
	3600	324TSC	199752.00	√	4,894	C324T34DK3	554	230/460	113.0	93.0	1.15	27.05	C, CN
	1800	326TC	170379.60	√	5,816	C326T17DK4	614	208-230/460	118.0	94.5	1.15	27.52	C, CN
	1800	326TC	LM13839	√	8,377	SD4B50TC61Y	479	230/460	130.0	94.5	1.25	27.41	S, US
	1800	326TSC	LM32655	√	8,377	SD4B50TSC61Y	532	230/460	131.0	94.5	1.25	25.91	S, US
	1800	326TC	199753.00	√	4,846	C326T17DK5	716	230/460	118.0	94.5	1.15	29.73	C, CN
60	3600	326TSC	LM13840	C/A	7,454	SD2B60TSC61Y	535	230/460	136.0	93.6	1.25	25.91	S, US
	3600	326TSC	199754.00	√	5,865	C326T34DK1	597	230/460	134.0	93.6	1.15	28.23	C, CN
	1800	364TC	171689.60	√	7,300	C364T17DK2	716	208-230/460	139.0	95.0	1.15	28.01	C, CN
	1800	364TSC	LM32787	√	11,222	SD4B60TSC61Y	724	230/460	140.0	94.5	1.25	28.35	S, US
	1800	364TC	LM15570	C/A	11,222	SD4B60TC61Y	724	230/460	140.0	95.0	1.25	28.35	S, US
	1800	364TC	199755.00	√	6,502	C364T17DK5	1011	230/460	139.0	95.0	1.15	31.69	C, CN
75	3600	364TSC	LM15569	√	11,895	SD2B75TSC61Y	724	230/460	164.0	95.0	1.25	26.27	S, US
	3600	364TSC	199756.00	√	7,711	C364T34DK1	943	230/460	166.0	93.6	1.15	29.57	C, CN
	1800	365TC	171690.60	√	8,866	C365T17BK2	766	208-230/460	172.0	95.0	1.15	31.18	C, CN
	1800	365TSC	LM32656	√	11,185	SD4B75TSC61Y	775	230/460	176.0	95.0	1.25	27.27	S, US
	1800	365TC	199816.00	√	6,850	C365T17DK3	1036	230/460	174.0	95	1.15	33.27	C, CN
100	3600	365TSC	LM15572	C/A	12,220	SD2B100TSC61Y	775	230/460	110.0	95.4	1.25	27.27	S, US
	3600	365TSC	199758.00	√	9,433	C365T34DK1	1022	230/460	222.0	93.6	1.15	31.14	C, CN
	1800	404TC	171691.60	√	11,285	C404T17DK2	1141	208-230/460	225.0	95.4	1.15	32.76	C, CN
	1800	404TSC	LM32788	√	12,071	SD4B100TSC1Y	898	230/460	130.0	95.4	1.25	29.16	S, US
	1800	404TC	199759.00	√	9,270	C404T17DK3	1033	230/460	226.0	95.4	1.15	37.20	C, CN
125	3600	404TSC	LM17388	C/A	15,647	SD2B125TSC61Y	898	230/460	138.0	95.0	1.25	29.16	S, US
	1800	405TSC	LM32657	√	12,602	SD4B125TSC61Y	974	230/460	153.0	95.4	1.25	30.66	S, US
	1800	405TC	LM17389	C/A	12,602	SD4B125TC61Y	974	230/460	153.0	95.4	1.25	33.66	S, US
150	3600	405TSC	LM17390	C/A	18,416	SD2B150TSC61Y	974	230/460	169.0	94.1	1.25	30.66	S, US
	1800	444TSC	LM32789	√	16,146	SD4B150TSC64Y	1298	460	170.0*	95.8	1.25	33.50	S, US
200	3600	444TSC	LM13795	C/A	22,571	SD2B200TSC64Y	1298	460	216.0*	95.8	1.25	33.50	S, US
	1800	445TSC	LM32677	√	19,867	SD4B200TSC64Y	1470	460	233.0*	96.2	1.25	35.50	S, US

Green items are Premium Efficient

* F.L. Amps at 460V

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Three Phase ODP Motors

ecoSaver

General Purpose
Rigid Base – C Face Less Base – C Face With Base
Premium Efficient

NEW

Motors for Small Motor Rule (SMR) 2015

- These motors comply with the DOE Small Motor Rule 2010
- This rule making takes effect on March 9, 2015

Three Phase – Drip-Proof – Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥ Notes
1/4	1800	S56	E100027.00	√	412	C4T17DH45	17	208-230/460	1.0	72.4	1.35	10.97	S, MX
	1800	48	LM34048	√	427	SPD4B0.25T61	20	230/460	1.0	72.4	1.35	10.59	S, MX
1/3	3600	48	E101447.00	√	423	C4T34DB7	18	208-230/460		73.4	1.35		S, US
	1800	48	E100446.00	√	443	C4T17DB17	18	208-230/460	1.2	73.4	1.35	10.84	S, MX
	1800	S56	LM34049	√	459	SRD4B0.33T61	23	208-230/460	1.3	77.0	1.25	10.20	S, MX
	1800	S56	E103017.00	√	449	C4T17DH39	23	208-230/460	1.3	77.0	1.25	10.20	S, MX
	1200	56	E110425.00	√	702	C6T11DH2	28	208-230/460		73.4	1.15		S, US
1/2	3600	S56	E101448.00	√	455	C4T34DH7	19	208-230/460	1.8	73.4	1.25	9.40	S, US
	1800	56	LM34050	√	486	SRD4B0.5T61	25	230/460		78.2	1.25		S, MX
	1800	56	E119351.00	√	482	C6T17DB113	29	208-230/460		78.2	1.25		S, US
	1200	56	E110027.00	√	741	C6T11DB22	29	208-230/460		75.3	1.15		S, US
3/4	3600	S56	E101449.00	√	464	C4T34DH8	20	208-230/460	2.4	79.0	1.25	9.90	S, US
	1800	S56	LM34051	√	498	SRD4B0.75T61	24	230/460		81.1	1.25		S, MX
	1800	56	E116738.00	√	488	C6T17DB95	30	208-230/460	2.4	81.5	1.25	10.90	S, US
	1200	56	E110028.00	√	775	C6T11DB23	30	208-230/460		81.7	1.15		S, US
1	3600	56	E110426.00	√	471	C6T34DB1	22	208-230/460	3.2	77.0	1.25	9.80	S, US
	1800	56	E116752.00	√	670	C6T17DB92	36	208-230/460	3.2	85.5	1.25	11.70	S, US
	1800	56	LM34052	√	580	SRD4B1T61	34	230/460		83.5	1.15		S, MX
	1800	56HZ	E115827.00	√	597	C6T17DB117	34	208-230/460	3.2	83.5	1.15	12.12	S, US, 5
1 1/2	3600	56	E116753.00	√	663	C6T34DB31	36	208-230/460	4.0	84.0	1.25	11.80	S, US
	1800	56	E116754.00	√	699	C6T17DB91	35	208-230/460	4.8	86.5	1.25	12.20	S, US
	1800	56H	LM34053	√	709	SRD4B1.5T61	34	230/460		86.5	1.15		S, MX, 6
	1800	56HZ	E115825.00	√	699	C6T17DB114	35	208-230/460	4.8	86.5	1.15	12.60	S, US, 5
2	3600	56	E116755.00	√	781	C6T34DB32	43	208-230/460	4.8	85.5	1.25	12.20	S, US
	1800	56H	E116756.00	√	792	C6T17DB96	37	208-230/460	5.8	86.5	1.25	13.20	S, US, 6
	1800	56H	LM34054	C/A	806	SRD4B2T61	42	230/460		86.5	1.15		S, MX, 47
	1800	56HZ	E115826.00	√	792	C6T17DB115	37	208-230/460	5.8	86.5	1.25	13.60	S, US, 5
3	3600	56H	E113293.00	√	811	C6T34DB37	44	208-230/460	7.2	86.5	1.25	12.20	S, US, 6

Green items are Premium Efficient
"E" prefix items comply with SMR 2015

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

▼ LM Numbers are Lincoln Models
C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

LEESON

NEW

Three Phase ODP Motors

ecoSaver

General Purpose

Rigid Base – C Face Less Base – C Face With Base

Premium Efficient

Three Phase – Drip-Proof – C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥ Notes
1/4	1800	S56C	E103014.00	√	414	C4T17DC55	20	208-230/460	1.0	69.5	1.35	10.34	S, MX
1/3	3600	S56C	E100375.00	√	430	C4T34DC45	19	208-230/460		69.5	1.35		S, US
	1800	S56C	E102695.00	√	443	C4T17DC45	22	208-230/460	1.3	77.0	1.25	10.24	S, MX
1/2	3600	S56C	E100056.00	√	464	C4T34DC46	22	208-230/460		73.4	1.15		S, MX
	1800	56C	E119352.00	√	500	C6T17DC97	29	208-230/460		78.2	1.25		S, US
	1200	56C	E110434.00	√	755	C6T11DC12	29	208-230/460		75.3	1.15		S, US
3/4	3600	S56C	E100378.00	√	468	C4T34DC3	20	208-230/460	2.4	79.0	1.25	9.81	S, US
	1800	56C	E114934.00	√	507	C6T17DC68	29	208-230/460	2.4	81.5	1.25	10.86	S, US
	1200	56C	E116728.00	√	791	C6T11DC13	36	208-230/460		81.7	1.15		S, US
1	3600	56C	E110111.00	√	478	C6T34DC7	22	208-230/460	3.2	77.0	1.25	9.88	S, US
	1800	56C	E116740.00	√	736	C6T17DC80	32	208-230/460	3.4	85.5	1.25	11.68	S, US
1 1/2	3600	56C	E110437.00	√	716	C4T34DC48	35	208-230/460	4.0	84.0	1.25	11.80	S, US
	1800	56C	E116741.00	√	768	C6T17DC81	36	208-230/460	5.6	86.5	1.25	12.68	S, US
2	3600	56C	E113894.00	√	796	C6T34DC104	41	208-230/460	4.8	85.5	1.25	12.20	S, US
	1800	56C	E116742.00	√	864	C6T17DC82	41	208-230/460	5.8	86.5	1.25	13.18	S, US
3	3600	56C	E114420.00	√	827	C6T34DC105	45	208-230/460	7.2	85.5	1.25	13.18	S, US

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

Specifications are subject to change without notice

♥ Note listing on inside back flap

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

Three Phase – Drip-Proof – C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥ Notes
1/3	1800	S56C	E103021.00	√	465	C4T17DK9	23	208-230/460	1.3	77.0	1.25	10.24	S, MX
1/2	3600	S56C	E100600.00	√	493	C4T34DK18	27	208-230/460		78.2	1.25		S, US
	1800	56C	E119353.00	√	514	C6T17DK40	29	208-230/460		78.2	1.25		S, US
3/4	3600	S56C	E102971.00	√	497	C4T34DK9	21	208-230/460	2.4	79.0	1.25	9.85	S, US
	1800	S56C	LM34055	√	518	SRD4B0.75TC61	29	208-230/460		81.1	1.15		S, MX
	1800	56C	E116762.00	√	520	C6T17DK30	30	208-230/460	2.4	81.5	1.25	10.86	S, US
1	3600	56C	E116784.00	√	501	C6T34DK16	23	208-230/460	3.2	77.0	1.15	9.84	S, US
	1800	S56C	LM34056	√	755	SRD4B1TC61	34	208-230/460		83.5	1.15		S, MX
	1800	56C	E116763.00	√	744	C6T17DK33	33	208-230/460	3.4	85.5	1.25	11.68	S, US
1 1/2	3600	56C	E116785.00	√	731	C6T34DK20	35	208-230/460	4.0	84.0	1.25	11.80	S, US
	1800	56C	E116764.00	√	770	C6T17DK32	37	208-230/460	5.6	86.5	1.15	12.68	S, US
	1800	56HC	LM34057	√	786	SRD4B1.5TC61	34	230/460		86.5	1.15		S, US, 6
2	3600	56C	E114218.00	√	808	C6T34DK25	41	208-230/460	4.8	85.5	1.25	12.20	S, US
	1800	56HC	E116765.00	√	871	C6T17DK31	42	208-230/460	5.8	86.5	1.25	13.18	S, US, 6
	1800	56HC	LM34058	√	879	SRD4B2TC61	42	230/460		86.5	1.25		S, US, 6

Green items are Premium Efficient

"E" prefix items comply with SMR 2015

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

▼ LM Numbers are Lincoln Models

Specifications are subject to change without notice

♥ Note listing on inside back flap

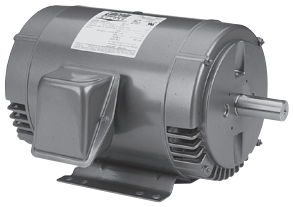
View On-line Technical Information

Three Phase ODP Motors

Compressor Duty

General Specifications:

Motors designed for air compressor, pump, fan and blower duty applications which require high breakdown torque and rugged mechanical construction.



Mechanical Features:

- Double shielded ball bearings
- Designed for belted loads
- Class F Insulation

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1	1800	143T	121003.00	√	670	C143T17DB10	36	208-230/460	3.2	85.5	1.25	12.10	S, US
	1800	143T	LM24871	√	553	SSD4B1T6	35	208-230/460	3.2	85.5	1.25	12.00	S, MX
1 1/2	1800	145T	121004.00	√	699	C145T17DB32	35	208-230/460	4.8	86.5	1.25	12.60	S, US
	1800	145T	LM24875	√	578	SSD4B1.5T6	45	208-230/460	4.4	86.5	1.25	13.00	S, MX
2	1800	145T	121005.00	√	792	C145T17DB33	37	208-230/460	5.8	86.5	1.25	13.60	S, US
	1800	145T	LM24169	√	640	SSD4B2T6	48	208-230/460	6.0	86.5	1.25	11.50	S, MX
3	1800	182T	131519.00	√	810	C182T17DB37	75	208-230/460	7.8	89.5	1.25	13.70	S, MX
	1800	182T	LM24222	√	834	SSD4B3T61	75	208-230/460	8.0	89.5	1.25	13.20	S, MX
5	1800	184T	131520.00	√	913	C184T17DB44	86	208-230/460	12.8	89.5	1.25	14.70	S, MX
	1800	184T	LM24202	√	935	SSD4B5T61	91	208-230/460	12.6	89.5	1.25	14.20	S, MX
7 1/2	1800	213T	140470.00	√	1,145	C213T17DB2	133	208-230/460	20.6	91.0	1.25	16.30	S, MX
	1800	213T	LM24194	√	1,317	SSD4B7.5T6	125	208-230/460	19.2	91.0	1.25	18.50	S, US
10	1800	215T	140472.00	√	1,353	C215T17DB15	144	208-230/460	26.8	91.7	1.25	17.30	S, MX
	1800	215T	LM24193	√	1,471	SSD4B10T6	155	208-230/460	25.0	91.7	1.25	18.50	S, US
20	1800	256T	170006.60	√	2,330	C256T17DB5	324	208-230/460	51.0	93.0	1.25	22.60	C, CN
	1800	256T	LM24199	√	2,531	CCD4B20T6	350	208-230/460	48.0	93.0	1.25	24.40	C, US

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

LEESON®

Three Phase ODP Motors

Resilient Base

General Purpose or Fan & Blower Service

General Specifications:

- Industrial quality resilient base
- Moderate starting torque
- Double shielded ball bearings
- Belt-Driven or fan-on-shaft applications

Drip-Proof - Three Phase - Resilient Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/3	3450	S56	101639.00	√	382	A4T34DJ4	17	208-230/460	Auto.	1.7	1.35	61.0	10.31	S, US, 33
	1725	S56	100210.00	√	417	C4T17DJ3	18	208-230/460	None	1.6	1.35	64.3	10.31	S, MX
	1725	S56	E100210.00	√	457		19	208-230/460	None		1.35	73.4		S, MX
	1725	S56	101520.00	√	506	A4T17DJ18	19	208-230/460	Auto.	1.6	1.35	64.3	10.81	S, MX, 33
1/2	3450	S56	101640.00	C/A	459	A4T34DJ3	18	208-230/460	Auto.	2.4	1.25	69.0	10.31	S, US, 33
	1725	S56	100145.00	√	478	C4T17DJ1	22	208-230/460	None	2.0	1.25	68.0	10.81	S, MX
	1725	S56	E119360.00	√	534		23	208-230/460	None		1.25	78.2		S, MX
	1725	S56	100796.00	√	556	A4T17DJ10	22	208-230/460	Auto.	2.0	1.25	68.0	11.31	S, MX
3/4	3450	S56	101773.00	√	480	C4T34DJ8	20	208-230/460	None	2.4	1.25	79.0	10.81	S, US
	3450	S56	E101773.00	√	480	C4T34DJ8	20	208-230/460	None	2.4	1.25	79.0	10.81	S, MX
	3450	S56	101641.00	√	560	A4T34DJ5	20	208-230/460	Auto.	2.4		79.0	11.31	S, US, 33
	1725	S56	100146.00	√	530	C4T17DJ2	25	208-230/460	None	2.8	1.25	75.0	11.31	S, MX
	1725	56	E119361.00	√	572		26	208-230/460	None		1.25	81.1		S, MX
	1725	S56	100908.00	√	603	A4T17DJ13	26	208-230/460	Auto.	2.8	1.25	75.0	11.81	S, US, 33
1	3450	56	114192.00	√	511	C6T34DR35	24	208-230/460	None	3.2	1.25	77.0	10.82	S, US
	3450	56	E114192.00	√	511	C6T34DR35	24	208-230/460	None	3.2	1.25	77.0	10.82	S, US
	3450	56	113895.00	C/A	591	A6T34DR30	25	208-230/460	Auto.	3.2	1.25	77.0	10.82	S, US, 33
	1725	56	110052.00	√	557	C6T17DR1	23	208-230/460	None	4.2	1.15	78.5	11.31	S, US
	1725	56	E110052.00	√	720	C6T17DR37	24	208-230/460	None	3.2	1.15	83.5		S, US
	1725	56H	111311.00	√	626	A6T17DR11	27	208-230/460	Auto.	4.2	1.15	78.5	11.31	S, US, 33
11/2	3450	56H	114194.00	C/A	622	C6T34DR36	31	208-230/460	None	4.2	1.15	81.5	11.82	S, US
	3450	56H	E114194.00	C/A	737	C6T34DR3	31	208-230/460	None	4.0				S, US
	3450	56H	113896.00	C/A	670	A6T34DR31	29	208-230/460	Auto.	4.2	1.15	81.5	11.82	S, US, 33
	1725	56H	110433.00	√	641	C6T17DR4	32	208-230/460	None	5.6	1.15	78.5	11.81	S, US
	1725	56H	E110433.00	√	773	C6T17DR38	33	208-230/460	None	4.8	1.15	86.5		S, US
	1725	56H	113846.00	√	664	A6T17DR25	29	208-230/460	Auto.	5.6	1.15	78.5	11.81	S, US, 49
2	3450	56H	114196.00	C/A	721	C6T34DR37	36	208-230/460	None	5.6	1.15	82.9	12.32	S, US
	3450	56H	E114196.00	C/A	814	C6T34DR38	37	208-230/460	None	4.8	1.15	85.5		S, US
	3450	56H	113897.00	√	776	A6T34DR32	39	208-230/460	Auto.	5.6	1.15	82.9	12.32	S, US, 33
	1725	56H	114197.00	√	696	C6T17DR29	37	208-230/460	None	6.2	1.15	78.5	12.31	S, US
	1725	56H	E114197.00	√	849	C6T17DR39	38	208-230/460	None	5.8	1.15	86.5		S, US
	1725	56H	113847.00	√	762	A6T17DR26	34	208-230/460	Auto.	6.2	1.15	78.5	12.31	S, US, 33
3	3450	56HZ	113926.00	√	767	U6T34DR33	40	208-230/460	Auto.	7.6	1.00	84.0	13.19	S, US, 33
	1725	56HZ	116593.00	√	835	A6T17DR33	47	230/460	Auto.	8.6	1.15	82.5	14.19	S, US, 33

Green items are Premium Efficient
"E" prefix items comply with SMR 2015

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

View On-line Technical Information

Three Phase ODP Motors

F2 Conduit Box Mount Motors - General Purpose

Three Phase - ODP - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
3	1800	182T	132232.00	√	822	C182T17DB57	75	208-230/460	7.2	1.15	89.5	13.70	S, MX
5	1800	184T	132233.00	√	913	C184T17DB77	86	208-230/460	12.8	1.15	89.5	14.70	S, MX
7 1/2	1800	213T	140831.00	C/A	1,145	C213T17DB14	133	208-230/460	20.6	1.25	91.0	16.30	S, MX

Green items are Premium Efficient

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase ODP Motors

Three Phase - Automatic Overload Protected Motors

General Specifications:

- General purpose
- Automatic reset protection
- Not for use with variable frequency inverters

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
3	1800	182T	132234.00	√	976	U182T17DB61	58	208-230/460	Auto	8.4	1.15	86.50	12.69	S, MX
5	1800	184T	132235.00	√	1,095	U184T17DB82	78	208-230/460	Auto	13.2	1.15	87.50	13.69	S, MX

Green items are Premium Efficient

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Three Phase Motors Totally Enclosed

Three Phase Motors – General Purpose – Totally Enclosed –
208-230/460V & 460V Rigid Mount – ¼ HP – 400 HP
Steel Frame – Cast Iron Frame – Aluminum Frame

- Standard, EPAct and Premium efficient ratings
- Inverter-rated
- Class B insulation systems – 42, 48 and 56 frames
- Class F insulation system – 140 frame and higher
- Shielded ball bearings for direct coupled applications
  Contact your local sales office for belted load applications
- Continuous duty
- Dynamically balanced rotors
- 1-year warranty on Standard efficient motors
- 2-year warranty on EPAct efficient motors
- 3-year warranty on Premium efficient motors
- Torques exceed NEMA performance standards
- UL recognized and CSA certified

NEMA Premium®

Applications:

- For use where exposure to water, dust and corrosives exists. Ideally suited for use on pumps, compressors, fans, blowers, conveyors, machine tools and other industrial applications.

Three Phase Motors Totally Enclosed Fan Cooled

General Purpose - Standard,
EPAct and Premium Efficient - Three Phase Motors

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	48	101646.00	√	347	C4T17FB9	18	208-230/460	1.4	58.0	1.15	9.31	S, MX
	1800	48	LM24929	√	365	SPF4S0.25T61	17	230/460	1.3	62.5	1.15	9.59	S, MX
1/3	3600	48	102684.00	√	349	C4T34FB5	18	208-230/460	1.4	68.0	1.00	8.81	S, US
	1800	48	101647.00	√	415	C4T17FB10	21	208-230/460	1.6	64.3	1.15	9.31	S, MX
	1800	S56	101079.00	√	381	C4T17FH6	22	208-230/460	1.6	64.3	1.15	9.69	S, MX
	1800	S56	LM24107	√	408	SRF4S0.33T61	16	230/460	1.6	65.5	1.15	10.22	S, MX
	1800	S56	103019.00	√	557	C4T17FH12	24	208-230/460	1.3	77.0	1.25	10.19	S, MX
	1200	56	110441.00	√	599	C6T11FB5	23	208-230/460	1.6	65.0	1.15	10.81	S, US
1/2	3600	48	100905.00	√	409	C4T34FB2	18	208-230/460	1.8	69.0	1.00	9.94	S, US
	3600	56	LM24165	√	422	SRF2S0.5T61	22	230/460	2.2	69.0	1.15	11.82	S, US
	1800	48	100961.00	√	487	C4T17FB4	21	208-230/460	2.0	73.0	1.15	9.56	S, MX
	1800	S56	100913.00	√	436	C4T17FH1	24	208-230/460	2.0	73.0	1.15	9.94	S, MX
	1800	S56	LM24073	√	466	SRF4S0.5T61	18	230/460	2.2	70.0	1.15	10.72	S, MX
	1800	S56	103020.00	√	591	C4T17FH13	27	208-230/460	1.8	77.0	1.25	10.69	S, MX
	1200	56	110353.00	√	646	C6T11FB2	26	208-230/460	2.4	70.0	1.15	11.31	S, US
	1200	56	LM24105	√	675	SRF6S0.5T61	24	230/460	2.7	68.0	1.15	11.82	S, MX
	900	56	114618.00	√	963	C6T8FB11	31	208-230/460	2.4	69.0	1.15	11.81	S, US
	900	143T	LM24291	C/A	1005	SSF8S0.5T61	31	230/460	2.6	66.0	1.15	13.37	S, US
3/4	3600	48	100960.00	√	449	C4T34FB3	21	208-230/460	2.4	79.0	1.00	10.44	S, US
	3600	56	110313.00	√	449	C6T34FB2	22	208-230/460	2.4	75.5	1.15	10.81	S, US
	3600	56	LM24133	√	466	SRF2S0.75T61	23	230/460	3.2	74.0	1.15	11.82	S, US
	1800	56	110034.00	√	465	C6T17FB1	22	208-230/460	2.8	77.0	1.15	10.81	S, US
	1800	S56	LM24075	√	501	SRF4S0.75T61	30	230/460	2.8	75.5	1.15	11.22	S, MX
	1800	56	116739.00	√	620	C6T17FB152	31	208-230/460	2.4	81.5	1.25	11.31	S, US
	1200	56	110275.00	√	646	C6T11FB3	33	208-230/460	3.0	75.5	1.15	11.81	S, US
	1200	56	LM24136	√	691	SRF6S0.75T61	28	230/460	3.2	74.0	1.15	12.32	S, MX
	1200	143T	121009.00	√	659	C143T11FB2	34	208-230/460	3.0	75.5	1.15	12.75	S, US
	1200	143T	LM24103	√	691	SSF6S0.75T61	29	230/460	3.2	74.0	1.15	12.37	S, MX
	900	145T	121199.00	√	1110	C145T8FB5	21	208-230/460	3.1	70.0	1.15	12.75	S, US
	900	145T	LM24276	√	1151	SSF8S0.75T61	49	230/460	4.8	70.0	1.15	14.87	S, US

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase Motors Totally Enclosed Fan Cooled

General Purpose - Standard, EPAct and Premium Efficient - Three Phase Motors

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number		List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1	3600	56	110145.00	√	525	C6T34FB1	24	208-230/460	3.2	77.0	1.15	10.81	S, US
	3600	56	LM24094	√	548	SRF2S1T61	24	230/460	3.7	74.0	1.15	11.82	S, US
	3600	56	116129.00	√	695	C6T34FB49	24	208-230/460	2.8	80.0	1.25	11.31	S, US
	1800	56	110035.00	√	487	C6T17FB2	30	208-230/460	3.8	77.0	1.15	11.31	S, US
	1800	56	LM24078	√	519	SRF4S1T61	27	230/460	3.6	77.0	1.15	12.32	S, MX
	1800	56	116757.00	√	762	C6T17FB151	32	208-230/460	3.2	85.5	1.25	12.81	S, US
	1800	56HZ	115830.00	√	516	C6T17FB120	33	208-230/460	3.8	77.0	1.15	12.75	S, US, 5
	1800	143T	120921.00	√	762	C143T17FB13	32	208-230/460	3.2	85.5	1.25	13.25	S, US
	1800	143T	LM32796	√	753	SSF4B1T61	41	230/460	3.2	85.5	1.25	12.93	S, MX
	1800	143T	171640.60	√	817	C145T17FB25	61	208-230/460	3.2	85.5	1.15	13.46	C, CN
	1800	143T	LM24102	√	837	CCN3BIT61	56	230/460	3.0	85.5	1.25	10.43	C, US
	1200	56	113933.00	√	669	C6T11FB13	35	208-230/460	4.0	77.0	1.15	12.31	S, US
	1200	56H	LM24159	√	697	SRF6S1T61	35	230/460	4.0	78.5	1.15	12.82	S, MX
	1200	145T	121520.00	√	901	C145T11FB20	47	208-230/460	3.8	82.5	1.25	13.75	S, US
	1200	145T	LM33121	√	864	SSF6B1T61	35	230/460	3.8	82.5	1.15	14.87	S, MX
	1200	145T	171643.60	√	962	C145T11FB25	58	208-230/460	3.8	82.5	1.25	13.46	C, CN
	900	182T	G131478.00	√	1368	C182T8FB9	57	230/460	4.2	74.0	1.15	12.96	S, MX
1 1/2	3600	56	110745.00	√	574	C6T34FB16	30	208-230/460	4.2	81.5	1.15	11.81	S, US
	3600	56	LM24144	√	602	SRF2S1.5T61	34	230/460	4.6	80.0	1.15	11.82	S, US
	3600	56	116758.00	√	789	C6T34FB50B	33	208-230/460	4.0	84.0	1.25	12.81	S, US
	3600	143T	121518.00	√	789	C143T34FB1	33	208-230/460	4.0	84.0	1.25	13.25	S, US
	3600	143T	LM33122	√	789	SSF2B1.5T61	32	230/460	4.0	84.0	1.25	13.37	S, US
	3600	143T	171642.60	√	845	C143T34FB5	49	208-230/460	4.0	84.0	1.15	13.46	C, CN
	1800	56	110444.00	√	547	C6T17FB14	30	208-230/460	5.0	78.5	1.15	11.81	S, US
	1800	56H	LM24118	√	551	SRF4S1.5T61	30	230/460	4.8	80.0	1.15	12.32	S, MX
	1800	56	116759.00	√	777	C6T17FB150	34	208-230/460	4.8	86.5	1.25	13.31	S, US
	1800	56HZ	115829.00	√	527	C6T17FB121	37	208-230/460	5.0	78.5	1.15	12.75	S, US, 5
	1800	145T	120922.00	√	791	C145T17FB33	34	208-230/460	4.8	86.5	1.15	13.75	S, US
	1800	145T	LM33123	√	791	SSF4B1.5T61	45	230/460	4.8	86.5	1.25	13.43	S, MX
	1800	145T	171646.60	√	844	C145T17FB78	69	208-230/460	4.8	86.5	1.15	13.46	C, CN
	1800	145T	LM25637	√	893	CCN4B1.5T61	62	230/460	4.4	84.0	1.25	11.43	C, US
	1200	56H	114930.00	√	768	C6T11FB17	48	208-230/460	5.7	77.0	1.15	13.31	S, US
	1200	56HZ	116591.00	√	778	C6T11FB24	45	208-230/460	5.7	77.0	1.15	13.75	S, US, 5
	1200	182T	131980.00	√	1313	C182T11FB9	89	208-230/460	5.6	87.5	1.15	15.96	S, MX
	1200	182T	199001.00	√	766	C182T11FB1	89	230/460	4.8	87.5	1.15	14.80	C, CN
	1200	182T	LM15648	D	1108	AAF6B1.5T61	83	230/460	4.4	87.7	1.25	15.19	A, US
	1200	182T	LM33561	√	1108	AAF6B1.5T61AP26	83	230/460	4.4	87.7	1.25	14.96	A, MX
	900	184T	G131479.00	√	1626	C184T8FB6	68	230/460	5.6	77.0	1.15	13.96	S, MX
	900	184T	LM32798	√	1517	AAF8P1.5T61	71	230/460	6.2	77.0	1.15	15.19	A, US

Green items are Premium Efficient

♥ Note listing on inside back flap

Continued On Next Page

▼ LM Numbers are Lincoln Models

D - To be discontinued when inventory is depleted

Specifications are subject to change without notice

View On-line Technical Information

Three Phase Motors Totally Enclosed Fan Cooled

General Purpose - Standard, EPAct and Premium Efficient - Three Phase Motors

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
2	3600	56	111916.00	√	646	C6T34FB24	33	208-230/460	5.6	82.5	1.15	12.31	S, US
	3600	56	116760.00	√	863	C6T34FB51	44	208-230/460	4.8	85.5	1.25	13.31	S, US
	3600	145T	121519.00	√	863	C145T34FB33	44	208-230/460	4.8	85.5	1.25	13.75	S, US
	3600	145T	LM33124	√	863	SSF2BT61	31	230/460	4.8	85.5	1.25	13.43	S, US
	3600	145T	171648.60	√	922	C145T34FB37	56	208-230/460	4.8	85.5	1.25	13.46	C, CN
	1800	56H	113026.00	√	595	C6T17FB65	35	208-230/460	6.2	81.5	1.15	12.31	S, US
	1800	56H	LM24097	√	585	SRF4S2T61	40	230/460	5.8	82.5	1.15	13.82	S, MX
	1800	56HZ	115828.00	√	551	C6T17FB119	37	208-230/460	6.2	81.5	1.15	12.75	S, US
	1800	56H	116761.00	√	823	C6T17FB154	45	208-230/460	5.8	86.5	1.25	14.32	S, US
	1800	145T	120923.00	√	823	C145T17FB32	45	208-230/460	5.8	86.5	1.25	14.76	S, US
	1800	145T	LM33125	√	712	SSF4B2T61	41	230/460	6.5	86.5	1.25	13.93	S, MX
	1800	145T	171647.60	√	879	C145T17FB79	68	208-230/460	5.8	86.5	1.15	13.46	C, CN
	1800	145T	LM24127	√	940	CCN4B2T61	64	230/460	6.0	85.5	1.15	11.43	C, US
	1200	184T	131981.00	√	1336	C184T11FB20	89	208-230/460	7.2	88.5	1.15	15.96	S, MX
	1200	184T	199002.00	√	923	C184T11FB1	125	230/460	6.0	88.5	1.15	15.81	C, CN
	1200	184T	LM15651	D	1133	AAF6B2T61	92	230/460	6.0	88.5	1.25	16.19	A, US
	1200	184T	LM33563	√	1148	AAF6B2T61AP26	92	230/460	6.0	88.5	1.25	14.96	A, MX
	900	213T	G140516.00	√	2245	C213T8FB3	114	230/460	8.0	82.5	1.15	18.22	S, MX
	900	213T	LM32799	√	1799	AF8P2T61	101	230/460	7.3	82.5	1.15	17.20	A, US
3	3600	56H	114614.00	√	752	C6T34FB35	40	208-230/460	7.6	84.0	1.15	13.25	S, US, 5
	3600	145T	121968.00	√	995	C145T34FB49	48	208-230/460	8.0	86.5	1.15	13.93	S, US
	3600	182T	131985.00	√	1071	C182T34FB72	66	208-230/460	7.6	86.5	1.25	13.96	S, MX
	3600	182T	199003.00	√	895	C182T34FB1	94	230/460	7.6	86.5	1.15	14.80	C, CN
	3600	182T	LM15646	D	1363	AAF2B3T61	83	230/460	7.6	87.5	1.25	15.19	A, US
	3600	182T	LM33564	√	1363	AAF2B3T61AP26	83	230/460	7.6	87.5	1.25	14.96	A, MX
	3600	182T	LM33262	C/A	1071	SSF2B3T61	75	230/460	7.6	87.5	1.15	13.46	S, MX
	1800	56HZ	116594.00	√	652	C6T17FB144	45	208-230/460	8.6	82.5	1.00	14.26	S, US
	1800	182T	131463.00	√	930	C182T17FB32	80	208-230/460	7.8	89.5	1.15	13.96	S, MX
	1800	182T	LM15647	D	1096	AAF4B3T61	83	230/460	8.0	89.5	1.25	15.19	A, US
	1800	182T	LM33486	√	986	AAF4B3T61AP26	83	230/460	8.0	89.5	1.25	14.96	A, MX
	1800	182T	LM32741	√	930	SSF4B3T61	77	230/460	7.8	89.5	1.15	13.96	S, MX
	1800	182T	171320.60	√	1044	C182T17FB42	108	208-230/460	7.8	89.5	1.25	15.89	C, CN
	1800	182T	199004.00	√	836	C182T17FB1	102	230/460	7.8	89.5	1.15	14.80	C, CN
	1200	213T	171378.60	√	1478	C213T11FB1	166	208-230/460	9.4	89.5	1.25	18.19	C, CN
	1200	213T	199005.00	√	1256	C213T11FB1	173	230/460	8.6	89.5	1.15	18.23	C, CN
	1200	213T	LM16030	√	1628	AF6B3T61	127	230/460	9.0	87.5	1.15	17.20	A, US
	1200	213T	LM34006	C/A	1256	SSF6P3T61	85	230/460	8.8	89.5	1.15	18.73	S, MX
	900	215T	G151809.22	C/A	3505	C215T8FB1	171	208-230/460	11.4	84.0	1.15	19.61	C, CA

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

D - To be discontinued when inventory is depleted

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
5	3600	184T	131987.00	√	1197	C184T34FB20	88	208-230/460	12.0	88.5	1.25	16.46	S, MX
	3600	184T	LM15649	√	1526	AAF2BT61	89	230/460	11.8	89.5	1.25	16.19	A, US
	3600	184T	LM33565	√	1461	AAF2BT61AP26	89	230/460	11.8	89.5	1.25	14.96	A, MX
	3600	184T	199006.00	√	995	C184T34FB1	109	230/460	12.0	88.5	1.15	15.81	C, CN
	3600	184T	LM15869	C/A	1526	CCF2BT61	108	230/460	11.8	88.5	1.15	15.81	C, US
	1800	184T	131464.00	√	1023	C184T17FB42	87	208-230/460	12.8	89.5	1.15	14.96	S, MX
	1800	184T	LM15650	D	1219	AAF4B5T61	104	230/460	12.4	90.2	1.25	16.19	A, US
	1800	184T	LM33487	√	1153	AAF4B5T61AP26	87	230/460	12.4	90.2	1.25	14.96	A, MX
	1800	184T	171322.60	√	1086	C184T17FB43	112	208-230/460	12.8	89.5	1.25	16.80	C, CN
	1800	184T	199007.00	√	941	C184T17FB1	117	230/460	12.4	90.2	1.15	15.81	C, CN
	1200	215T	171379.60	√	1647	C215T11FB1	176	208-230/460	14.4	89.5	1.25	19.61	C, CN
	1200	215T	199008.00	√	1559	C215T11FB1	203	230/460	14.0	90.2	1.15	19.73	C, CN
	1200	215T	LM16033	√	1888	AF6B5T61	138	230/460	13.8	89.5	1.15	18.70	A, US
	1200	215T	LM32802	√	1626	SSF6BT61	140	230/460	14.0	90.2	1.15	20.23	S, US
	900	254T	G151355.22	√	3920	C254T8FB5	188	208-230/460	14.4	88.3	1.15	23.23	C, CA
	900	254T	LM32803	√	2677	AF8P5T61	159	230/460	15.0	87.5	1.15	23.40	A, US
7 1/2	3600	213T	170158.60	√	1527	C215T11FB11	156	208-230/460	18.0	91.0	1.25	18.19	C, CN
	3600	213T	199009.00	√	1304	C213T34FB1	185	230/460	17.8	89.5	1.15	18.23	C, CN
	3600	213T	LM28968	√	1726	AF2B7.5T61	127	230/460	17.8	91.7	1.25	20.65	A, US
	3600	213T	140756.00	√	1443	C213T34FB1	156	208-230/460	17.8	90.2	1.15	19.84	S, MX
	1800	213T	140450.00	√	1315	C213T17FB6	153	208-230/460	21.4	91.7	1.25	18.70	S, MX
	1800	213T	LM32805	√	1214	SSF4B7.5T61	144	230/460	19.4	91.7	1.15	20.23	S, US
	1800	213T	LM16029	√	1813	AF4B7.5T61	127	230/460	19.2	91.1	1.25	18.70	A, US
	1800	213T	170157.60	√	1451	C213T17FB43	158	208-230/460	18.6	91.7	1.25	18.19	C, CN
	1800	213T	199010.00	√	1238	C213T17FB1	194	230/460	18.6	91.7	1.15	18.23	C, CN
	1800	213T	LM24209	√	1548	CCF4B7.5T61	180	230/460	19.2	91.7	1.25	19.70	C, US
	1200	254T	170122.60	√	2146	C254T11FB3	259	208-230/460	22.2	91.7	1.25	23.19	C, CN
	1200	254T	199011.00	√	2062	C254T11FB1	223	230/460	20.4	91.0	1.15	23.70	C, CN
	1200	254T	LM15672	√	2774	AF6B7.5T61	209	230/460	19.8	91.0	1.25	23.40	A, US
	900	256T	G151356.22	√	4672	C256T8FB42	300	208-230/460	20.0	87.7	1.15	24.96	C, CA
	900	256T	LM32807	√	3168	AF8P7.5T61	195	230/460	23.0	86.5	1.15	25.15	A, US

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

D - To be discontinued when inventory is depleted

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase Motors Totally Enclosed Fan Coolec

General Purpose - Standard,
EPAct and Premium Efficient - Three Phase Motors

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
10	3600	215T	140755.00	√	1675	C215T34FB11	170	208-230/460	23.6	91.7	1.15	21.09	S, MX
	3600	215T	LM32808	√	1816	SSF2B10T61	172	230/460	23.6	91.7	1.15	21.48	S, US
	3600	215T	170159.60	√	1809	C215T34FB47	181	208-230/460	23.4	91.7	1.25	19.61	C, CN
	3600	215T	199012.00	√	1522	C215T34FB1	217	230/460	22.8	90.2	1.15	19.73	C, CN
	3600	215T	LM16031	√	1911	AF2B10T61	185	230/460	23.6	91.7	1.25	19.70	A, US
	1800	215T	140451.00	√	1590	C215T17FB18	161	208-230/460	26.6	91.7	1.25	19.70	S, MX
	1800	215T	LM32809	√	1499	SSF4B10T61	168	230/460	26.0	91.7	1.25	21.48	S, US
	1800	215T	170140.60	√	1733	C215T17FB43	196	208-230/460	25.0	91.7	1.25	19.61	C, CN
	1800	215T	199013.00	√	1490	C215T17FB1	225	230/460	24.4	91.7	1.15	19.73	C, CN
	1800	215T	LM16032	√	1923	AF4B10T61	160	230/460	26.9	91.7	1.25	18.70	A, US
	1200	256T	170123.60	√	3070	C256T11FB4	310	208-230/460	29.0	91.7	1.25	24.92	C, CN
	1200	256T	199014.00	√	2518	C256T11FB1	368	230/460	26.8	91.0	1.15	25.43	C, CN
	1200	256T	LM15675	√	3260	AF6B10T61	236	230/460	26.2	91.0	1.25	25.15	A, US
	900	284T	G150282.22	√	5427	C284T8FB2	346	208-230/460	26.0	88.8	1.15	26.26	C, CA
15	3600	215T	170615.60	√	2274	C215T34FB13	223	208-230/460	35.0	92.4	1.15	19.61	C, CN
	3600	254T	170062.60	√	2457	C254T34FB4	292	208-230/460	35.0	92.4	1.25	23.19	C, CN
	3600	254T	199015.00	√	2038	C254T34FB1	350	230/460	34.0	91.0	1.15	23.70	C, CN
	3600	254T	LM15670	√	2620	AAF2B15T61	215	230/460	35.0	91.7	1.25	23.40	A, US
	1800	254T	170066.60	√	2345	C254T17FB10	290	208-230/460	36.0	92.4	1.25	23.19	C, CN
	1800	254T	199016.00	√	1914	C254T17FB1	375	230/460	37.0	92.4	1.15	23.70	C, CN
	1800	254T	LM15671	√	2317	AAF4B15T61	209	230/460	37.5	92.4	1.25	23.40	A, US
	1800	254T	LM24208	√	2619	CCF4B15T61	322	230/460	37.5	92.4	1.25	23.52	C, US
	1200	284T	170068.60	√	4212	C284T11FB4	380	208-230/460	40.6	92.4	1.25	26.26	C, CN
	1200	284T	199017.00	√	3277	C284T11FB1	475	230/460	39.5	91.7	1.15	27.83	C, CN
	900	286T	G150261.22	√	5962	G150261.22	480	208-230/460	40.0	91.0	1.15	27.83	C, CA
20	3600	256T	170033.60	√	3004	C256T34FB10	332	208-230/460	46.0	92.4	1.15	24.92	C, CN
	3600	256T	199018.00	√	2476	C256T34FB1	375	230/460	46.0	91.0	1.15	27.80	C, CN
	3600	256T	LM15673	√	3054	AF2B0T61	325	230/460	47.0	92.4	1.25	25.15	A, US
	1800	256T	170007.60	√	2933	C256T17FB4	332	208-230/460	49.0	93.0	1.15	24.92	C, CN
	1800	256T	199019.00	√	2406	C256T17FB1	425	230/460	48.0	93.0	1.15	27.80	C, CN
	1800	256T	LM15674	√	2907	AAF4B20T61	295	230/460	48.0	93.0	1.25	25.15	A, US
	1200	286T	170001.60	√	5267	C286T11FB6	406	208-230/460	54.0	91.7	1.15	27.83	C, CN
	1200	286T	199020.00	√	3753	C286T11FB1	550	230/460	52.0	91.7	1.15	31.34	C, CN
	900	324T	G150263.22	C/A	7169	C324T8FB3	640	208-230/460	54.0	91.0	1.15	29.53	C, CA

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase Motors Totally Enclosed Fan Cooled

General Purpose - Standard, EPAct and Premium Efficient - Three Phase Motors

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
25	3600	284TS	170035.60	√	3906	C284T34FB5	393	208-230/460	56.8	93.0	1.15	24.88	C, CN
	3600	284TS	199021.00	√	3051	C284T34FB1	475	230/460	55.5	91.7	1.15	28.82	C, CN
	3600	284TS	LM13960	√	4638	AF2B25TS61Y	385	230/460	56.0	92.4	1.25	25.25	A, US
	3600	284T	LM32811	C/A	4638	AF2B25T61Y	433	230/460	56.0	92.4	1.25	26.62	A, US
	1800	284T	170011.60	√	3689	C284T17FB5	395	208-230/460	59.0	93.6	1.15	26.26	C, CN
	1800	284T	199022.00	√	2811	C284T17FB1	500	230/460	62.0	93.6	1.15	30.16	C, CN
	1800	284T	LM13961	√	3944	AF4B25T61Y	495	230/460	64.0	93.6	1.25	26.62	A, US
	1200	324T	170003.60	√	6164	C324T11FB3	555	208-230/460	66.0	93.0	1.15	29.53	C, CN
	1200	324T	199023.00	√	4936	C324T11FB1	675	230/460	66.0	93.0	1.15	32.68	C, CN
	900	326T	G150265.22	C/A	8360	C326T8FB2	700	208-230/460	63.0	90.2	1.15	31.02	C, CA
30	3600	286TS	170037.60	√	4610	C286T34FB4	423	208-230/460	67.0	93.0	1.15	26.46	C, CN
	3600	286TS	199024.00	√	3563	C286T34FB1	500	230/460	66.0	91.7	1.15	30.00	C, CN
	3600	286T	LM32813	√	5062	AF2B30T61Y	438	230/460	66.0	92.4	1.25	28.12	A, US
	1800	286T	170015.60	√	4297	C286T17FB5	442	208-230/460	70.0	94.1	1.15	27.83	C, CN
	1800	286T	199025.00	√	3270	C286T17FB1	525	230/460	73.0	93.6	1.15	31.34	C, CN
	1800	286T	LM13964	√	4527	AF4B30T61Y	426	230/460	75.0	93.6	1.25	28.12	A, US
	1200	326T	170005.60	√	6918	C326T11FB3	624	208-230/460	77.0	93.6	1.15	31.02	C, CN
	1200	326T	199026.00	√	5295	C326T11FB1	725	230/460	80.0	93.0	1.15	33.86	C, CN

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase Motors Totally Enclosed Fan Cooled

General Purpose - Standard, EPAct and Premium Efficient - Three Phase Motors

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
40	3600	324TS	170039.60	√	5750	C324T34FB3	510	208-230/460	89.0	93.6	1.25	28.03	C, CN
	3600	324TS	199027.00	√	4700	C324T34FB1	675	230/460	88.0	92.4	1.15	31.26	C, CN
	3600	324T	LM32671	C/A	7472	SF2B40T61Y	535	230/460	88.0	93.6	1.25	28.50	S, US
	1800	324T	170019.60	√	5708	C324T17FB5	539	230/460	92.0	94.1	1.15	29.53	C, CN
	1800	324T	199028.00	√	4301	C324T17FB1	750	230/460	94.0	94.1	1.15	32.68	C, CN
	1800	324T	LM13699	√	8974	SF4B40T61Y	504	230/460	101.0	94.1	1.25	28.50	S, US
	1800	324TS	LM32686	√	8974	SF4B40TS61Y	504	230/460	101.0	94.1	1.25	27.00	S, US
	1200	364T	170096.60	√	9483	C364T11FB4	788	208-230/460	102.0	94.1	1.15	32.64	C, CN
	1200	364T	199029.00	√	7326	C364T11FB1	950	230/460	94.0	94.1	1.15	36.61	C, CN
50	3600	326TS	170041.60	√	6983	C326T34FB4	564	208-230/460	111.0	94.5	1.25	29.53	C, CN
	3600	326TS	199030.00	√	5364	C326T34FB1	725	230/460	109.0	93.0	1.15	32.44	C, CN
	3600	326T	LM32669	C/A	8915	SF2B50T61Y	558	230/460	111.0	94.1	1.25	30.00	S, US
	1800	326T	170023.60	√	6894	C326T17FB7	587	208-230/460	117.0	94.5	1.15	31.02	C, CN
	1800	326T	199031.00	√	5280	C326T17FB1	775	230/460	119.0	94.5	1.15	33.86	C, CN
	1800	326T	LM13701	√	8864	SF4B50T61Y	585	230/460	127.0	94.5	1.25	36.00	S, US
	1800	326TS	LM32815	C/A	8864	SF4B50TS61Y	558	230/460	127.0	94.5	1.25	34.50	S, US
	1200	365T	170097.60	√	11381	C365T11FB5	682	208-230/460	124.0	94.1	1.15	33.62	C, CN
	1200	365T	199032.00	√	8327	C365T11FB1	1000	230/460	117.0	94.1	1.15	38.39	C, CN
60	3600	364TS	170043.60	√	10358	C364T34FB3	758	208-230/460	136.0	94.1	1.15	30.51	C, CN
	3600	364TS	199033.00	√	7293	C364T34FB1	925	230/460	132.0	93.6	1.15	34.57	C, CN
	1800	364T	170027.60	√	9806	C364T17FB6	899	208-230/460	137.0	95.4	1.15	32.64	C, CN
	1800	364T	199034.00	√	7205	C364T17FB1	1000	230/460	138.0	95.0	1.15	36.61	C, CN
	1800	364T	LM14809	√	11979	SF4B60T61Y	765	230/460	144.0	95.0	1.25	31.90	S, US
	1200	404T	170098.60	√	13424	C404T11FB3	1035	208-230/460	142.0	94.5	1.25	36.42	C, CN
	1200	404T	199035.00	√	9756	C404T11FB1	1200	230/460	140.0	94.5	1.15	42.72	C, CN

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

LEESON®

Three Phase Motors Totally Enclosed Fan Cooled

General Purpose - Standard, EPAct and Premium Efficient - Three Phase Motors

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
75	3600	365TS	170045.60	√	12688	C365T34FB3	800	208-230/460	169.0	94.5	1.15	31.50	C, CN
	3600	365TS	199036.00	√	9058	C365T34FB1	1025	230/460	164.0	94.1	1.15	36.34	C, CN
	1800	365T	170031.60	√	12237	C365T17FB4	1028	208-230/460	171.0	95.8	1.15	33.62	C, CN
	1800	365T	199037.00	√	8852	C365T17FB1	1100	230/460	170.0	95.4	1.15	38.39	C, CN
	1800	365T	LM14811	√	11995	SF4B75T61Y	822	230/460	178.0	95.4	1.15	32.90	S, US
	1800	365TS	LM32672	√	11995	SF4B75TS61Y	822	230/460	178.0	95.4	1.25	30.77	S, US
	1200	405T	170099.60	√	14150	C405T11FB5	995	208-230/460	176.0	95.0	1.25	37.91	C, CN
	1200	405T	199038.00	√	11485	C405T11FB1	1300	230/460	174.0	94.5	1.15	42.72	C, CN
100	3600	405TS	170160.60	√	15623	C449T11FB1	975	208-230/460	218.0	95.0	1.25	34.92	C, CN
	3600	405TS	199039.00	√	10989	C405T34FB1	1250	230/460	216.0	94.5	1.15	39.76	C, CN
	1800	405T	170087.60	√	15217	C405T17FB4	1090	208-230/460	225.0	95.4	1.15	37.91	C, CN
	1800	405T	199040.00	√	10819	C405T17FB1	1375	230/460	224.0	95.4	1.15	42.72	C, CN
	1800	405T	LM13940	√	14491	SF4B100T61Y	1052	230/460	244.0	95.4	1.15	38.40	S, US
	1800	405TS	LM32819	√	14491	SF4B100TS61Y	1052	230/460	244.0	95.4	1.15	35.40	S, US
	1200	444T	170256.60	√	20142	C444T11FB6	1457	460	121.0*	95.0	1.25	42.87	C, CN
	1200	444T	199041.00	√	16936	C444T11FB1	2000	230/460	228.0	95.0	1.15	50.79	C, CN
125	3600	444TS	171580.60	√	18653	C444T34FB8	1373	460	132.0*	95.0	1.25	39.10	C, CN
	3600	444TS	199042.00	√	15350	C444T34FB1	1750	460	136.0*	95.0	1.15	47.05	C, CN
	1800	444T	170369.60	√	20203	C444T17FB5	1576	460	137.0*	95.4	1.15	42.87	C, CN
	1800	444T	199043.00	√	15163	C444T17FB1	1850	460	140.0*	95.4	1.15	50.79	C, CN
	1800	444T	LM13704	√	19371	SF4B125T64Y	1351	460	146.0*	96.2	1.15	41.58	S, US
	1800	444TS	LM32820	C/A	19371	SF4B125TS64Y	1351	460	146.0*	96.2	1.15	37.83	S, US
	1200	445T	170260.60	√	22758	C445T11FB5	1596	460	155.0*	95.4	1.25	44.88	C, CN
	1200	445T	199044.00	√	17673	C445T11FB1	2050	460	142.0*	95.0	1.15	50.79	C, CN

Green items are Premium Efficient

♥ Note listing on inside back flap

Continued On Next Page

* F.L. Amps at 460V

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Three Phase Motors Totally Enclosed Fan Cooled

General Purpose - Standard,
EPAct and Premium Efficient - Three Phase Motors

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
150	3600	445TS	171578.60	√	23022	C445T34FB3	1445	460	163.0	95.0	1.15	44.88	C, CN
	3600	445TS	199045.00	√	18855	C445T34FB1	2050	460	162.0	95.0	1.15	47.05	C, CN
	1800	445T	170371.60	√	23116	C445T17FB8	1627	460	163.0	95.8	1.15	44.88	C, CN
	1800	445T	199046.00	√	17805	C445T17FB1	2050	460	165.0	95.8	1.15	50.79	C, CN
	1800	445T	LM13707	√	22469	SF4B150T64Y	1531	460	168.0	96.2	1.15	43.58	S, US
	1800	445TS	LM32679	C/A	22469	SF4B150TS64Y	1504	460	168.0	96.2	1.15	39.49	S, US
	1200	447T	171315.60	√	25663	C447T11FB1	2230	460	185.0	95.8	1.25	48.00	C, CN
	1200	447T	199047.00	√	22471	C447T11FB1	2500	460	170.0	95.8	1.15	55.91	C, CN
200	3600	447TS	171579.60	√	26515	C447T34FB3	2100	460	216.0	95.4	1.25	48.00	C, CN
	3600	447TS	199048.00	√	22017	C447T34FB1	2300	460	215.0	95.4	1.15	52.17	C, CN
	3600	445TS	LM13709	√	35224	SF2B200TS64Y	1531	460	211.0	95.4	1.15	39.49	S, US
	1800	447T	170352.60	√	26474	C447T17FB8	2785	460	216.0	96.2	1.15	48.00	C, CN
	1800	447T	199049.00	√	21655	C447T17FB1	2350	460	225.0	96.2	1.15	55.91	C, CN
	1800	445T	LM13710	√	27788	SF4B200T64Y	1531	460	227.0	95.0	1.15	43.58	S, US
	1200	449T	171316.60	√	33614	C449T11FB1	2542	460	241.0	96.2	1.25	52.80	C, CN
	1200	449T	199050.00	√	23932	C449T11FB1	2900	460	228.0	95.8	1.15	55.91	C, CN
250	3600	449TS	LM16222	C/A	35381	SF2P250TS64Y	2185	460	263.0	95.8	1.15	47.99	S, US
	3600	4447TS	LM13556	C/A	33698	SF2P250TS64Y	1812	460	263.0	95.4	1.15	42.99	S, US
	1800	449T	G151516.60	√	28621	C449T17FB3	2541	460	274.0	95.0	1.15	52.80	C, CN
	1800	447T	LM13713	C/A	34985	SF4B250T64Y	1812	460	282.0	95.4	1.15	47.08	S, US
	1800	447T	LM13557	√	28968	SF4P250T64Y	1812	460	283.0	95.0	1.15	47.08	S, US
	1200	449T	LM30826	C/A	38146	CCF6P250T64Y	3408	460	300.0	95.4	1.15	51.86	C, US

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

LEESON®

Three Phase Motors Totally Enclosed Fan Cooled

General Purpose - Standard, EPAct and Premium Efficient - Three Phase Motors

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
300	3600	449TS	LM13715	C/A	52975	SF2B300TS64Y	2185	460	314.0	95.8	1.15	47.99	S, US
	3600	449TS	LM13559	C/A	41186	SF2P300TS64Y	2185	460	315.0	95.4	1.15	47.99	S, US
	1800	449T	G151529.60	√	32190	C449T17FB9	2558	460	327.0	95.4	1.15	52.80	C, CN
	1800	447T	LM13716	C/A	38298	SF4B300T64Y	2185	460	352.0	95.8	1.15	47.08	S, US
	1800	449T	LM17953	√	30285	SF4P300T64Y	1812	460	338.0	95.4	1.15	52.08	S, US
	1800	449TS	LM18347	C/A	30285	SF4P300TS64Y	2185	460	338.0	95.0	1.15	47.99	S, US
	1800	447T	LM13560	√	30285	SF4P300T64Y	2185	460	353.0	95.4	1.00	47.08	S, US
350	3600	449TS	LM13719	C/A	57684	SFB350TS64Y	2185	460	370.0	95.8	1.15	47.99	S, US
	3600	449TS	LM13562	C/A	45677	SF2350TS64Y	2185	460	367.0	95.4	1.00	47.99	S, US
	3600	449TS	LM19577	C/A	51710	CCF2P350TS64Y	3050	460	380.0	95.4	1.15	48.09	C, US
	1800	449T	G151530.60	√	33542	C449T17FB10	2710	460	402.0	95.4	1.15	52.80	C, CN
	1800	449T	LM13563	C/A	31368	SF4P350T64Y	2185	460	395.0	95.4	1.15	52.08	S, US
400	3600	449TS	LM13721	C/A	70447	SF2B400TS64Y	2185	460	420.0	95.4	1.00	47.99	S, US
	3600	449TS	LM13564	C/A	55792	SF2P400TS64Y	2185	460	424.0	94.1	1.00	47.99	S, US
	1800	449T	LM33803	C/A	51857	CCF4B400T64YE3	3558	460	460.0	96.5	1.15	56.71	C, US
	1800	449T	LM13565	C/A	41486	SF4P400T64Y	2185	460	447.0	95.4	1.00	52.08	S, US

Green items are Premium Efficient

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Three Phase C Face Motors

Totally Enclosed - General Purpose

Three Phase - Totally Enclosed - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/6	1800	48CZ	102662.00	√	332	C4T17FC31	15	208-230/460	0.7	71.0	1.00	9.44	S, MX
1/4	3600	48CZ	101965.00	√	435	C4T34NC11	15	208-230/460	1.0	67.0	1.00	9.03	S, US, 12
	1800	48CZ	101966.00	√	376	C4T17NC35	18	208-230/460	1.0	78.0	1.15	9.31	S, MX, 12
	1800	48CZ	101981.00	√	376	C4T17FC19	17	208-230/460	1.4	58.0	1.15	8.94	S, MX
	1800	S56C	101648.00	√	369	C4T17NC28	17	208-230/460	1.0	78.0	1.15	9.56	S, MX, 12
	1800	S56C	101767.00	√	369	C4T17FC9	19	208-230/460	1.4	58.0	1.15	9.69	S, MX
	1800	56C	LM24964	√	391	SRF4S0.25TCN61	14	230/460	1.1	71.0	1.15	11.32	S, US
1/3	3600	56C	110446.00	√	367	C6T34NC2	20	208-230/460	1.2	77.0	1.15	9.90	S, US, 12
	1800	48CZ	102664.00	√	383	C4T17FC30	20	208-230/460	1.6	64.3	1.15	9.19	S, MX
	1800	S56C	101769.00	√	396	C4T17FC10	20	208-230/460	1.6	64.3	1.15	9.69	S, MX
	1800	S56C	LM24093	√	423	SRF4S0.33TCN61	15	230/460	1.6	65.5	1.15	10.19	S, MX
	1800	S56C	102863.00	√	406	C4T17NC47	19	208-230/460	1.3	77.0	1.15	9.56	S, MX, 12
	1800	S56C	102696.00	√	555	C4T17FC33	22	208-230/460	1.3	77.0	1.25	10.19	S, MX
	1200	48C	101291.00	√	617	C4T11NC1	20	208-230/460	1.8	73.0	1.00	9.56	S, MX
	1200	56C	113311.00	√	617	C6T11FC16	22	208-230/460	1.6	65.0	1.15	10.81	S, US
	1200	56C	LM24858	√	646	SRF6S0.33TCN61	21	230/460	2.2	62.0	1.15	11.32	S, MX
1/2	3600	48C	100449.00	√	428	C4T34NC4	23	208-230/460	1.6	67.0	1.00	10.06	S, US, 12
	3600	56C	110144.00	√	428	C6T34NC1	25	208-230/460	1.6	82.5	1.15	10.40	S, US, 12
	3600	56C	114176.00	√	428	C6T34FC42	19	208-230/460	2.0	72.0	1.15	10.31	S, US
	1800	48CZ	100486.00	√	483	C4T17NC11	24	208-230/460	1.6	78.0	1.00	10.31	S, MX, 12
	1800	48CZ	102666.00	√	462	C4T17FC32	24	208-230/460	2.0	73.0	1.15	9.69	S, MX
	1800	S56C	102861.00	√	481	C4T17NC46	23	208-230/460	1.8	77.0	1.15	10.06	S, MX, 12
	1800	S56C	102860.00	√	462	C4T17FC40	19	208-230/460	2.0	73.0	1.15	10.19	S, MX
	1800	S56C	LM24083	√	516	SRF4S0.5TCN61	17	230/460	2.2	70.0	1.15	10.69	S, MX
	1800	S56C	101780.00	√	595	C4T17FC12	25	208-230/460	1.8	77.0	1.15	10.69	S, MX
	1200	56C	110163.00	√	668	C6T11FC1	25	208-230/460	2.4	70.0	1.15	11.31	S, US
	1200	56C	LM24128	√	695	SRF6S0.5TCN61	23	230/460	2.7	68.0	1.15	11.82	S, MX
	900	143TC	LM24965	√	1058	SSF8S0.5TCN61	31	230/460	2.6	66.0	1.15	13.37	S, US
3/4	3600	56C	110448.00	√	449	C6T34FC9	21	208-230/460	2.4	75.5	1.15	10.81	S, US
	3600	56C	LM24151	√	466	SRF2S0.75TCN61	22	230/460	3.2	74.0	1.15	11.82	S, US
	1800	56C	110047.00	√	500	C6T17FC1	22	208-230/460	2.8	77.0	1.15	10.81	S, US
	1800	S56C	LM24077	√	535	SRF4S0.75TCN61	21	230/460	2.8	75.5	1.15	11.19	S, MX
	1800	56C	114213.00	√	640	C6T17FC114	27	208-230/460	2.7	81.5	1.15	11.31	S, US
	1200	143TC	120097.00	√	699	C143T11FC1	32	208-230/460	3.0	80.0	1.15	10.88	S, US
	1200	56C	112378.00	√	699	C6T11FC10	29	208-230/460	3.0	75.5	1.15	11.81	S, US
	900	145TC	LM24967	√	1205	SSF8S0.75TCN61	49	230/460	4.2	70.0	1.15	14.87	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

Note 12 - TENV

Continued On Next Page

Specifications are subject to change without notice

View On-line Technical Information

Three Phase - Totally Enclosed - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1	3600	56C	110112.00	√	527	C6T34FC6	21	208-230/460	3.2	77.0	1.15	10.81	S, US
	3600	56C	LM24139	√	553	SRF2S1TCN61	24	230/460	3.7	74.0	1.15	11.82	S, US
	3600	56C	116748.00	√	712	C6T34FC97	29	208-230/460	2.8	80.0	1.25	11.31	S, US
	1800	143TC	G120024.00	√	607	C143T17FC23	34	208-230/460	3.1	82.5	1.15	11.28	S, US
	1800	143TC	LM24148	√	659	SSF4P1TCN61	28	230/460	3.6	82.5	1.25	12.87	S, MX
	1800	56C	110048.00	√	534	C6T17FC2	24	208-230/460	3.8	77.0	1.15	11.31	S, US
	1800	56C	LM24080	√	571	SRF3S1TCN61	27	230/460	3.6	77.0	1.15	12.32	S, MX
	1800	56C	114638.00	√	889	C6T17FC132	34	208-230/460	3.4	85.5	1.15	12.81	S, US
	1800	143TC	121067.00	√	889	C143T17FC16	36	208-230/460	3.4	85.5	1.15	13.25	S, US
	1200	145TC	G120098.00	√	753	C145T11FC9	35	208-230/460	3.6	80.0	1.15	12.28	S, US
	1200	145TC	LM32846	√	821	SSF6P1TCN61	33	230/460	3.6	82.5	1.15	12.50	S, US
	1200	56C	112379.00	√	686	C6T11FC11	32	208-230/460	4.0	77.0	1.15	12.31	S, US
	1200	56HC	LM24130	√	717	SRF6S1TCN61	33	230/460	4.0	78.5	1.15	12.82	S, MX
	1200	56C	116749.00	√	935	C6T11FC29	47	208-230/460	3.8	82.5	1.25	13.75	S, US
1 1/2	3600	143TC	G120105.00	√	661	C143T34FC18	27	208-230/460	4.0	82.5	1.15	11.78	S, US
	3600	56C	110192.00	√	581	C6T34FC5	28	208-230/460	4.2	81.5	1.15	11.81	S, US
	3600	56C	LM24096	√	606	SRF2S1.5TCN61	26	230/460	4.6	80.0	1.15	13.82	S, US
	3600	56C	116750.00	√	808	C6T34FC98C	33	208-230/460	4.0	84.0	1.25	11.98	S, US
	1800	145TC	G120037.00	√	634	C145T17FC62	36	208-230/460	4.4	84.0	1.15	12.13	S, US
	1800	145TC	LM24149	√	621	SSF4P1.5TCN61	31	230/460	4.4	84.0	1.25	14.37	S, MX
	1800	56C	110125.00	√	565	C6T17FC3	29	208-230/460	5.0	78.5	1.15	11.81	S, US
	1800	56C	LM24112	√	606	SRF4S1.5TCN61	29	230/460	4.8	80.0	1.15	12.32	S, MX
	1800	56C	116743.00	√	938	C6T17FC209	41	208-230/460	4.8	86.5	1.25	13.31	S, US
	1800	145TC	121066.00	√	938	C145T17FC37	41	208-230/460	4.8	86.5	1.15	13.75	S, US
	1200	182TC	G132249.00	√	879	C182T11FC4	82	208-230/460	5.6	85.5	1.15	14.96	S, MX
	1200	56C	113634.00	√	782	C6T11FC18	39	208-230/460	5.7	77.0	1.15	13.31	S, US
2	3600	145TC	G120061.00	√	729	C145T34FC38	44	208-230/460	5.2	84.0	1.15	11.78	S, US
	3600	145TC	LM32678	√	792	SSF2P2TCN61	45	230/460	5.2	84.0	1.15	13.37	S, US
	3600	56C	111273.00	√	661	C6T34FC22	36	208-230/460	5.6	82.5	1.15	12.31	S, US
	3600	56C	LM24132	√	691	SRF2S2TCN61	29	230/460	6.0	82.5	1.15	12.32	S, US
	3600	56C	116751.00	√	935	C6T34FC94	44	208-230/460	4.8	85.5	1.25	14.25	S, US
	1800	145TC	G120038.00	√	651	C145T17FC105	44	208-230/460	5.6	84.0	1.15	12.12	S, US
	1800	145TC	LM24125	√	716	SSF4P2TCN61	39	230/460	5.6	84.0	1.25	13.87	S, MX
	1800	56C	110451.00	√	601	C6T17FC9	34	208-230/460	6.2	81.5	1.15	12.81	S, US
	1800	56C	LM24084	√	646	SRF4S2TCN61	39	230/460	5.8	82.5	1.15	13.82	S, MX
	1800	56C	116744.00	√	985	C6T17FC210	45	208-230/460	5.8	86.5	1.25	13.82	S, US
	1800	145TC	121065.00	√	985	C145T17FC38	45	208-230/460	5.8	86.5	1.25	14.26	S, US
	1200	184TC	G131525.00	√	958	C184T11FC10	75	208-230/460	7.4	86.5	1.15	13.97	S, MX

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase C Face Motors

Totally Enclosed - General Purpose

Three Phase - Totally Enclosed - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3	3600	145TC	G120993.00	√	825	C145T34FC39	60	208-230/460	8.4	85.5	1.15	13.42	S, US
	3600	145TC	LM32848	√	903	SSF2S3TCN61	40	208-230/460	7.6	85.5	1.15	13.42	S, US
	3600	56C	111630.00	√	752	C6T34FC28	37	208-230/460	7.6	84.0	1.15	12.81	S, US
	3600	182TC	G131513.00	√	910	C182T34FC6	55	208-230/460	8.0	84.0	1.15	13.97	S, MX
	3600	182TC	199082.00	√	886	C182T34FC1	83	230/460	7.6	86.5	1.15	15.75	C, CN
	1800	182TC	G131491.00	√	807	C182T17FC35	67	208-230/460	8.2	87.5	1.15	13.96	S, MX
	1800	182TC	199083.00	√	876	C182T17FC1	87	230/460	7.8	89.5	1.15	15.75	C, CN
	1800	182TC	LM16298	D	919	AAF4P3TCN61	91	230/460	8.4	87.5	1.25	14.94	A, US
	1800	182TC	LM33574	√	863	AAF4P3TCN61AP26	91	230/460	8.4	87.5	1.25	14.96	A, MX
	1800	56C	113890.00	√	802	C6T17FC91	43	208-230/460	8.6	82.5	1.00	13.81	S, US
	1800	182TC	LM33337	√	807	SSF4P3TCN61	67	230/460	8.2	87.5	1.15	13.96	S, MX
	1800	182TC	131503.00	√	1056	C182T17FC26	72	208-230/460	7.8	89.5	1.15	14.96	S, MX
	1800	182TC	LM16824	D	1056	AAF4B3TCN61	95	230/460	8.0	89.5	1.25	15.94	A, US
	1800	182TC	LM33573	√	1056	AAF4B3TCN61AP21	95	230/460	8.0	89.5	1.25	14.96	A, MX
	1200	213TC	G141114.00	√	1362	C213T11FC1	133	208-230/460	14.4	87.5	1.15	17.71	S, MX
5	3600	184TC	G131514.00	√	964	C184T34FC23	79	208-230/460	12.0	87.5	1.15	14.47	S, MX
	3600	184TC	199084.00	√	983	C184T34FC1	95	230/460	13.4	88.5	1.15	16.73	C, CN
	1800	184TC	G131492.00	√	929	C184T17FC46	80	208-230/460	12.8	87.5	1.15	14.97	S, MX
	1800	184TC	199085.00	√	955	C184T17FC1	110	230/460	12.4	89.5	1.15	16.73	C, CN
	1800	184TC	LM16299	D	1016	AAF4P5TCN61	104	230/460	13.0	87.5	1.25	15.94	A, US
	1800	184TC	LM33489	√	966	AAF4P5TCN61AP26	104	230/460	13.0	87.5	1.25	15.94	A, MX
	1800	184TC	131501.00	√	1140	C184T17FC29	90	208-230/460	12.8	89.5	1.15	15.97	S, MX
	1200	215TC	G140535.00	√	1571	C215T11FC3	142	208-230/460	17.6	87.5	1.15	18.21	S, MX
7 1/2	3600	184TC	G131510.00	√	1184	C184T34FC22	90	208-230/460	16.8	88.5	1.00	15.97	S, MX
	3600	S213TC	G131912.00	√	1216	C184T34FC24	91	208-230/460	16.8	88.5	1.00	16.96	S, MX
	3600	213TC	G151345.60	√	1300	C213T34FC43	158	208-230/460	17.8	88.5	1.25	18.95	C, CN
	3600	213TC	199086.00	√	1383	C213T34FC1	116	230/460	17.8	89.5	1.15	19.53	C, CN
	1800	213TC	G141113.00	√	1154	C213T17FC9	144	208-230/460	20.4	89.5	1.15	17.71	S, MX
	1800	213TC	G151346.60	√	1207	C213T17FC42	148	208-230/460	19.2	89.5	1.25	18.95	C, CN
	1800	213TC	199087.00	√	1210	C213T17FC1	143	230/460	18.6	91.7	1.15	19.53	C, CN
	1800	213TC	140486.00	√	1326	C213T17FC7	144	208-230/460	21.4	91.7	1.25	18.70	S, MX
10	3600	213TC	G140690.00	√	1495	C215T34FC4	112	208-230/460	23.6	90.2	1.15	20.57	S, MX
	3600	215TC	G151347.60	√	1526	C215T34FC43	153	208-230/460	23.6	90.2	1.25	20.36	C, CN
	3600	215TC	199088.00	√	1461	C215T34FC1	137	230/460	22.8	90.2	1.15	21.02	C, CN
	1800	215TC	G140109.00	√	1333	C215T17FC10	158	208-230/460	26.0	89.5	1.15	20.57	S, MX
	1800	215TC	140484.00	√	1600	C215T17FC4	160	208-230/460	26.6	91.7	1.25	19.70	S, MX
	1800	215TC	G151348.60	√	1419	C215T17FC42	173	208-230/460	25.2	91.0	1.25	20.36	C, CN
	1800	215TC	199089.00	√	1423	C215T17FC1	168	230/460	24.4	91.7	1.15	21.02	C, CN
	1800	215TC	LM16301	√	1633	AF4P10TCN61	149	230/460	27.0	89.5	1.25	19.63	A, US

Green items are Premium Efficient

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

D - To be discontinued when inventory is depleted

Specifications are subject to change without notice

Continued On Next Page

View On-line Technical Information

Three Phase - Totally Enclosed - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
15	3600	215TC	G140691.00	√	2009	C215T34FC5	158	208-230/460	36.0	90.2	1.15	20.57	S, MX
	3600	215TC	G151349.60	√	2130	C215T34FC44	173	208-230/460	35.0	90.2	1.25	23.80	C, CN
	1800	254TC	G151350.60	√	2034	C254T17FC5	251	208-230/460	37.0	91.0	1.25	23.80	C, CN
	1800	254TC	LM16302	√	2457	AF4P15TCN61	221	230/460	39.0	91.0	1.25	23.40	A, US
20	3600	256TC	G151351.60	√	2704	C256T34FC5	250	208-230/460	46.2	90.2	1.25	25.50	C, CN
	1800	256TC	G151352.60	√	2504	C256T17FC4	265	208-230/460	48.2	91.0	1.25	25.50	C, CN
25	1800	284TC	G151507.60	√	3237	C284T17FC5	355	208-230/460	58.8	92.4	1.15	26.26	C, CN
30	1800	286TC	G151508.60	√	3863	C286T17FC5	422	208-230/460	69.8	92.4	1.15	27.83	C, CN
40	1800	324TC	G151509.60	√	4931	C324T17FC5	562	208-230/460	94.0	93.0	1.15	29.53	C, CN
50	1800	326TC	G151510.60	√	5708	C326T17FC5	620	208-230/460	118.0	93.0	1.15	31.02	C, CN
60	1800	364TC	G151519.60	√	8606	C364T17FC10	689	208-230/460	138.0	95.4	1.15	32.64	C, CN

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Three Phase C Face Motors

Totally Enclosed - General Purpose

Three Phase - Totally Enclosed - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	S56	LM24946	C/A	416	SRF4S0.25TC61	21	230/460	1.3	62.5	1.15	9.94	S, US
1/3	1800	S56C	102921.00	√	443	C4T17NK3	18	208-230/460	1.3	77.0	1.15	9.56	S, 12, MX
	1800	S56C	102922.00	√	441	C4T17FK11	19	208-230/460	1.3	77.0	1.15	10.19	S, MX
	1800	S56C	LM24114	√	460	SRF4S0.33TC61	21	230/460	1.6	65.5	1.15	10.10	S, MX
	1800	S56C	102697.00	√	565	C4T17FK5	22	208-230/460	1.3	77.0	1.25	10.19	S, MX
1/2	3600	56C	110182.00	√	444	C6T344NK1	26	208-230/460	1.6	82.5	1.15	10.40	S, 12, US
	3600	56C	114142.00	√	444	C6T34FK46	21	208-230/460	2.6	68.0	1.15	10.81	S, US
	3600	56C	LM24129	√	476	SRF2S0.5TC61	22	230/460	2.2	69.0	1.15	11.81	S, US
	1800	S56C	102919.00	√	510	C4T17NK2	22	208-230/460	2.0	77.0	1.15	10.06	S, 12, MX
	1800	S56C	102917.00	√	510	C4T17FK10	19	208-230/460	2.0	73.0	1.15	10.19	S, MX
	1800	S56C	LM24074	√	518	SRF4S0.5TC61	18	230/460	2.2	70.0	1.15	10.69	S, MX
	1800	S56C	102024.00	√	608	C4T17FK2	23	208-230/460	1.8	77.0	1.15	10.69	S, MX
	1200	56C	110914.00	√	687	C6T11FK1	25	208-230/460	2.4	70.0	1.15	11.31	S, US
	1200	56C	LM24104	√	727	SRF6S0.5TC61	24	230/460	2.7	68.0	1.15	11.81	S, MX
	900	143TC	LM24949	√	1058	SSF8S0.5TC61	31	230/460	2.6	66.0	1.15	13.37	S, US
3/4	3600	56C	110915.00	√	480	C6T34FK6	23	208-230/460	2.4	75.5	1.15	10.81	S, US
	3600	56C	LM24134	√	522	SRF2S0.75TC61	22	230/460	3.2	74.0	1.15	11.81	S, US
	1800	56C	110916.00	√	549	C6T17FK5	22	208-230/460	2.8	77.0	1.15	10.81	S, US
	1800	S56C	LM24076	√	553	SRF4S0.75TC61	20	230/460	2.8	75.5	1.15	11.19	S, MX
	1800	56C	114624.00	√	653	C6T17FK58	25	208-230/460	2.7	81.5	1.25	11.31	S, US
	1200	56C	116340.00	√	719	C6T11FK12	29	208-230/460	3.0	75.5	1.15	11.81	S, US
	1200	56C	LM24140	√	744	SRF6S0.75TC61	26	230/460	3.2	74.0	1.15	12.31	S, MX
	1200	143TC	120485.00	√	719	C143T11FK2	34	208-230/460	3.0	75.5	1.15	13.25	S, US
	1200	143TC	LM24273	√	744	SSF6S0.75TC61	28	230/460	3.2	74.0	1.15	12.37	S, MX
	900	145TC	LM24265	√	1205	SSF8S0.75TC61	49	230/460	4.8	70.0	1.15	14.87	S, US
1	3600	56C	110181.00	√	569	C6T34FK1	24	208-230/460	3.2	77.0	1.15	10.81	S, US
	3600	56C	LM24126	√	602	SRF2S1TC61	25	230/460	3.7	74.0	1.15	11.81	S, US
	1800	56C	110912.00	√	585	C6T17FK6	24	208-230/460	3.6	77.0	1.15	11.31	S, US
	1800	56C	LM24079	√	572	SRF4S1TC61	28	230/460	3.6	77.0	1.15	12.31	S, MX
	1800	56C	116745.00	√	920	C6T17FK98	34	208-230/460	3.4	85.5	1.25	12.81	S, US
	1800	143TC	121179.00	√	920	C143T17FK9	34	208-230/460	3.4	85.5	1.15	13.25	S, US
	1800	143TC	LM32822	√	776	SSF4B1TC61	41	208-230/460	3.2	85.5	1.25	12.93	S, US
	1200	145TC	121936.00	√	901	C145T11FK7	47	208-230/460	3.8	81.5	1.25	13.75	S, US
	1200	56HC	LM24349	√	751	SRF6S1TC61	38	230/460	4.0	78.5	1.15	12.82	S, MX
	1200	145TC	LM32823	√	926	SSF6B1TC61	47	230/460	3.8	82.5	1.25	14.87	S, US
	900	182TC	LM32692	D	1348	AAF8P1TC61	75	230/460	4.4	74.0	1.15	15.83	A, US
	900	182TC	LM33566	C/A	1348	AAF8P1TC61AP26	75	230/460	4.4	74.0	1.15	14.96	A, MX

♥ Note listing on inside back flap

Continued On Next Page

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

D - To be discontinued when inventory is depleted

Specifications are subject to change without notice

View On-line Technical Information

LEESON®

Three Phase - Totally Enclosed - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1 1/2	3600	56C	110917.00	√	638	C6T34FK7	29	208-230/460	4.2	81.5	1.15	11.81	S, US
	3600	56C	LM24135	√	654	SRF2S1.5TC61	41	230/460	4.6	80.0	1.15	11.82	S, US
	3600	143TC	121672.00	√	842	C143T34FK15	33	208-230/460	3.6	84.0	1.25	13.25	S, US
	1800	56C	110918.00	√	617	C6T17FK7	30	208-230/460	5.0	78.5	1.15	11.81	S, US
	1800	56HC	LM24095	√	605	SRF4S1.5TC61	31	230/460	4.8	80.0	1.15	12.32	S, MX
	1800	56C	116746.00	√	954	C6T17FK96	37	208-230/460	5.6	86.5	1.25	13.31	S, US
	1800	145TC	121180.00	√	954	C145T17FK26	37	208-230/460	5.6	86.5	1.15	13.75	S, US
	1800	145TC	LM32825	√	812	SSF4B1.5TC51	44	230/460	4.6	86.5	1.15	14.37	S, US
	1200	56HC	114198.00	√	828	C6T11FK6	41	208-230/460	5.7	77.0	1.15	13.31	S, US, 47
	1200	56HCZ	116592.00	√	828	C6T11FK15	44	208-230/460	5.7	77.0	1.15	13.75	S, US, 32
	1200	182TC	LM16728	D	1098	AAF6B1.5TC61	95	230/460	4.4	87.5	1.25	15.83	A, US
	1200	182TC	LM33567	√	1098	AAF6B1.5TC61AP26	95	230/460	4.4	87.5	1.25	14.97	A, MX
2	3600	56C	113927.00	√	722	C6T34FK44	34	208-230/460	5.6	82.5	1.15	12.31	S, US
	3600	56HC	LM24121	√	727	SRF2S2TC61	38	230/460	6.0	82.5	1.15	12.32	S, US
	3600	145TC	121673.00	√	863	C145T34FK39	44	208-230/460	4.8	85.5	1.25	13.75	S, US
	3600	145TC	LM32828	√	902	SSF2B2TC61	40	208-230/460	4.8	85.5	1.25	13.43	S, US
	1800	56HC	116106.00	√	659	C6T17FK76	36	208-230/460	6.2	81.5	1.15	12.81	S, US
	1800	56HC	LM24081	√	614	SRF4S2TC61	50	230/460	5.2	82.5	1.15	13.82	S, MX
	1800	56HC	116747.00	√	997	C6T17FK97	43	208-230/460	5.8	86.5	1.25	13.82	S, US
	1800	145TC	121181.00	√	997	C145T17FK27	43	208-230/460	5.8	86.5	1.25	14.26	S, US
	1800	145TC	LM32829	√	881	SSF4B2TC61	46	230/460	6.0	86.5	1.15	14.87	S, MX
	1200	184TC	132243.00	√	1138	C184T11FK6	93	208-230/460	7.2	88.5	1.15	15.96	S, MX
	1200	184TC	LM16739	D	1214	AAF6B2TC61	104	230/460	6.0	88.5	1.25	16.83	A, US
	1200	184TC	LM33569	√	1214	AAF6B2TC61AP26	88	230/460	6.0	88.5	1.25	14.97	A, MX
	900	213TC	LM32831	C/A	1914	AAF8P2TC61	107	230/460	7.3	82.5	1.15	17.95	A, US

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

D - To be discontinued when inventory is depleted

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase C Face Motors

Totally Enclosed - General Purpose

Three Phase - Totally Enclosed - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3	3600	56HC	114615.00	√	804	C6T34FK55	38	208-230/460	7.6	84.0	1.15	12.81	S, US, 47
	3600	145TC	121929.00	√	1059	C145T34FK43	45	208-230/460	7.6	86.5	1.15	13.76	S, US
	3600	182TC	132079.00	√	1246	C182T34FK10	70	208-230/460	7.6	86.5	1.25	13.96	S, MX
	3600	182TC	171564.60	√	1235	C182T34FK14	66	208-230/460	7.2	86.5	1.15	16.76	C, CN
	3600	182TC	LM16741	D	1218	AAF2B3TC61	95	230/460	7.6	87.5	1.25	15.83	A, US
	3600	182TC	LM33570	√	1218	AAF2B3TC61AP26	95	230/460	7.6	87.5	1.25	14.97	A, MX
	3600	182TC	199051.00	√	813	C182T34FK1	83	230/460	7.6	86.5	1.15	15.75	C, CN
	1800	56HC	116107.00	√	835	C6T17FK77	45	208-230/460	8.6	82.5	1.00	13.81	S, US, 47
	1800	56HCZ	116388.00	√	835	C6T17FK90	46	208-230/460	8.6	82.5	1.00	14.25	S, US, 32
	1800	182TC	131504.00	√	1076	C182T17FK14	75	208-230/460	7.8	89.5	1.15	14.96	S, MX
	1800	182TC	LM16742	D	1056	AAF4B3TC61	75	230/460	8.0	89.5	1.25	15.83	A, US
	1800	182TC	LM33485	√	1070	AAF4B3TC61AP26	75	230/460	8.0	89.5	1.25	14.97	A, MX
	1800	182TC	171565.60	√	1199	C182T17FK27	125	208-230/460	7.8	89.5	1.15	15.89	C, CN
	1800	182TC	199052.00	√	766	C182T17FK1	87	230/460	7.8	89.5	1.15	15.75	C, CN
	1200	215TC	140834.00	√	1537	C215T11FK9	170	230/460	9.4	89.5	1.15	18.21	S, MX
	1200	213TC	LM16744	√	1726	AF6B3TC61	131	230/460	8.8	89.5	1.25	19.45	S, MX
5	3600	184TC	171446.60	√	1285	C184T34FK44	111	208-230/460	12.0	88.5	1.15	16.80	C, CN
	3600	184TC	199053.00	√	943	C184T34FK1	95	230/460	13.4	88.5	1.15	16.73	C, CN
	3600	184TC	132080.00	√	1231	C184T34FK32	100	208-230/460	12.0	88.5	1.25	16.46	S, MX
	3600	184TC	LM16745	D	1582	AAF2B5TC61	104	230/460	11.8	89.5	1.25	16.83	A, US
	3600	184TC	LM33571	√	1582	AAF2B5TC61AP26	104	230/460	11.8	89.5	1.25	14.97	A, MX
	1800	184TC	171566.60	√	1244	C184T17FK35	109	208-230/460	12.8	89.5	1.15	16.80	C, CN
	1800	184TC	199054.00	√	852	C184T17FK1	110	230/460	12.4	89.5	1.15	16.73	C, CN
	1800	184TC	131502.00	√	1166	C184T17FK15	99	208-230/460	12.8	89.5	1.15	15.97	S, MX
	1800	184TC	LM16747	√	1223	AAF4BTC61	104	230/460	12.4	90.2	1.25	16.83	A, US
	1800	184TC	LM33484	√	1240	AAF4B5TC61AP26	104	230/460	12.4	90.2	1.25	16.83	A, MX
	1200	215TC	171116.60	√	1914	C215T11FB11	180	208-230/460	14.4	89.5	1.15	19.61	C, CN
	1200	215TC	LM16748	√	1979	AF6B5TC61	149	230/460	13.8	89.5	1.25	19.45	A, US
	1200	215TC	LM32835	√	1738	SSF6B5TC61	149	230/460	14.0	89.5	1.15	20.97	S, MX
	900	254TC	LM32836	√	2831	AF8P5TC61	167	230/460	15.0	87.5	1.15	23.40	A, US
7 1/2	3600	184TC	132313.00	√	1338	C184T34FK48	103	208-230/460	17.6	89.5	1.15	13.97	S, MX
	3600	213TC	140770.00	√	1520	C215T34FK11	160	208-230/460	17.8	90.2	1.15	19.64	S, MX
	3600	213TC	170166.60	√	1513	C213T34FK5	147	208-230/460	18.0	89.5	1.15	18.19	C, CN
	3600	213TC	199055.00	√	1159	C213T34FK1	116	230/460	17.8	89.5	1.15	19.53	C, CN
	1800	213TC	140521.00	√	1332	C213T17FK7	144	208-230/460	21.4	91.7	1.25	18.70	S, MX
	1800	213TC	170165.60	√	1430	C286T17DK5	155	208-230/460	18.6	91.7	1.15	18.19	C, CN
	1800	213TC	199056.00	√	1105	C213T17FK1	160	230/460	19.2	91.7	1.15	19.53	C, CN
	1800	213TC	LM16752	√	1871	AF4B7.5TC61	138	230/460	19.2	91.6	1.25	19.45	A, US
	1200	254TC	170138.60	√	2756	C254T11FB9	249	208-230/460	22.2	91.0	1.15	23.19	C, CN
	1200	254TC	LM16753	√	2708	AAF6B7.5TC61	221	230/460	19.8	91.0	1.25	23.40	A, US
	900	256TC	LM32839	√	3327	AF8P7.5TC61	203	230/460	23.0	86.5	1.15	25.15	A, US

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

D - To be discontinued when inventory is depleted

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase - Totally Enclosed - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
10	3600	215TC	140769.00	√	1719	C213T34FK1	175	208-230/460	23.6	91.7	1.15	21.09	S, MX
	3600	215TC	LM32840	√	1930	SSF2B10TC1	125	230/460	23.6	91.7	1.25	22.22	S, MX
	3600	215TC	170168.60	√	1772	C215T34FK15	181	208-230/460	23.4	90.2	1.15	19.61	C, CN
	3600	215TC	199057.00	√	1295	C215T34FK1	137	230/460	22.8	90.2	1.15	21.02	C, CN
	3600	215TC	LM16755	√	2007	AF2B10TC61	149	230/460	23.6	91.7	1.25	20.45	A, US
	1800	215TC	140522.00	√	1608	C215T17FK3	160	208-230/460	26.6	91.7	1.25	19.70	S, MX
	1800	215TC	LM32841	√	1595	SSF4B10TC61	135	230/460	25.6	91.7	1.25	20.97	S, MX
	1800	215TC	170167.60	√	1636	C215T17FK20	177	208-230/460	25.0	91.7	1.15	19.61	C, CN
	1800	215TC	199058.00	√	1256	C215T17FK1	164	230/460	24.4	91.7	1.15	21.02	C, CN
	1800	215TC	LM16757	√	1978	AF4B10TC61	149	230/460	25.0	91.7	1.25	19.45	A, US
	1200	256TC	170139.60	√	3072	C256T11FB11	300	208-230/460	29.0	91.0	1.15	24.92	C, CN
	1200	256TC	LM16759	√	3385	AF6B10TC61	248	230/460	26.2	91.0	1.25	25.15	A, US
15	3600	254TC	171586.60	√	2719	C254T34FK8	292	208-230/460	34.6	91.7	1.25	23.19	C, CN
	3600	254TC	199059.00	√	2142	C254T34FK1	350	230/460	34.0	91.0	1.15	26.60	C, CN
	3600	215TC	194128.00	√	1974	C215T34FK2	185	230/460	35.0	93.0	1.15	21.62	S, CN
	1800	254TC	171587.60	√	2811	C254T17FK8	284	208-230/460	36.0	92.4	1.25	23.19	C, CN
	1800	254TC	199060.00	√	2063	C254T17FK1	350	230/460	37.0	92.4	1.15	26.60	C, CN
	1800	254TC	LM16762	√	2787	AF4B15TC61	221	230/460	37.5	92.4	1.25	23.40	A, US
	1200	284TC	170104.60	√	4576	C284T11FB9	333	208-230/460	40.6	91.7	1.15	26.26	C, CN
20	3600	256TC	171588.60	√	3340	C256T34FK3	326	208-230/460	46.0	92.4	1.25	24.92	C, CN
	3600	256TC	199061.00	√	2526	C256T34FK1	375	230/460	46.0	91.0	1.15	27.80	C, CN
	1800	256TC	171589.60	√	3357	C256T17FK8	325	208-230/460	49.0	93.0	1.25	24.92	C, CN
	1800	256TC	199062.00	√	2468	C256T17FK1	425	230/460	49.0	93.0	1.15	27.80	C, CN
	1800	256TC	LM16767	√	3030	AF4B20TC61	248	230/460	48.0	93.0	1.25	25.15	A, US
	1200	286TC	LM16769	√	6024	AF6B20TC61Y	415	230/460	61.0	91.7	1.25	28.01	A, US
25	3600	284TC	170619.60	√	3684	C284T34FK8	393	208-230/460	56.8	93.0	1.15	24.88	C, CN
	3600	284TSC	171590.60	√	4197	C284T34FK5	290	208-230/460	56.8	93.0	1.25	25.88	C, CN
	3600	284TSC	199063.00	√	3188	C284T34FK1	475	230/460	56.0	91.7	1.15	28.79	C, CN
	1800	284TC	171591.60	√	4343	C284T17FK5	388	208-230/460	59.0	94.0	1.25	26.26	C, CN
	1800	284TC	199064.00	√	2938	C284T17FK1	500	230/460	61.0	93.6	1.15	30.16	C, CN
	1800	284TC	LM16772	√	4118	AF4B25TC61Y	370	230/460	64.0	93.6	1.25	26.51	A, US
	1800	284TSC	LM32654	√	4095	AF4B25TSC61Y	370	230/460	65.0	93.6	1.25	25.13	A, US
	1200	324TC	LM13723	C/A	8286	SF6B25TC61Y	514	230/460	64.0	92.4	1.25	28.94	S, US

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase C Face Motors

Totally Enclosed - General Purpose

Three Phase - Totally Enclosed - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
30	3600	286TSC	170108.60	√	4347	C286T34FK14	400	208-230/460	69.2	93.0	1.15	27.83	C, CN
	3600	286TSC	199065.00	√	3666	C286T34FK1	500	230/460	68.0	91.7	1.15	39.97	C, CN
	3600	286TC	170620.60	√	4347	C286T34FK11	400	208-230/460	69.2	93.0	1.15	26.46	C, CN
	1800	286TC	171592.60	√	5233	C286T17FK4	436	208-230/460	70.0	93.6	1.15	27.83	C, CN
	1800	286TC	199066.00	√	3529	C286T17FK1	525	230/460	73.0	93.6	1.15	31.34	C, CN
	1800	286TC	LM16774	√	5352	AF4B30TC61Y	415	230/460	75.0	93.6	1.25	28.01	A, US
	1800	286TSC	LM32842	√	5352	AF430TSC61Y	415	230/460	75.0	93.6	1.25	26.63	A, US
	1200	326TC	LM13724	C/A	8637	SF6B30TC61Y	568	230/460	76.0	93.0	1.25	30.44	S, US
40	3600	324TSC	170110.60	√	6411	C324T34FK8	574	208-230/460	89.0	93.6	1.15	28.03	C, CN
	3600	324TSC	199067.00	√	4875	C324T34FK1	675	230/460	88.0	92.4	1.15	31.18	C, CN
	1800	324TC	171593.60	√	6764	C324T17FK5	532	208-230/460	92.0	94.1	1.15	29.53	C, CN
	1800	324TC	199068.00	√	4502	C324T17FK1	750	230/460	94.0	94.1	1.15	32.68	C, CN
	1800	324TC	LM13726	√	9177	SF4B40TC61Y	514	230/460	101.0	94.1	1.25	28.94	S, US
	1800	324TSC	LM32652	√	9177	SF4B40TSC61Y	574	230/460	102.0	94.1	1.25	27.44	S, US
	1200	364TC	LM15565	√	10145	SF6B40TC61Y	777	230/460	112.0	93.6	1.25	31.89	S, US
50	3600	326TSC	170112.60	√	6597	C326T34FK5	604	208-230/460	112.0	93.0	1.15	29.53	C, CN
	3600	326TSC	199069.00	√	5978	C326T34FK1	725	230/460	109.0	93.0	1.15	32.36	C, CN
	1800	326TC	171594.60	√	7430	C326T17FK5	592	208-230/460	117.0	94.5	1.25	31.02	C, CN
	1800	326TC	199070.00	√	5527	C326T17FK1	775	230/460	119.0	94.5	1.15	33.86	C, CN
	1800	326TC	LM13728	√	9217	SF4B59TC61Y	568	230/460	127.0	94.5	1.25	30.44	S, US
	1800	326TSC	LM32843	√	9217	SF4B50TSC61Y	568	230/460	122.0	94.5	1.25	28.94	S, US
	1200	365TC	LM15568	√	12156	SF6B50TC61Y	834	230/460	138.0	94.1	1.25	32.89	S, US
60	3600	364TSC	170114.60	√	10784	C364T34FK3	860	208-230/460	139.0	93.6	1.15	30.51	C, CN
	3600	364TSC	199071.00	√	7927	C364T34FK1	925	230/460	132.0	93.6	1.15	34.48	C, CN
	1800	364TC	171595.60	√	11783	C364T17FK5	670	208-230/460	137.0	95.4	1.25	32.64	C, CN
	1800	364TC	199072.00	√	7546	C364T17FK1	1000	230/460	138.0	95.0	1.15	36.61	C, CN
	1800	364TC	LM15563	√	12104	SF4B60TC61Y	777	230/460	145.0	95.0	1.25	31.89	S, US
	1800	364TSC	LM32665	√	12104	SF4B60TSC61Y	777	230/460	145.0	95.0	1.25	29.77	S, US
75	3600	365TSC	171115.60	√	12947	C365T34FK3	773	208-230/460	172.0	93.6	1.15	31.49	C, CN
	3600	365TSC	199073.00	√	9275	C365T34FK1	1025	230/460	164.0	93.6	1.15	36.26	C, CN
	1800	365TC	171596.60	√	13557	C365T17FK6	739	208-230/460	170.0	95.8	1.25	33.62	C, CN
	1800	365TC	199074.00	√	9092	C365T17FK1	1100	230/460	173.0	95.4	1.15	38.39	C, CN
	1800	365TC	LM15567	√	12658	SF4B75TC61Y	834	230/460	178.0	95.4	1.15	32.89	S, US
	1800	365TSC	LM32653	√	12658	SF4B75TSC61Y	834	230/460	178.0	95.4	1.15	30.77	S, US

Green items are Premium Efficient

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase - Totally Enclosed - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
100	3600	405TSC	LM16719	√	18202	SF2B100TSC61Y	1018	230/460	210.0	94.5	1.15	33.87	S, US
	3600	405TSC	199075.00	√	11996	C405T34FK1	1250	230/460	216.0	94.5	1.15	39.76	C, CN
	1800	405TC	171597.60	√	16600	C405T17FK2	1076	208-230/460	225.0	95.4	1.15	37.91	C, CN
	1800	405TC	199076.00	√	10918	C405T17FK1	1375	230/460	224.0	95.4	1.15	42.76	C, CN
	1800	405TC	LM15263	√	15299	SF4B100TC61Y	1018	230/460	244.0	95.4	1.15	36.87	S, US
	1800	405TSC	LM32659	√	15299	SF4B100TSC61Y	1372	230/460	244.0	95.4	1.15	33.87	S, US
125	3600	444TSC	LM13730	C/A	23311	SF2B125TSC64Y	1372	460	133.0*	95.0	1.15	37.74	S, US
	1800	444TC	LM13731	C/A	20372	SF4B125TC64Y	1372	460	146.0*	96.2	1.15	41.49	S, US
	1800	444TSC	LM32844	√	20372	SF4B125TSC64Y	1372	460	146.0*	96.2	1.15	37.74	S, US
150	3600	445TSC	LM13733	C/A	28773	SF2B150TSC64Y	1552	460	163.0*	95.8	1.15	39.74	S, US
	1800	445TC	LM13734	√	23461	SF4B150TC64Y	1552	460	168.0*	96.2	1.15	39.74	S, US
	1800	445TSC	LM32845	√	23461	SF4B150TSC64Y	1525	460	168.0*	96.2	1.15	39.74	S, US
200	3600	445TSC	LM13736	C/A	36076	SF2B200TSC64Y	1552	460	212.0*	96.2	1.15	39.74	S, US
	1800	445TC	LM13737	√	28808	SF4B200TC64Y	1525	460	227.0*	96.2	1.15	43.49	S, US
	1800	445TSC	LM32660	√	28808	SF4B200TSC64Y	1525	460	227.0*	96.2	1.15	39.74	S, US

Green items are Premium Efficient

♥ Note listing on inside back flap

* F.L. Amps at 460V

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Three Phase Motors Totally Enclosed

TENV Motors - Three Phase - Rigid Base

Three Phase - TENV - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/6	3600	42	092014.00	C/A	430	C42T34NB2	13	208-230/460	0.7	65.0	1.00	7.56	S, US
	1800	42	092015.00	√	470	C42T17NB1	14	208-230/460	0.9	61.0	1.00	7.81	S, US
1/4	3600	42	092016.00	C/A	455	C42T34NB3	15	208-230/460	0.9	62.0	1.00	8.06	S, US
	1800	48	100123.00	√	357	C4T17NB3	16	208-230/460	1.0	78.0	1.15	9.18	S, MX
	1800	S56	101649.00	√	357	C4T17NH8	16	208-230/460	1.0	78.0	1.15	9.56	S, MX
1/3	3600	48	101013.00	√	342	C4T34NB3	17	208-230/460	1.2	72.0	1.15	9.06	S, US
	1800	48	100443.00	√	396	C4T17NB5	19	208-230/460	1.4	78.0	1.15	9.56	S, MX
	1800	S56	102920.00	√	394	C4T17NH13	20	208-230/460	1.3	77.0	1.15	9.56	S, MX
1/2	3600	56	110143.00	√	396	C6T34NB1	25	208-230/460	1.5	67.0	1.15	10.38	S, US
	1800	S56	102918.00	√	460	C4T17NH12	21	208-230/460	1.8	77.0	1.15	10.06	S, MX
3/4	1800	56	114309.00	√	500	C6T17NB53	30	208-230/460	2.5	80.0	1.15	10.89	S, US
1	1800	143T	121098.00	√	573	C143T17NB6	35	208-230/460	3.2	80.0	1.15	11.83	S, US
1 1/2	1800	145T	121099.00	√	600	C145T17NB9	47	208-230/460	4.2	80.0	1.15	13.33	S, US

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

Three Phase Motors Totally Enclosed

F2 Conduit Box Mount Motors - TEFC - Three Phase

General Purpose Applications

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	Inverter speed range	♥Notes
3	1800	182T	132237.00	√	930	C182T17FB50	80	208-230/460	7.8	89.5	1.15	14.96	S, MX	S, MX
5	1800	184T	132236.00	√	1023	C184T17FB62	94	208-230/460	12.8	89.5	1.15	15.96	S, MX	S, MX
7 1/2	1800	213T	140832.00	C/A	1315	C213T17FB18	154	208-230/460	21.4	91.7	1.25	18.70	S, MX	S, MX

Green items are Premium Efficient

♥ Note listing on inside back flap

Note: For larger F2 mount motors, G150 & 170 Series cast iron motors may be converted to F2 by reassembly. Contact factory for F2 mounting for Lincoln Brand motors

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Three Phase Motors Totally Enclosed

Compressor Duty

General Specifications:

Motors designed for air compressor, pump, fan and blower duty applications which require high breakdown torque and rugged mechanical construction.

Mechanical Features:

- Double shielded ball bearings
- Designed for belted loads
- Class F insulation

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3	1800	182T	131463.00	√	930	C182T17FB32	80	208-230/460	7.8	89.5	1.15	13.96	S, MX
	1800	182T	LM32741	√	930	SSF4B3T61	77	208-230/460	7.8	89.5	1.15	13.96	S, MX
5	1800	182T	131464.00	√	1023	C184T17FB42	94	208-230/460	12.8	89.5	1.15	15.96	S, MX
	1800	182T	LM33266	√	1023	SSF4B5T61	85	208-230/460	12.6	89.5	1.15	14.96	S, MX
7 1/2	1800	213T	140450.00	√	1315	C213T17FB6	144	208-230/460	21.4	91.7	1.25	18.70	S, MX
	1800	213T	LM32805	√	1214	SSF4B7.5T6	115	208-230/460	19.4	91.7	1.25	20.23	S, MX
10	1800	215T	140451.00	√	1590	C215T17FB18	161	208-230/460	26.6	91.7	1.25	19.70	S, MX
	1800	215T	LM32809	√	1499	SSF4B10T6	135	208-230/460	26.0	91.7	1.25	21.48	S, MX
15	1800	254T	170066.60	√	2345	C254T17FB10	280	208-230/460	36.0	92.4	1.25	23.19	C, CN
	1800	254T	LM24208	√	2619	CCF4B15T6	322	208-230/460	37.5	92.4	1.25	25.27	C, US
20	1800	256T	170007.60	√	2933	C256T17FB4	322	208-230/460	49.0	93.0	1.15	24.92	C, CN

Green items are Premium Efficient

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

Three Phase Motors Totally Enclosed

Resilient Base Motors - Three Phase

General Purpose or Fan & Blower Service

Features:

- Industrial duty designs
- Suitable for belt driven or fan-on-shaft applications
- Ball bearings

Three Phase - Totally Enclosed - Resilient Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56	111917.00	√	526	C6T17NR1	25	208-230/460	1.8	78.5	1.15	11.31	S, US, 6, 12
1	1800	56	111918.00	√	592	C6T17FR1	29	208-230/460	3.8	77.0	1.15	12.51	S, US, 6, 13

Note 12 - TENV

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Three Phase Motors Totally Enclosed

Sub-FHP Motors - Inverter Rated - Three Phase

Features:

- Designed with the exclusive inverter rated insulation system (IRIS)
- Provides superior protection against voltage spikes induced by variable frequency drives
- Double shielded motor ball bearings
- Needle bearings in the parallel shaft gearboxes
- Ball bearings in the Right angle (worm) gearboxes
- Steel conduit box provided as standard
- Finished in high gloss hardened black enamel paint

Application Notes:

- Designed with high temperature insulation (Class F) to prevent overheating when operated with a PWM inverter down to a 10:1 speed range from the printed motor's speed range

Three Phase - 230 Volt - Totally Enclosed - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230	♥Notes
1/15	1725	38	M1140171.00	√	362	CM38T17NK1	7	230	0.4	S, US, 12
1/6	1725	38	M1140173.00	C/A	390	CM38T17NK2	8	230	0.7	S, US, 12
1/4	1725	38	M1140172.00	C/A	419	CM38T17FK3	9	230	1.1	S, US, 12

C/A - Check Availability
♥ Note listing on inside back flap
Note 12 - TENV
Specifications are subject to change without notice

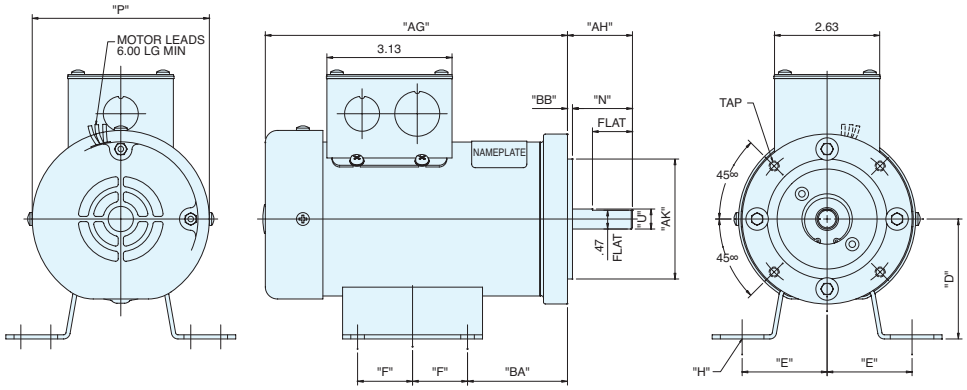
38 Frame NEMA C Face With Base Dimensions

Catalog Number	AG	P	U	AH	BB	AJ	TAP	R	AK	BB	D	BA	E	F	H
M1140171.00	5.14	3.85	0.5	1.63	1	3.75	1/3/16	4.25	3.0	0.1	3.00	2.50	2.125	1.375	11/32 Slot
M1140173.00	6.14	3.85	0.5	1.63	1	3.75	1/3/16	4.25	3.0	0.1	3.00	2.50	2.125	1.375	11/32 Slot
M1140172.00	7.56	4.43	0.5	1.63	1	3.75	1/3/16	4.25	3.0	0.1	3.00	2.50	2.125	1.375	11/32 Slot

Specifications are subject to change without notice

AC 38 48C

ALL DIMENSIONS IN INCHES



Both motors only and gearmotors will have inverter rated printed on the nameplate.
UL and CSA recognition for both motors only and gearmotors

View On-line Technical Information

Features:

- Compact 48-frame design with keyed shaft
- Class F insulation
- 20:1 constant torque rated
- Inverter IRIS™ insulation system
- 1/2" diameter keyed shaft with 48-C Face
- 115/230V three phase design optimized for FHP drives
- Designed to be used with FHP AC Drives found on page 361

Three Phase - TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/6	1800	48CZ	102792.00	√	357	C4T17FK7	25	115/230	1.3	56.0	1.15	8.94	S, MX
1/4	1800	48CZ	102793.00	√	405	C4T17FK8	26	115/230	1.4	58.0	1.15	8.94	S, MX
1/3	1800	48CZ	102794.00	√	443	C4T17FK6	28	115/230	1.6	64.3	1.15	9.19	S, MX
1/2	1800	48CZ	102795.00	√	495	C4T17FK9	30	115/230	1.8	77.0	1.15	10.19	S, MX

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Inverter Duty Motors

- Ideally suited for IGBT power
- Inverter duty insulation system
- Over temperature protection
- Speedmaster® and CTAC® models – 2000 : 1 speed range
- Provisions for encoder mounting
- Lincoln Vector duty CTAC® models include 1024 ppr encoder
- Drip-proof and totally enclosed models available
- Precision balanced rotor assemblies
- Made in the U.S.A.
- 3-year warranty

Applications:

For use in constant torque (conveyors and machine tools) or variable torque (pumps and fans) variable speed applications within the stated speed range of the motor.

Inverter Duty Motors

Inverter Duty Motors / Vector Duty Motors - 2000:1 Speed Range
With Encoder mounting provisions

Features:

- Class H inverter rated insulation system
- Constant torque operation from 0 to base RPM rating with vector drives
- C Face with rigid base through 100 HP on LEESON models, Lincoln models through 5 HP
- TEBC designs utilize 3-phase blower motors
- Normally closed thermostats
- Cast iron, Steel and Aluminum frame construction - see Notes
- Provisions for Encoder feedback devices
- Precision balanced rotors
- UL recognized and CSA certified
- 3-year warranty

Three Phase - Totally Enclosed - Rigid Base & Rigid C Face

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Max. RPM	Service Factor	"C" Dim. (Inches)	Inverter speed range	♥Notes
1/3	1800	56C	LM10336	√	581	SRF4S0.33TC61Q20	26	230/460	1.6	4000	1.00	11.31	10 : 1	S, US, 13
1/2	1800	56C	LM24264	C/A	670	SRF4S0.5TC61Q20	24	230/460	2.4	4000	1.00	11.81	10 : 1	S, US, 13
	1200	56HC	LM10338	√	795	SRF6S0.5TC61Q20	41	230/460	2.6	4000	1.00	12.32	10 : 1	S, US, 13
3/4	1800	56HC	LM10339	√	755	SRF4S0.75TC61Q20	25	230/460	3.0	4000	1.00	11.82	10 : 1	S, US, 13
1	1800	56HC	LM10340	√	1452	SRF4S1TC61Q20	62	230/460	3.6	4000	1.00	12.32	10 : 1	S, US, 13
	1800	143TC	810548.00	√	1535	143THTN8037	61	230/460	3.0	5400	1.00	13.68	2000 : 1	C, US, 12
	1800	145TC	LM26359	√	1471	SSN4S1TC61Q10	62	230/460	4.0	5000	1.00	15.39	2000 : 1	S, US, 12
	1200	182TC	LM06103	√	1665	AAN6S1TC61Q10	78	230/460	3.6	4800	1.00	12.94	2000 : 1	A, US, 12
	900	184TC	LM06105	C/A	2077	AAN8S1TC61Q10	100	230/460	5.0	4800	1.20	16.57	2000 : 1	A, US, 12
1 1/2	1800	145TC	810547.00	√	1691	145THTN8044	68	230/460	4.6	5400	1.00	14.68	2000 : 1	C, US, 12
	1800	145TC	LM26233	C/A	1633	SSN4S1.5TC61Q10	65	230/460	4.8	5000	1.00	15.39	2000 : 1	S, US, 12
2	1800	145TC	810546.00	√	1766	145THTN8045	70	230/460	6.0	5400	1.00	14.68	2000 : 1	C, US, 12
	1800	182TC	LM06113	D	1773	AAN4S2TC61Q10	74	230/460	6.0	4800	1.00	15.57	2000 : 1	A, US, 12
	1800	182TC	LM33591	√	1773	AAN4S2TC61Q10AP26	74	230/460	6.0	4800	1.00	14.97	2000 : 1	A, MX, 12
3	1800	182TC	811320.00	√	2110	182THTS8051	110	230/460	8.0	5400	1.00	16.68	2000 : 1	C, US, 12
	1800	184TC	LM06119	√	2061	AAN4S3TC61Q10	94	230/460	8.4	4800	1.00	16.57	2000 : 1	A, US, 12
	1200	215TC	LM06121	C/A	3288	AN5S3TC61Q10	135	230/460	12.0	4600	1.00	18.56	2000 : 1	A, US, 12
5	1800	184TC	811322.00	√	2338	184THTS8058	118	230/460	13.4	5400	1.00	17.69	2000 : 1	C, US, 12
	1800	213TC	LM06125	√	2365	AN4S5TC61Q10	115	230/460	15.6	4600	1.00	17.94	2000 : 1	A, US, 12
7 1/2	1800	213TC	810157.00	√	3145	213THTS8070	180	230/460	21.0	4200	1.00	20.56	2000 : 1	C, US, 12
10	1800	215TC	810140.00	√	3716	215THTS8070	290	230/460	26.0	4200	1.00	22.74	2000 : 1	C, US, 12

▼ LM Numbers are Lincoln Models

D - To be discontinued when inventory is depleted

Note 12 - TENV

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

LEESON®

Inverter Duty Motors

Inverter Duty Motors / Vector Duty Motors - 2000:1 Speed Range
With Encoder mounting provisions

Three Phase - Totally Enclosed - Rigid Base & Rigid C Face

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Max. RPM	Service Factor	"C" Dim. (Inches)	Inverter speed range	♥Notes
15	1800	254TC	810066.00	√	4455	254THTNA8060	320	230/460	39.0	4200	1.00	25.12	2000 : 1	C, US, 12
	1200	284TC	810068.00	√	9409	284THTPA7090	440	230/460	40.0	3600	1.00	37.48	2000 : 1	C, US, 11
20	1800	256TC	810007.00	√	6071	256THTNA8070	435	230/460	52.0	4200	1.00	27.13	2000 : 1	C, US, 12
	1200	286TC	810001.00	√	11272	286THFPA8090	450	230/460	52.4	3600	1.00	37.48	2000 : 1	C, US, 11
25	1800	284TC	810011.00	C/A	7566	284THFPA8060	438	230/460	65.0	3600	1.00	37.48	2000 : 1	C, US, 11
	1200	324TC	810003.00	√	13261	324THFPA8090	620	230/460	67.0	3600	1.00	40.41	2000 : 1	C, US, 11
30	1800	286TC	810015.00	√	8331	286THFPA8040	520	230/460	74.0	4200	1.00	38.98	2000 : 1	C, US, 11
	1200	326TC	810005.00	√	14594	326THFPA8090	700	230/460	82.0	3600	1.00	41.91	2000 : 1	C, US, 11
40	1800	324TC	810019.00	√	10537	324THFPA8050	620	230/460	100.0	3600	1.00	40.41	2000 : 1	C, US, 11
	1200	364T	810096.00	√	17599	364THFS18079	975	230/460	104.0	2700	1.00	42.78	2000 : 1	C, US, 11
50	1800	326TC	810023.00	√	12429	326THFPA8040	640	230/460	120.0	3600	1.00	41.91	2000 : 1	C, US, 11
	1200	365TC	810097.00	C/A	21097	365THFS8397	1029	230/460	180.0	2700	1.00	43.78	2000 : 1	C, US, 11
60	1800	364TC	810027.00	√	15997	364THFS8059	975	230/460	147.0	2700	1.00	42.78	2000 : 1	C, US, 11
	1200	404TC	810098.00	√	23405	404THFS8378	1322	230/460	142.0	2700	1.00	46.72	2000 : 1	C, US, 11
75	1800	365TC	810031.00	√	19182	365THFS8074	1050	230/460	180.0	2700	1.00	43.78	2000 : 1	C, US, 11
	1200	405TC	810099.00	C/A	28517	405THFS8386	1350	230/460	180.0	2700	1.00	49.28	2000 : 1	C, US, 11
100	1800	405TC	810087.00	C/A	23369	405THFS8329	1400	230/460	230.0	2700	1.00	49.28	2000 : 1	C, US, 11
	1200	444TC	811367.00	C/A	32422	444THFN8389	2050	230/460	250.0	2700	1.00	52.72	2000 : 1	C, US, 11
125	1800	444T	811369.00	C/A	29471	444THFN8050	2000	460	138*	2700	1.00	52.72	2000 : 1	C, US, 11
150	1800	445T	811371.00	C/A	33437	445THFN8334	2321	460	170*	2700	1.00	54.72	2000 : 1	C, US, 11
200	1800	445T	810503.00	C/A	39580	445THFN8335	2450	460	230*	2700	1.00	54.72	2000 : 1	C, US, 11
250	1800	449T	811516.00	C/A	52438	449THFS8328	3210	460	295*	2700	1.00	63.21	2000 : 1	C, US, 11
300	1800	449T	811529.00	C/A	66471	449THFS8329	3410	460	330*	2700	1.00	63.21	2000 : 1	C, US, 11
350	1800	449T	811530.00	C/A	81079	449THFS8330	3520	460	385*	2700	1.00	63.21	2000 : 1	C, US, 11

* F.L. Amps at 460V

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

Note 11 - TEBC

Note 12 - TENV

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

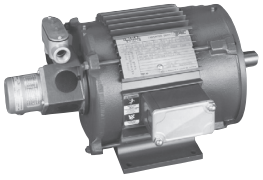
Encoder Kits For Speedmaster® 81,000 Series 2000:1 Motors

Description	Enclosure	Frame	Brand/Model	PPR	Catalog Number	List Price
Encoders						
Modular Mount, 5-15 VDC, with EPIC connector	TENV	143-256T	Northstar SL56	1024	E175927.00	3406
Shaft Mount, 5-26 VDC, with 10 pin connector	TENV	143-256T	Dynapar HS35	1024	E175928.00	2188
Shaft Mount, 5-26 VDC, with 10 pin connector	TENV	143-256T	BEI HS35	1024	E175929.00	2188
Shaft Mount, 5-26 VDC, with 10 pin connector	TENV	143-256T	Dynapar HS35	2048	E175930.00	2188
Shaft Mount, 5-26 VDC, with 10 pin connector	TENV	143-256T	BEI HS35	2048	E175931.00	2188
Modular Mount, 5-15 VDC (Encoder Conduit Box Required)	TEBC	284-449T	Northstar SL56	1024	E175921.00	3406
Shaft Mount, 5-26 VDC (Encoder Conduit Box Required)	TEBC	284-449T	Dynapar HS35	1024	E175922.00	2188
Shaft Mount, 5-26 VDC (Encoder Conduit Box Required)	TEBC	284-449T	BEI HS35	1024	E175923.00	2188
Shaft Mount, 5-26 VDC (Encoder Conduit Box Required)	TEBC	284-449T	Dynapar HS35	2048	E175924.00	2188
Shaft Mount, 5-26 VDC (Encoder Conduit Box Required)	TEBC	284-449T	BEI HS35	2048	E175925.00	2188
Conduit Box Required for all TEBC Units	––	––	––	––	ECB175926.00	243

Shipped separately for field installation.

Inverter Duty Motors

Vector Duty Motors - 2000:1 Speed Range With 1024 ppr Encoder



Features:

- Inverter duty insulation system
- Constant HP range at 2x base speed 56 - 256T frames
- Constant HP range at 1.5x base speed 284T - 445T frames
- Includes 1024 ppr encoder with differential line driver
- Normally enclosed thermostats
- Steel and aluminum frame construction - see Notes
- C Face designs through 10 HP
- Precision balanced rotors

Three Phase - Totally Enclosed - Rigid Base & Rigid C Face

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Max. RPM	Service Factor	"C" Dim. (Inches)	Inverter speed range	♥Notes
1/3	1800	56C	LM10346	√	2194	SRN4S0.33TC61Q15	43	230/460	1.0	5000	1.00	14.47	2000 : 1	S, US, 12
1/2	1800	56C	LM10347	√	2291	SRN4S0.5TC61Q15	43	230/460	1.6	5000	1.00	14.47	2000 : 1	S, US, 12
3/4	1800	56HC	LM10349	C/A	2369	SRN4S0.75TC61Q15	54	230/460	2.6	5000	1.00	15.97	2000 : 1	S, US, 12
1	1800	56HC	LM10350	C/A	3231	SRN4S1TC61Q15	54	230/460	3.2	5000	1.00	15.97	2000 : 1	S, US, 12
	1800	145TC	LM26109	C/A	3231	SSN4S1TC61Q15	82	230/460	3.0	5000	1.00	16.03	2000 : 1	S, US, 12
1.5	1800	145TC	LM26278	C/A	3471	SSN4S1.5TC61Q15	85	230/460	4.8	5000	1.00	17.03	2000 : 1	S, US, 12
2	1800	182TC	LM03987	√	3576	AAN4S2TC61Q15	98	230/460	6.0	4800	1.00	18.34	2000 : 1	A, US, 12
3	1800	184TC	LM03995	√	3869	AAN4S3TC61Q15	110	230/460	8.4	4800	1.00	19.34	2000 : 1	A, US, 12
5	1800	213TC	LM04003	C/A	4173	AAN4S5TC61Q15	115	230/460	15.6	4600	1.00	21.14	2000 : 1	A, US, 12
7.5	1800	215TC	LM31463	C/A	4959	AN4S7.5TC61Q15	155	230/460	21.0	4600	1.00	23.48	2000 : 1	A, US, 12
10	1800	256TC	LM30572	C/A	5219	AN4S10TC61Q15	235	230/460	27.0	4400	1.00	——	2000 : 1	A, US, 12
25	1800	284T	LM03189	D	7697	SB4H25T61Q15	350	230/460	62.0	4200	1.00	40.69	2000 : 1	S, US, 11
	1800	284T	811639.00	C/A	7697		438	230/460	65.0	3600	1.00	37.48	2000 : 1	C, US, 11
30	1800	286T	LM03237	D	8583	SB6H30T61Q15	420	230/460	74.0	4200	1.00	——	2000 : 1	S, US, 11
	1800	286T	811640.00	C/A	8583		520	230/460	74.0	4200	1.00	38.98	2000 : 1	C, US, 11
40	1800	324T	LM03285	C/A	10947	SB4H40T61Q15	550	230/460	98.0	4000	1.00	43.41	2000 : 1	S, US, 11
50	1800	326T	LM03333	C/A	12075	SB4H50T61Q15	550	230/460	——	4000	1.00	——	2000 : 1	S, US, 11
60	1800	364T	LM03377	C/A	13854	SB4H60T61YQ15	690	230/460	——	3800	1.00	——	2000 : 1	S, US, 11
75	1800	365T	LM03425	C/A	16011	SB4P75T61YQ15	740	230/460	180.0	3800	1.00	49.29	2000 : 1	S, US, 11
100	1800	405T	LM03473	C/A	23295	SB4H100T61YQ15	1000	230/460	240.0	3600	1.00	53.23	2000 : 1	S, US, 11
125	1800	444T	LM03517	C/A	30391	SB4H125T64YQ15	1290	460	——	3000	1.00	——	2000 : 1	S, US, 11

* F.L. Amps at 460V

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

Note 11 - TEBC

Note 12 - TENV

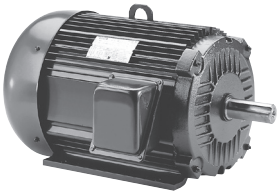
C/A - Check Availability

D - To be discontinued when inventory is depleted

Specifications are subject to change without notice

View On-line Technical Information

Inverter Duty Motors - 4 :1 Speed Range - Totally Enclosed



Features:

- Inverter duty insulation system
- Constant HP range at 2x base speed 56 - 256T frames
- Constant HP range at 1.5x base speed 284T - 445T frames
- No mounting available for encoder devices
- Normally closed thermostats
- Steel and aluminum frame construction - see notes
- Precision balanced rotors

Three Phase - Totally Enclosed - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Max. RPM	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	Inverter speed range	♥Notes
1	1800	56	LM22660	√	722	SRF4S1T61Q40	28	230/460	3.6	4000	1.00	78.5	12.32	4:1	S, US
	1800	143T	LM26097	C/A	810	SSF4P1T61Q40	46	230/460	3.0	4000	1.00	82.5	12.87	4:1	S, US
1 1/2	1800	56H	LM22664	C/A	796	SRF4S1.5T61Q40	28	230/460	5.0	4000	1.00	80.0	13.52	4:1	S, US
	1800	145T	LM26098	C/A	820	SSF4P1.5T61Q40	51	230/460	5.0	4000	1.00	84.0	13.87	4:1	S, US
2	1800	145T	LM25991	C/A	853	SSF4P2T61Q40	51	230/460	6.0	4000	1.00	84.0	14.37	4:1	S, US
3	3600	182T	LM21189	C/A	1123	AAF2P3T61Q40	83	230/460	7.4	4000	1.00	85.5	14.19	4:1	A, US
	1800	182T	LM21190	√	1036	AAF4P3T61Q40	83	230/460	8.4	4000	1.00	87.5	14.19	4:1	A, US
5	3600	184T	LM21192	C/A	1305	AAF2P5T61Q40	92	230/460	12.4	4000	1.00	87.5	15.19	4:1	A, US
	1800	184T	LM21193	√	1153	AAF4P5T61Q40	92	230/460	13.4	4000	1.00	87.5	16.19	4:1	A, US
7 1/2	3600	213T	LM21195	C/A	1764	AF2P7.5T61Q40	127	230/460	18.0	4600	1.00	88.5	18.30	4:1	A, US
	1800	213T	LM21196	√	1636	AF4P7.5T61Q40	127	230/460	20.0	4600	1.00	89.5	17.20	4:1	A, US
10	3600	215T	LM21198	C/A	1931	AF2P10T61Q40	138	230/460	24.0	4600	1.00	89.5	18.25	4:1	A, US
	1800	215T	LM21199	√	1797	AF4P10T61Q40	138	230/460	25.4	4600	1.00	89.5	18.70	4:1	A, US
15	3600	254T	LM21201	√	2578	AAF2P15T61Q40	209	230/460	35.0	4400	1.00	90.2	23.40	4:1	A, US
	1800	254T	LM21202	√	2443	AF4P15T61Q40	209	230/460	39.0	4400	1.00	91.0	23.40	4:1	A, US
20	3600	256T	LM21204	C/A	2958	AF2P20T61Q40	236	230/460	47.0	4400	1.00	90.2	26.10	4:1	A, US
	1800	256T	LM21205	√	2830	AF4P20T61Q40	236	230/460	50.0	4400	1.00	91.0	25.15	4:1	A, US
25	1800	284T	LM21208	C/A	3928	AF4P25T61YQ40	363	230/460	66.0	4200	1.00	92.4	26.62	4:1	A, US
30	1800	286T	LM21211	√	4348	AF4P30T61YQ40	408	230/460	76.0	4200	1.00	92.4	28.12	4:1	A, US
40	1800	324T	LM21214	√	5997	SF4P40T61YQ40	504	230/460	106.0	4000	1.00	93.0	28.50	4:1	S, US
50	1800	326T	LM21217	√	6565	SF4P50T61YQ40	558	230/460	129.0	4000	1.00	93.0	30.00	4:1	S, US
60	1800	364T	LM21220	√	8765	SF4P60T61YQ40	765	230/460	145.0	3800	1.00	93.6	31.90	4:1	S, US
75	1800	365T	LM21223	C/A	11135	SF4P75T61YQ40	822	230/460	187.0	3800	1.00	94.1	32.90	4:1	S, US
100	1800	405T	LM21227	C/A	14423	SF4P100T61YQ40	1002	230/460	244.0	3600	1.00	94.5	38.40	4:1	S, US
125	1800	444T	LM21230	C/A	17918	SF4P125T64YQ40	1351	460	146*	3000	1.00	94.5	41.58	4:1	S, US
150	1800	445T	LM21233	C/A	20728	SF4P150T64YQ40	1504	460	168*	3000	1.00	95.0	43.58	4:1	S, US
200	1800	445T	LM21236	C/A	24658	SF4P200T64YQ40	1504	460	228*	3000	1.00	95.0	43.58	4:1	S, US
250	1800	447T	LM21238	C/A	29674	SF4P250T64YQ40	1812	460	283*	2800	1.00	95.0	47.08	4:1	S, US
300	1800	449T	LM21239	C/A	32116	SF4P300T64YQ40	2315	460	349*	2800	1.00	95.4	52.08	4:1	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Inverter Duty Motors

Inverter Duty Motors - 4 :1 Speed Range - Totally Enclosed

Three Phase - Totally Enclosed - Rigid C Face

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Max. RPM	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	Inverter speed range	♥Notes
1/3	1800	56C	LM22645	√	651	SRF4S0.33TC61Q40	33	230/460	1.6	4000	1.00	72.0	11.31	4:1	S, US
1/2	1800	56C	LM22649	√	743	SRF4S0.5TC61Q40	33	230/460	2.4	4000	1.00	74.0	11.81	4:1	S, US
3/4	3600	56C	LM22653	C/A	668	SRF2S0.75TC61Q40	33	230/460	3.4	4000	1.00	74.0	11.81	4:1	S, US
	1800	56C	LM22655	√	754	SRF4S0.75TC61Q40	33	230/460	3.0	4000	1.00	77.0	11.81	4:1	S, US
	1200	56C	LM22657	C/A	885	SRF6S0.75TC61Q40	28	230/460	3.4	4000	1.00	72.0	12.81	4:1	S, US
1	3600	56C	LM22659	C/A	754	SRF2S1TC61Q40	33	230/460	3.7	4000	1.00	75.5	11.81	4:1	S, US
	1800	56C	LM22661	√	774	SRF4S1TC61Q40	28	230/460	3.0	4000	1.00	78.5	11.81	4:1	S, US
	1800	143TC	LM26081	C/A	866	SSF4P1TC61Q40	52	230/460	3.0	4000	1.00	82.5	12.87	4:1	S, US
	1200	145TC	LM26323	C/A	1033	SSF6P1TC61Q40	57	230/460	3.8	4000	1.00	80.0	14.87	4:1	S, US
1 1/2	1800	56HC	LM22665	C/A	849	SRF4S1.5TC61Q40	36	230/460	5.0	4000	1.00	80.0	13.32	4:1	S, US
	1800	145TC	LM26008	C/A	872	SSF4P1.5TC61Q40	57	230/460	4.8	4000	1.00	84.0	13.87	4:1	S, US
2	1800	145TC	LM25962	√	928	SSF4P2TC61Q40	57	230/460	6.0	4000	1.00	84.0	14.37	4:1	S, US
3	3600	182TC	LM22826	C/A	1206	AAF2P3TC61Q40	95	230/460	7.4	4000	1.00	85.5	14.83	4:1	A, US
	1800	182TC	LM22827	√	1119	AAF4P3TC61Q40	95	230/460	8.4	4000	1.00	87.5	14.83	4:1	A, US
5	1800	184TC	LM22830	√	1240	AAF4P5TC61Q40	104	230/460	13.4	4000	1.00	87.5	16.83	4:1	A, US
7 1/2	1800	213TC	LM22833	C/A	1551	AAF4P7.5TC61Q40	138	230/460	20.0	4600	1.00	89.5	17.95	4:1	A, US
10	1800	215TC	LM22836	C/A	1797	AF4P10TC61Q40	149	230/460	25.4	4600	1.00	89.5	19.45	4:1	A, US
15	1800	254TC	LM22839	√	2571	AF4P15TC61Q40	221	230/460	39.0	4400	1.00	91.0	23.40	4:1	A, US
20	1800	256TC	LM22841	√	2959	AF4P20TC61Q40	248	230/460	50.0	4400	1.00	91.0	25.15	4:1	A, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Features:

- Variable torque speed range with open loop drive of 0-60 Hz
- Constant horsepower speed range of 2x base speed
- Ultimate Spike Defense™ Insulation System
- 1.00 service factor on PWM waveform,
- 1.15 service factor or better on sine-wave power.
- Precision dynamic balanced rotor assembly
- Thermal overload protection (Class F thermostats)

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Max. RPM	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	Inverter speed range	♥Notes
1	1800	143T	LM21148	C/A	746	SSD4P1T61Q40	55	230/460	3.1	5000	1.00	82.5	12.49	10:1	S, US
1 1/2	1800	145T	LM21151	C/A	778	SSD4P1.5T61Q40	68	230/460	4.4	5000	1.00	84.0	12.49	10:1	S, US
2	1800	145T	LM21153	√	822	SSD4P2T61Q40	68	230/460	5.8	5000	1.00	84.0	12.49	10:1	S, US
3	1800	182T	LM21157	C/A	931	SSD4P3T61Q40	82	230/460	8.6	4800	1.00	86.5	13.72	10:1	S, US
5	1800	184T	LM21159	√	1191	SSD4P5T61Q40	71	230/460	13.2	4800	1.00	87.5	13.19	10:1	S, US
7 1/2	1800	213T	LM21162	C/A	1367	SSD4P7.5T61Q40	141	230/460	19.4	4600	1.00	88.5	17.29	10:1	S, US
10	1800	215T	LM21165	√	1607	SSD4P10T61Q40	168	230/460	25.0	4600	1.00	89.5	17.29	10:1	S, US
15	1800	254T	LM21168	√	2294	SSD4P15T61Q40	245	230/460	41.0	4400	1.00	91.0	22.32	10:1	S, US
20	1800	256T	LM21171	√	2539	SSD4P20T61Q40	255	230/460	52.0	4400	1.00	91.0	22.32	10:1	S, US
25	1800	284T	LM29579	√	3335	CCD4P25T61YQ40	350	230/460	61.0	4000	1.00	91.7	23.49	10:1	C, US
30	1800	286T	LM29936	√	3795	CCD4P30T61YQ40	400	230/460	72.0	4000	1.00	92.4	24.99	10:1	C, US
40	1800	324T	LM21180	√	5159	SD4P40T61YQ40	469	230/460	106.0	4000	1.00	93.0	25.82	10:1	S, US
50	1800	326T	LM21118	C/A	5762	SD4P50T61YQ40	522	230/460	130.0	4000	1.00	93.0	27.32	10:1	S, US
60	1800	364T	LM21121	C/A	7440	SD4P60T61YQ40	595	230/460	145.0	3600	1.00	94.0	28.40	10:1	S, US
75	1800	365T	LM21124	C/A	10438	SD4P75T61YQ40	763	230/460	176.0	3800	1.00	94.1	32.90	10:1	S, US
100	1800	404T	LM21127	√	10481	SD4P100T61YQ40	882	230/460	244.0	3600	1.00	94.1	31.81	10:1	S, US
125	1800	405T	LM30727	√	10629	SD4P125T61YQ40	958	230/460	304.0	3600	1.00	94.5	33.31	10:1	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Inverter Duty Motors

SUB-FHP MOTORS - Inverter Rated - Three Phase

Features:

- Designed with the exclusive Inverter Rated Insulation System (IRIS)
- Provides superior protection against voltage spikes induced by variable frequency drives
- Double shielded motor ball bearings
- Needle bearings in the parallel shaft gearboxes
- Steel conduit box provided as standard
- Finished in high gloss hardened black enamel paint

Application Notes:

- Designed with high temperature insulation (Class F) to prevent overheating when operated with a PWM inverter down to a 10:1 speed range from the printed motor's speed range

Three Phase - Totally Enclosed - Rigid Base - C Face With Base

HP	SYN RPM 60 Hz	Frame	Catalog Number	Stock	List Price	Model Number	Voltage	F. L. Amps @ 230 V	♥Notes
1/15	1725	38	M1140171.00	√	362	CM38T17NK1	230	0.4	S, US, 12
1/6	1725	38	M1140173.00	C/A	390	CM38T17NK2	230	0.7	S, US, 12
1/4	1725	38	M1140172.00	√	419	CM38T17FK3	230	1.1	S, US, 13

C/A - Check Availability

♥ Note listing on inside back flap

Note 12 - TENV

Specifications are subject to change without notice

38 Frame NEMA C Face With Base Dimensions

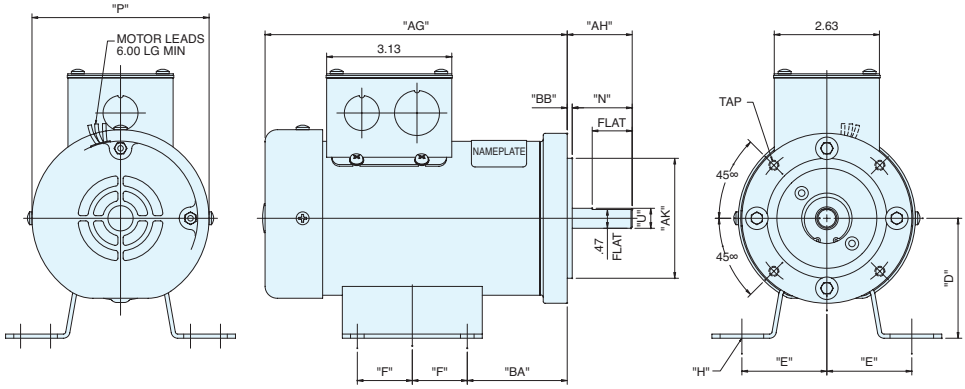
Catalog Number	AG	P	U	AH	BB	AJ	TAP	R	AK	BB	D	BA	E	F	H
M1140171.00	5.14	3.85	0.5	1.63	1	3.75	1/4-20	4.3	3.0	0.13	3.0	2.50	2.125	1.375	11/32 Slot
M1140173.00	6.14	3.85	0.5	1.63	1	3.75	1/4-20	4.3	3.0	0.13	3.0	2.50	2.125	1.375	11/32 Slot
M1140172.00	7.56	4.43	0.5	1.63	1	3.75	1/4-20	4.3	3.0	0.13	3.0	2.50	2.125	1.375	11/32 Slot

Specifications are subject to change without notice

AC 38 48C

Both motors only and gearmotors will have inverter rated printed on the nameplate.
UL and CSA recognition for both motors only and gearmotors.

ALL DIMENSIONS IN INCHES



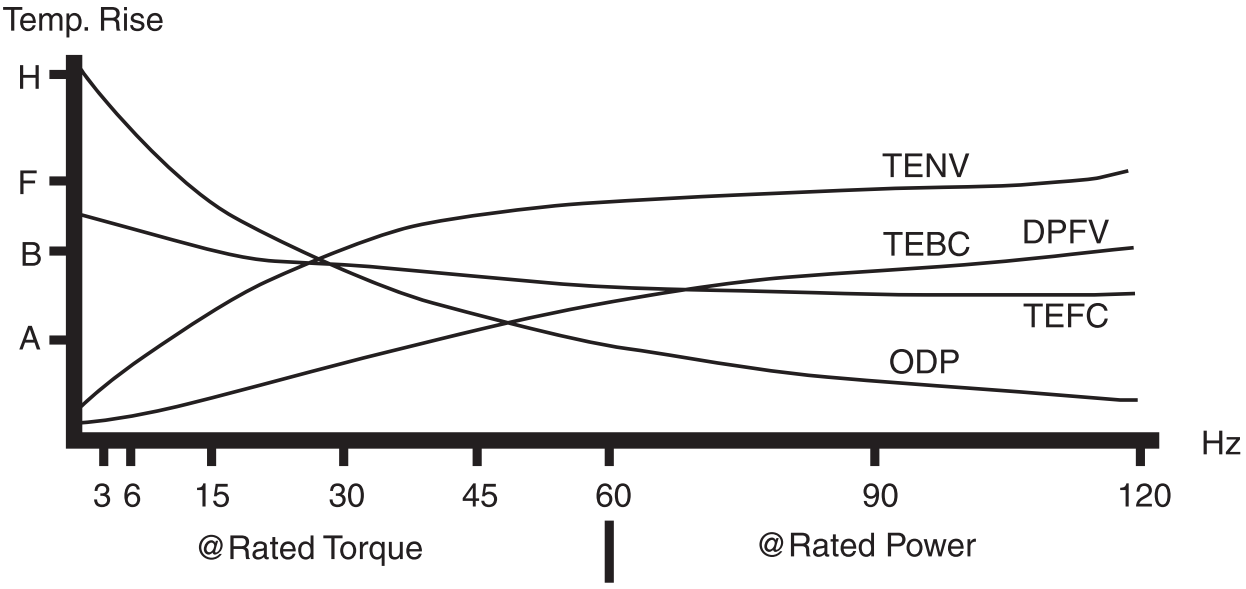
View On-line Technical Information

Other Application Considerations -

For proper selection, the following should be considered:

- Horsepower or torque requirements at various speeds
- Desired speed range of the load and motor
- Acceleration and deceleration rate requirements of the process being controlled
- Starting requirements including the frequency of starting and a description of the load (reflected inertia at the motor, load torque during starting)
- Whether the application is a continuous process or duty cycle of starts, stops and speed changes
- A general description of the type of application including the environment in which the VFD system components must operate (determines motor enclosure and/or explosion proof classification)
- Description of the available electrical power supply and wiring
- Special performance requirements, if any
- Whether the drive will be configured with a by-pass circuit. In case of its deployment, the motor will operate like its fixed speed counterpart and may require a NEMA B design which limits in-rush current, or selection of a larger motor starter or other protective circuitry
- Load sharing
- Mounting and other mechanical considerations

Typical Temperature Rise Of Various Enclosures



Severe Duty Motors

Premium Efficient IEEE 841 Severe Duty Motors & Lincoln Encapsulated Multiguard® Motors

- IEEE 841 motors available – 5-year warranty
- 3-year warranty on Premium efficient models
- Dual voltage designs
- 1.15 or 1.25 service factors
- Epoxy painted ratings
- Cast iron and steel frame construction
- Internal corrosion protection
- Inverter rated
- Shaft seals where applicable
- UL and CSA recognized
- 5-year warranty on IEEE 841 models

Applications:

Used in severe duty environments that you may find in foundries, pulp, paper mills, waste management facilities, above ground mines, refineries or other applications that demand corrosion protection for long motor life and dependability.

Severe Duty Motors

IEEE 841 Premium Efficient Motors

General Specifications:
Designed for harsh environments that you may find in refineries, above-ground mines, foundries, paper and pulp mills, cement plants or other severe duty applications.

Features:

- Inpro shaft seals
- Inverter rated insulation system
- Re-greasable bearings
- Epoxy paint
- Test data supplied with each motor
- IP 56 enclosure protection
- Tested to IEEE45 USCG Marine Duty, API RP14F for offshore platforms
- Division 2 CSA certification for hazardous locations, Class 1 Groups A, B, C, D, temperature Code T2B
- 5-year warranty

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1	1800	143T	811541.00	√	944	143THTN9026	55	460	1.5	85.5	1.15	10.40	C, US, 12
1 1/2	3600	143T	811542.00	√	1170	145THTN9005	58	460	2.0	86.5	1.15	10.40	C, US, 12
	1800	145T	811543.00	√	1083	145THTN9026	65	460	2.2	84.0	1.15	11.40	C, US, 12
2	3600	145T	811544.00	√	1228	145THTN9001	68	460	2.5	85.5	1.15	11.40	C, US, 12
	1800	145T	811545.00	√	1135	145THTN9027	68	460	3.0	85.5	1.15	11.40	C, US, 12
3	3600	182T	811546.00	√	1778	182THTS19005	105	460	3.8	87.5	1.15	12.70	C, US, 12
	1800	182T	811547.00	√	1508	182THTS19041	100	460	4.0	90.2	1.15	12.70	C, US, 12
5	3600	184T	811548.00	√	1910	184THFS19010	142	460	5.9	89.5	1.15	16.20	C, US, 12
	1800	184T	811549.00	√	1760	184THFS19045	130	460	6.2	90.2	1.15	16.20	C, US, 12
7 1/2	3600	213T	811550.00	√	2255	213THTS19008	200	460	8.9	91.7	1.15	17.20	C, US, 12
	1800	213T	811551.00	√	2135	213THFS19044	200	460	9.6	91.7	1.15	19.70	C, US
10	3600	215T	811552.00	√	2636	215THFS19011	218	460	11.2	91.7	1.15	21.00	C, US
	1800	215T	811553.00	√	2585	215THFS19051	225	460	12.5	91.7	1.15	19.70	C, US
15	3600	254T	811554.00	√	3267	254THFNA19014	345	460	17.5	91.7	1.15	23.50	C, US
	1800	254T	811555.00	√	3106	254THFNA19052	350	460	18.8	92.4	1.15	23.50	C, US
20	3600	256T	811556.00	√	4036	256THFNA19004	375	460	23.4	92.4	1.15	25.30	C, US
	1800	256T	811557.00	√	3862	256THFNA19050	425	460	24.1	93.0	1.15	25.30	C, US
25	3600	284TS	811558.00	√	5010	284TSHFNA19009	481	460	28.1	93.6	1.15	25.00	C, US
	1800	284T	811559.00	√	4576	284THFNA19043	478	460	31.0	93.6	1.15	26.30	C, US
30	3600	286TS	811560.00	√	6151	286TSHFNA19002	500	460	33.8	93.6	1.15	26.40	C, US
	1800	286T	811561.00	√	5575	286THFNA19051	525	460	36.5	94.1	1.15	27.80	C, US
40	3600	324TS	811562.00	√	8168	324TSHFS19007	656	460	47.0	93.6	1.15	27.40	C, US
	1800	324T	811563.00	√	7632	324THFS19045	700	460	47.5	94.1	1.15	28.90	C, US
50	3600	326TS	811564.00	√	10525	326TSHFS19005	725	460	58.0	93.6	1.15	28.90	C, US
	1800	326T	811565.00	√	9138	326THFS19057	775	460	60.0	94.5	1.15	30.40	C, US
60	3600	364TS	811566.00	√	12659	364TSHFS19006	925	460	67.0	94.5	1.15	29.40	C, US
	1800	364T	811567.00	√	12047	364THFS19047	1000	460	69.0	95.0	1.15	31.50	C, US
75	3600	365TS	811568.00	√	15963	365TSHFS19005	1002	460	84.0	94.5	1.15	30.40	C, US
	1800	365T	811569.00	√	15478	365THFS19052	1100	460	86.0	95.4	1.15	32.50	C, US
100	3600	405TS	811570.00	√	21621	405TSHFS19006	1295	460	108.0	95.0	1.15	34.10	C, US
	1800	405T	811571.00	√	18877	405THFS19060	1330	460	113.0	95.4	1.15	37.10	C, US
125	3600	444TS	811586.00	√	24614	444TSHFN19003	1682	460	142.0	95.0	1.15	39.64	C, US
	1800	444T	811587.00	√	22918	444THFN19055	1725	460	141.0	95.4	1.15	41.25	C, US
150	3600	445TS	811588.00	√	29567	445TSHFN19005	2187	460	165.0	95.8	1.15	39.37	C, US
	1800	445T	811589.00	√	25409	445THFN19072	2070	460	172.0	95.8	1.15	43.19	C, US
200	3600	445TS	811590.00	√	37403	445TSHFN19006	2300	460	223.0	95.8	1.15	39.37	C, US
	1800	445T	811591.00	√	30902	445THFN19074	2437	460	226.0	96.2	1.15	43.19	C, US
250	3600	447/9TS	811592.00	√	47171	449TSHFS19008	2635	460	270.0	96.5	1.15	47.94	C, US
	1800	447/9T	811593.00	√	44586	449THFS19344	2834	460	285.0	96.5	1.15	51.69	C, US
300	1800	447/9T	811594.00	C/A	45479	449THFS19345	3039	460	390.0	96.5	1.15	51.84	C, US
350	3600	447/9TS	811595.00	C/A	70116	449TSHFS19009	2888	460	380.0	96.2	1.15	47.94	C, US
	1800	447/9T	811596.00	C/A	57811	449THFS19346	3082	460	450.0	96.2	1.15	51.84	C, US

Green items are Premium Efficient

Note - 12 - TENV

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Severe Duty Motors

Premium Efficient Severe Duty - Wattsaver® Plus

General Specifications:

Designed specifically to meet severe duty environments that you may find in applications such as chemical plants, foundries, pulp and paper mills, waste management facilities and above ground mines.

Features:

- Full cast iron constuction
- Inverter rated insulation system
- Epoxy painted
- Shaft seals both ends
- Internal corrosion protection
- IP 55 enclosure protection
- Division 2 CSA certification for hazardous locations, Class 1 Groups A, B, C, D, temperature Code T2B
- 3-year warranty

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3	1800	182T	171623.60	√	1188	C184T17FB1	112	208-230/460	7.8	90.2	1.25	16.60	C, CN
	1200	213T	171634.60	√	1676	C213T11FW1	93	208-230/460	9.4	89.5	1.25	18.70	C, CN
5	1800	184T	171630.60	√	1230	C184T17FB1	120	208-230/460	12.8	89.5	1.15	17.30	C, CN
	1200	215T	171635.60	√	1875	C215T11FW1	186	208-230/460	14.4	89.5	1.25	20.10	C, CN
7 1/2	3600	213T	171616.60	√	1708	C213T34FW1	155	208-230/460	18.0	91.0	1.25	18.70	C, CN
	1800	213T	171622.60	√	1648	C213T17FW1	165	208-230/460	18.6	91.7	1.25	18.70	C, CN
	1200	254T	171636.60	√	2438	C254T11FW1	263	208-230/460	22.2	91.7	1.25	23.70	C, CN
10	3600	215T	171617.60	√	2026	C215T34FW1	190	208-230/460	23.0	91.7	1.25	20.10	C, CN
	1800	215T	171631.60	√	1965	C215T17FB1	187	208-230/460	25.0	91.7	1.25	20.10	C, CN
	1200	256T	171637.60	√	3486	C256T11FB1	312	208-230/460	29.0	91.7	1.25	25.40	C, CN
15	3600	254T	171620.60	√	2754	C254T34FW1	294	208-230/460	34.6	92.4	1.25	23.70	C, CN
	1800	254T	171632.60	√	2664	C254T17W1	294	208-230/460	36.0	92.4	1.25	23.70	C, CN
	1200	284T	171638.60	√	4719	C284T11FW1	346	208-230/460	40.6	92.4	1.25	26.80	C, CN
20	3605	256T	171621.60	√	3365	C256T34FW1	330	208-230/460	46.0	92.4	1.25	25.40	C, CN
	1800	256T	171633.60	√	3326	C256T17FW1	335	208-230/460	49.0	93.0	1.15	25.40	C, CN
	1200	286T	171639.60	√	5896	C286T11FW1	405	208-230/460	54.0	92.4	1.25	28.30	C, CN
25	3600	284TS	171778.60	√	4108	C284T34FB11	403	208-230/460	56.8	93.0	1.15	24.88	C, CN
	1800	284T	171779.60	√	3880	C284T17FB14	405	208-230/460	59.0	93.6	1.15	26.26	C, CN
	1200	324T	171780.60	√	6483	C324T11FB16	566	208-230/460	66.0	93.6	1.15	29.53	C, CN
30	3600	286TS	171781.60	√	4849	C286T34FB10	435	208-230/460	67.0	93.0	1.15	26.46	C, CN
	1800	286T	171782.60	√	4520	C286T17FB12	455	208-230/460	70.0	94.1	1.15	27.83	C, CN
	1200	326T	171783.60	√	7277	C326T11FB12	636	208-230/460	77.0	93.6	1.15	31.02	C, CN
40	3600	324TS	171784.60	√	6048	C324T34FB9	522	208-230/460	89.0	93.6	1.25	28.03	C, CN
	1800	324T	171785.60	√	6005	C324T17FB12	553	208-230/460	92.0	94.1	1.15	29.53	C, CN
	1200	364T	171786.60	√	9976	C364T11FB14	803	208-230/460	102.0	94.1	1.15	32.64	C, CN

Green items are Premium Efficient

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
50	3600	326TS	171787.60	√	7345	C326T34FB10	578	208-230/460	111.0	94.5	1.25	29.53	C, CN
	1800	326T	171788.60	√	7253	C326T17FB13	612	208-230/460	117.0	94.5	1.15	31.02	C, CN
	1200	365T	171789.60	√	11973	C365T11FB14	698	208-230/460	124.0	94.1	1.15	33.62	C, CN
60	3600	364TS	171790.60	√	10896	C364T34FW1	770	208-230/460	136.0	94.1	1.15	30.51	C, CN
	1800	364T	171791.60	√	10315	C364T17FB12	903	208-230/460	137.0	95.4	1.15	32.64	C, CN
	1200	404T	171792.60	√	14121	C404T11FB11	1050	208-230/460	142.0	94.5	1.25	36.42	C, CN
75	3600	365TS	171793.60	√	13347	C365T34FB9	822	208-230/460	169.0	94.5	1.15	31.50	C, CN
	1800	365T	171794.60	√	12872	C365T17FB11	1050	208-230/460	171.0	95.8	1.15	33.62	C, CN
	1200	405T	171795.60	√	14884	C405T11FB12	1020	208-230/460	176.0	95.0	1.15	38.91	C, CN
100	3600	405TS	171796.60	√	16434	C405T34FB11	1018	208-230/460	218.0	95.0	1.15	35.92	C, CN
	1800	405T	171797.60	√	16008	C405T17FB10	1121	208-230/460	225.0	95.4	1.15	39.40	C, CN
	1200	444T	171798.60	√	21189	C444T11FB11	1480	460	121.0*	95.0	1.15	43.87	C, CN
125	3600	444TS	171799.60	√	19623	C444T34FB12	1405	460	132.0*	95.0	1.15	41.10	C, CN
	1800	444T	171800.60	√	21254	C444T17FB12	1605	460	137.0*	95.4	1.15	43.87	C, CN
	1200	445T	171801.60	√	23941	C445T11FB9	1630	460	155.0*	95.4	1.15	45.88	C, CN
150	3600	445TS	171802.60	√	24219	C445T34FB7	1560	460	161.0*	95.0	1.15	45.88	C, CN
	1800	445T	171803.60	√	24316	C445T17FB14	1670	460	163.0*	95.8	1.15	45.88	C, CN
	1200	447T	171804.60	√	26997	C447T11FB7	2270	460	185.0*	95.8	1.15	49.00	C, CN
200	3600	447TS	171805.60	√	27893	C447T34FB7	2135	460	216.0*	95.4	1.15	49.00	C, CN
	1800	447T	171806.60	√	27850	C447T17FB11	2820	460	216.0*	96.2	1.15	49.00	C, CN
	1200	449T	171807.60	√	35361	C449T11FB7	2590	460	241.0*	96.2	1.15	53.80	C, CN

Green items are Premium Efficient

♥ Note listing on inside back flap

* F.L. Amps @ 460 Volts

Specifications are subject to change without notice

View On-line Technical Information

Severe Duty Motors

Lincoln Severe Duty

General Specifications:

Cast iron designed motors that are designed for use in pulp and paper mills, foundries, chemical plants or any severe duty application.

Features:

- Meets Ford EM1-1996 Spec.
- 460 volt - 3 lead designs
- Full cast iron construction
- Class F insulation
- Shielded ball bearing construction

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1	1800	143T	LM32856	C/A	917	CCS4B1T61	59	230/460	3.3	84.0	1.15	14.17	C, US
	1200	145T	LM32857	C/A	1142	CCS6B1T61	57	230/460	3.6	82.5	1.15	14.29	C, US
2	1800	145T	LM32862	√	1021	CCS4B2T61	64	230/460	6.0	86.5	1.25	14.30	C, US
3	1800	182T	LM16644	√	1241	CCS4B3T61T5	104	230/460	8.0	90.2	1.25	15.20	C, US
5	1800	184T	LM16650	C/A	1357	CCS4B5T61T5	138	230/460	12.4	90.2	1.15	16.20	C, US
7 1/2	1800	213T	LM32869	√	1770	CCS4B7.5T61	223	230/460	19.4	91.7	1.15	19.70	C, US
10	1800	215T	LM16919	C/A	2236	CCS4B10T61	213	230/460	25.0	91.7	1.25	19.63	C, US
15	1800	254T	LM32873	C/A	2801	CCS4B15T61	322	230/460	37.5	92.4	1.15	23.52	C, US
20	1800	256T	LM32876	√	3611	CCS4B20T61	368	230/460	48.0	93.0	1.15	25.30	C, US
25	1800	284T	LM32879	√	4251	CCS4B25T61Y	495	230/460	62.0	93.6	1.25	26.30	C, US
30	1800	286T	LM32882	C/A	5022	CCS4B30T61Y	519	230/460	73.0	94.1	1.15	27.84	C, US
40	1800	324T	LM32885	C/A	6631	CCS4B40T61Y	835	230/460	--	94.1	1.15	--	C, US
50	1800	326T	LM32887	√	7723	CCS4B50T61Y	692	230/460	120.0	94.5	1.15	30.40	C, US
60	1800	364T	LM32890	C/A	12486	CCS4B60T61Y	980	230/460	——	95.0	1.15	——	C, US
75	1800	365T	LM32893	C/A	14166	CCS4B75T61Y	1018	230/460	172.0	95.4	1.15	32.50	C, US
100	1800	405T	LM32896	C/A	17133	CCS4B100T61Y	1338	230/460	226.0	95.4	1.15	37.10	C, US
125	1800	444T	LM32899	C/A	21818	CCS4B125T64Y	1874	460	*	95.4	1.15	——	C, US
150	1800	445T	LM32902	C/A	28325	CCS4B150T64Y	2070	460	*	95.8	1.15	——	C, US
200	1800	449T	LM32905	C/A	32226	CCS4B200T64Y	2305	460	224*	96.2	1.15	51.80	C, US
250	1800	449T	LM14643	C/A	34489	CCS4P250T64Y	2572	460	290*	95.0	1.15	51.80	C, US
	1800	449T	LM17594	C/A	34489	CCS4P250T64	2572	460	290*	95.0	1.15	51.80	C, US
300	1800	449T	LM14642	C/A	36959	CCS4P300T64Y	2572	460	341*	95.4	1.15	51.80	C, US
	1800	449T	LM22909	C/A	36959	CCS4P300T64	2572	460	341*	96.2	1.15	51.84	C, US
350	1800	449T	LM14645	C/A	40911	CCS4P350T64Y	2883	460	400*	95.4	1.15	51.84	C, US

Green items are Premium Efficient

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Severe Duty Motors

ODP-Encapsulated Multiguard®

General Specifications:
Multiguard motors utilize an ODP enclosure utilizing an impregnated and encapsulated process to seal the winding endcoils from contamination. This process protects the windings from moisture, vibration, and some chemical actions.

Features:
- Encapsulated windings
- Durable steel frame construction
- NEMA design B performance
- 284T - 405T: Y-delta start on either voltage
- 444T - 445T: Y-delta start and part-winding start
- 3-year warranty
- Made in the U.S.A.
- NOT FOR USE WITH VFDs
- Contact sales office for 50HZ ratings as the frame sizes will change from 60HZ

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
15	1200	284T	LM03614	C/A	3886	MD6S15T61	280	230/460	43.0	86.5	1.00	23.10	S, US
20	1200	286T	LM03631	√	8335	MD6S20T61	328	230/460	55.0	84.0	1.00	24.60	S, US
25	1800	284T	LM03618	√	3956	MD4S25T61	296	230/460	63.0	85.5	1.00	23.00	S, US
30	1800	286T	LM03636	√	5545	MD4S30T61	334	230/460	74.0	87.5	1.00	24.60	S, US
	1800	286TS	LM03637	C/A	5545	MD4S30TS61	334	230/460	74.0	87.5	1.00	23.30	S, US
40	3600	286T	LM03651	C/A	5576	MD2S40T61	350	230/460	97.0	87.0	1.00	24.60	S, US
	3600	286TS	LM03650	C/A	5576	MD2S40TS61	350	230/460	97.0	87.0	1.00	23.20	S, US
	1800	324T	LM03669	√	5766	MD4S40T61	420	230/460	99.0	95.0	1.00	25.80	S, US
	1800	324TS	LM03670	C/A	5766	MD4S40TS61	420	230/460	99.0	90.2	1.00	24.50	S, US
50	3600	324TS	LM03681	√	5922	MD2S50TS61	425	230/460	122.0	89.5	1.00	— —	S, US
	1800	326T	LM03683	√	6002	MD4S50T61	476	230/460	124.0	89.5	1.00	27.30	S, US
60	3600	326TS	LM03691	C/A	6840	MD2S60TS61	484	230/460	154.0	89.5	1.00	24.50	S, US
	1800	364T	LM03709	C/A	7147	MD4S60T61	627	230/460	144.0	91.7	1.00	28.40	S, US
75	3600	364TS	LM03718	C/A	11920	MD2S75TS61	644	230/460	171.0	91.0	1.00	26.30	S, US
	1800	365T	LM03729	√	7596	MD4S75T61	707	230/460	184.0	92.4	1.00	29.40	S, US
	1200	405T	LM03799	C/A	11256	MD6S75T61	948	230/460	196.0	91.7	1.00	33.80	S, US
100	3600	365TS	LM03739	C/A	12202	MD2S100TS61	712	230/460	244.0	90.2	1.00	27.30	S, US
	1800	404T	LM03791	C/A	10109	MD4S100T61	865	230/460	230.0	94.1	1.00	32.30	S, US
125	3600	404TS	LM03797	C/A	14010	MD2S125TS61	875	230/460	294.0	92.4	1.00	29.30	S, US
	1800	405T	LM03809	√	11478	MD4S125T61	972	230/460	290.0	94.1	1.00	33.80	S, US
	1800	405TS	LM03808	C/A	11478	MD4S125TS61	972	230/460	290.0	94.1	1.00	30.80	S, US
150	3600	405TS	LM03815	C/A	14094	MD2S150TS61	978	230/460	368.0	92.4	1.00	30.80	S, US
	1800	444T	LM03761	C/A	15152	MD4S150T64PY	1230	460	175*	95.0	1.00	37.40	S, US
200	1800	445T	LM03773	C/A	18491	MD4S200T64PY	1440	460	222*	94.1	1.00	39.60	S, US
250	1800	445T	LM03780	C/A	19327	MD4S250T64PY	1500	460	293*	95.0	1.00	39.40	S, US
	1800	445TS	LM03779	C/A	19327	MD4S250TS64PY	1500	460	293*	93.6	1.00	35.50	S, US

* F.L. Amps at 460V

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Severe Duty Motors

ODP-Encapsulated Multiguard®

Three Phase - Drip-Proof - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
15	1200	284TC	LM03616	C/A	4080	MD6S15TC61	287	230/460	43.0	86.5	1.00	23.20	S, US
20	1200	286TC	LM03633	C/A	8382	MD6S20TC61	335	230/460	55.0	87.5	1.00	24.70	S, US
	1200	286TSC	LM03632	C/A	8382	MD6S20TSC61	335	230/460	55.0	87.5	1.00	23.20	S, US
25	1800	284TC	LM03623	C/A	4114	MD4S25TC61	303	230/460	63.0	85.5	1.00	23.20	S, US
30	1800	286TC	LM03643	√	5973	MD4S30TC61	343	230/460	74.0	87.5	1.00	24.70	S, US
40	1800	324TC	LM03673	C/A	6203	MD4S40TC61	439	230/460	99.0	90.2	1.00	25.90	S, US
50	1800	326TC	LM03686	√	6674	MD4S50TC61	486	230/460	124.0	89.5	1.00	27.40	S, US
60	1800	364TC	LM03711	C/A	8199	MD4S60TC61	639	230/460	144.0	91.7	1.00	28.40	S, US
	1800	364TSC	LM03713	C/A	8199	MD4S60TSC61	639	230/460	144.0	91.7	1.00	26.30	S, US
75	1800	365TC	LM03730	C/A	9195	MD4S75TC61	709	230/460	184.0	92.4	1.00	29.60	S, US
	1800	365TSC	LM03733	C/A	9195	MD4S75TSC61	709	230/460	184.0	92.4	1.00	27.30	S, US
100	1800	404TC	LM03792	C/A	10799	MD4S100TC61	881	230/460	230.0	94.1	1.00	32.20	S, US
	1800	404TSC	LM03794	C/A	10794	MD4S100TSC61	881	230/460	230.0	94.1	1.00	29.20	S, US
125	1800	405TC	LM03810	√	12165	MD4S125TC61	988	230/460	290.0	93.0	1.00	32.20	S, US
	1800	405TSC	LM03812	√	12165	MD4S125TSC61	988	230/460	290.0	94.1	1.00	30.70	S, US
150	1800	444TSC	LM03763	C/A	16003	MD4S150TSC64PY	1251	460	174*	92.4	1.00	33.00	S, US
200	1800	445TSC	LM03776	√	19343	MD4S200TSC64PY	1435	460	222*	94.5	1.00	35.00	S, US

* F.L. Amps at 460V

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

Three Phase - Drip-Proof - Double C Face/Double Shaft - With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
25	1800	284TSC	LM03625	C/A	4325	MD4S25TSCTSC61	310	230/460	63.0	85.5	1.00	25.50	S, US
30	1800	286TC	LM03644	√	6625	MD4S30TCTMC61	348	230/460	75.0	89.5	1.00	29.10	S, US
40	1800	324TC	LM03674	C/A	6503	MD4S40TCTMC61	440	230/460	99.0	90.2	1.00	31.00	S, US
	1800	324TSC	LM03675	C/A	6503	MD4S40TSCTSC61	440	230/460	99.0	90.2	1.00	28.50	S, US
50	1800	326TC	LM03687	C/A	6873	MD4S50TCTMC61	496	230/460	124.0	89.5	1.00	32.50	S, US
	1800	326TSC	LM27884	C/A	6873	MD4S50TSCT61Y	496	230/460	124.0	89.5	1.00	30.20	S, US
60	1800	364TC	LM03714	C/A	8342	MD4S60TCTMC61	651	230/460	144.0	91.7	1.00	33.50	S, US
	1800	364TSC	LM03715	C/A	8342	MD4S60TSCTSC61	651	230/460	154.0	92.4	1.00	30.50	S, US
75	1800	365TC	LM03735	√	8789	MD4S75TCTMC61	721	230/460	184.0	92.4	1.00	34.50	S, US
	1800	365TSC	LM03736	C/A	8789	MD4S75TSCTSC61	721	230/460	184.0	92.4	1.00	31.50	S, US
100	1800	404TSC	LM03795	C/A	11379	MD4S100TSCTSC61	897	230/460	250.0	94.1	1.00	34.00	S, US
125	1800	405TSC	LM03813	C/A	12748	MD4S125TSCTSC61	1004	230/460	302.0	93.6	1.00	35.50	S, US
	1200	445TSC	LM03771	C/A	19674	MD6S125TSCTSC64PY	1419	460	167.0*	94.1	1.00	41.00	S, US
150	1800	444TSC	LM03764	C/A	16930	MD4S150TSCTSC64PY	1272	460	175.0*	95.0	1.00	39.00	S, US

* F.L. Amps at 460V

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

CUSTOMIZED AND MODIFIED PRODUCTS

Custom Motors, Gearboxes & Gearmotors

LEESON is a leading designer and manufacturer of application-specific AC and DC motors and gearmotors in sub-fractional, fractional and integral horsepower sizes. We offer a database of over 30,000 custom designs, experienced application and design engineering teams to ensure the best, most cost-effective custom motor solution.

Custom Multi-Speed & Low-Speed Motors

LEESON's PDQ Modular Production Program utilizes specially designed and standard components to make almost any imaginable NEMA frame multi-speed or low-speed motor available when you need it. We pride ourselves on fast turnaround times on highly customized motors.

Custom motors include two, three and four-speed motors and speed ranges of 900, 720, 600, 450 and 300 RPMs. We also specialize in non-standard shaft designs. **For quotations, availability and application assistance, phone toll-free to our Canadian manufacturing facility at 1-800-463-1797.**

Mod-Squad Program

Quick-turnaround stock motor modifications are available through the LEESON Motor Mod-Squad. Adding cords or switches, changing mountings, extending leads and incorporating various severe-duty features are among the many standard modifications offered.

MOD-SQUAD
MOTORS MODIFIED FAST

Modified stock gear reducers are offered on a quick-ship basis through the LEESON Gear Mod-Squad. A wide array of mountings, shaft extensions and other changes are available for 600 Series IRONMAN® reducers. In addition, modified stock Gear+Motor™ packages can be created, drawing on LEESON's extensive range of NEMA C face motors.

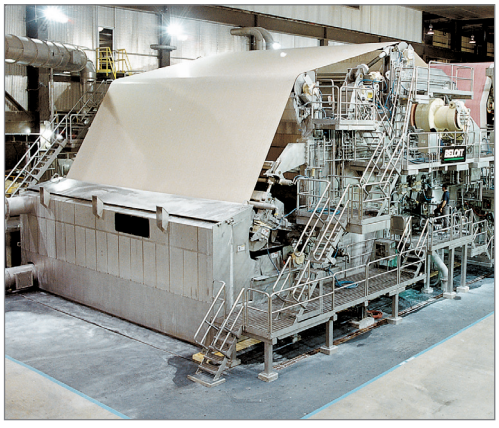
MOD-SQUAD
REDUCERS MODIFIED FAST

Explosion Proof Motors

- Meets all UL and CSA safety requirements
- Single and three phase motors
- Double shielded ball bearings
- Automatic overload protection or thermostat protected
- Includes explosion proof conduit box
- NEMA 1.0 or 1.15 service factor
- 1 year warranty
- 3 year warranty on premium efficient models

Applications:

These motors must be applied in accordance with the National Electrical Code, Article #500. Consult NFPA Publication 497M for a complete listing of explosive agents that are typically found in the environments that these motors are exposed to.



Application Notes
These motors must be applied in accordance with the National Electrical Code, Article #500.
A partial listing of explosive agents is noted below. Consult NFPA Publication 497M for a complete listing.
Please note subheads above each column for qualifications of LEESON motors.

Features:
- Meets UL and CSA safety requirements
- Automatic overload protected
- Explosion rated conduit box included
- Internal mounted capacitors
- Double shielded ball bearings
- Meets temperature code T3B

Rating Information:
Division I areas are environments where a hazard is present continuously or would be subject to fire or explosion if the hazard was present as a result of an accident or uncommon occurrence.
Division II areas are environments where the threat of fire or explosion is not normally present and not likely to result in the event of an abnormal occurrence.

Application Notes:
Class I
Group A: Acetylene
Group B: Butadiene, ethylene oxide, hydrogen, propylene oxide, manufactured gases containing more than 30% hydrogen by volume.
Group C: Acetaldehyde, cyclopropane, diethyl ether, ethylene.
Group D: Acetone, acrylonitrile, ammonia, benzene, butane, ethanol, ethylene dichloride, gasoline, hexane, isoprene, methane (natural gas), methanol, naphtha, propane, propylene, styrene, toluene, vinyl acetate, vinyl chloride, xylene.
Class II
Group E: Aluminum, magnesium and other metal dusts with similar characteristics.
Group F: Carbon black, coke or coal dust.
Group G: Flour, starch or grain dust.

Note: No LEESON motors are listed for Class I, Group A or B for Division I.

Please contact your local LEESON sales office for ATEX certified motors.

Explosion-Proof Motors

Single Phase - Rigid Base

Division I, Division II, Class I, Groups C & D - Class II, Groups F & G - W/Conduit Box

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56	111074.00	√	796	A6C17EB20	35	115/208-230	Auto.	2.9	1.00	12.97	S, US, 12
1/2	1800	56H	111084.00	√	878	A6C17XB22	41	115/208-230	Auto.	4.4	1.00	13.58	S, US, 6, 13
3/4	1800	56H	110934.00	√	1036	A6C17XB21	46	115/208-230	Auto.	5.5	1.00	14.08	S, US, 6, 13
1	1800	56H	110961.00	√	1176	A6C17XB20	47	115/208-230	Auto.	6.7	1.00	14.08	S, US, 6, 13

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

Single Phase - C Face Less Base

Division I, Division II, Class I, Groups C & D - Class II, Groups F & G - W/Conduit Box

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	3600	56C	111095.00	√	837	A6C34EC20	38	115/208-230	Auto.	2.2	1.00	13.44	S, US, 13
	1800	56C	111075.00	√	878	A6C17EC20	41	115/208-230	Auto.	2.9	1.00	12.97	S, US, 12
1/2	3600	56C	111098.00	√	846	A6C34XC22	35	115/208-230	Auto.	4.2	1.00	13.44	S, US, 13
	3600	56J	116188.00	√	799	A6C34XC31	35	115/208-230	Auto.	3.8	1.00	13.96	S, US, 13
	1800	56C	111085.00	√	974	A6C17XC22	45	115/208-230	Auto.	4.4	1.00	13.94	S, US, 13
3/4	3600	56C	111097.00	√	908	A6C34XC21	40	115/208-230	Auto.	5.0	1.00	13.96	S, US, 13
	3600	56J	116186.00	√	900	A6C34XC32	40	115/208-230	Auto.	5.0	1.00	14.46	S, US, 13
	1800	56C	111086.00	√	1080	A6C17XC21	50	115/208-230	Auto.	5.5	1.00	14.44	S, US, 13
1	3600	56C	111096.00	√	974	A6C34XC20	49	115/208-230	Auto.	6.2	1.00	14.44	S, US, 13
	3600	56J	116185.00	√	965	A6C34XC33	49	115/208-230	Auto.	6.0	1.00	14.96	S, US, 13
	1800	56C	110852.00	√	1232	A6C17XC20	53	115/208-230	Auto.	6.7	1.00	14.44	S, US, 13
1 1/2	3600	56C	114424.00	√	1206	A6C34XC26	44	115/208-230	Auto.	8.5	1.00	14.96	S, US, 13
	3600	56J	116183.00	√	1237	A6C34XC34	54	115/208-230	Auto.	8.5	1.00	14.95	S, US, 13
2	3600	56C	114425.00	√	1323	A6C34XC27	54	115/208-230	Auto.	10.5	1.00	14.94	S, US, 13
	3600	56J	116181.00	√	1346	A6C34XC35	54	115/208-230	Auto.	10.5	1.00	15.45	S, US, 13

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

Single Phase - C Face With Base

Division I, Division II, Class I, Groups C & D - Class II, Groups F & G - W/Conduit Box

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	3600	56C	116605.00	√	866	A6C34XK7	39	115/208-230	Auto.	2.6	1.00	13.44	S, US, 13
	1800	56C	116606.00	√	905	A6C17XK33	42	115/208-230	Auto.	3.3	1.00	13.44	S, US, 13
	1200	56C	116607.00	√	1036	A6C17XK31	45	115/208-230	Auto.	3.9	1.00	13.94	S, US, 6, 13
1/2	3600	56C	116608.00	√	873	A6C34XK6	36	115/208-230	Auto.	3.8	1.00	13.44	S, US, 6, 13
	1800	56C	116609.00	√	1003	A6C17XK32	46	115/208-230	Auto.	4.4	1.00	13.94	S, US, 6, 13
	1200	56HC	116610.00	√	1123	A6C17XK34	56	115/208-230	Auto.	4.7	1.00	14.94	S, US, 6, 13
3/4	3600	56C	116611.00	√	934	A6C34XK5	41	115/208-230	Auto.	5.3	1.00	13.94	S, US, 6, 13
	1800	56C	116612.00	√	1109	A6C17XK30	51	115/208-230	Auto.	5.5	1.00	14.44	S, US, 6, 13
1	3600	56C	116613.00	√	1003	A6C34XK4	50	115/208-230	Auto.	6.3	1.00	14.44	S, US, 6, 13
	1800	56C	116614.00	√	1222	A6C17XK29	54	115/208-230	Auto.	6.7	1.00	14.44	S, US, 6, 13
1 1/2	3600	56C	116615.00	√	1422	A6C34XK3	45	115/208-230	Auto.	8.5	1.00	14.44	S, US, 6, 13
2	3600	56C	116616.00	√	1742	A6C34XK2	58	115/208-230	Auto.	10.5	1.00	14.94	S, US, 6, 13

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Division I, Division II, Class I, Groups C & D - Class II, Groups F & G - W/Conduit Box

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56	111932.00	√	813	A6T17EB22	33	208-230/460	Auto	1.3	76.00	1.00	10.97	S, US, 12
	1800	56	117856.00	√	797	C6T17EB38	33	208-230/460	T-Stats	1.3	76.00	1.00	10.97	S, US, 12
	1200	56H	111940.00	√	1167	A6T11EB21	39	208-230/460	Auto	1.5	70.00	1.00	13.97	S, US, 12
1/2	3600	56	111934.00	√	928	A6T34EB22	39	208-230/460	Auto	1.6	82.50	1.00	12.47	S, US, 12
	1800	56	111929.00	√	845	A6T17EB21	32	208-230/460	Auto	1.7	75.00	1.00	12.47	S, US, 12
	1800	56	117857.00	√	829	C6T17EB39	32	208-230/460	T-Stats	1.7	75.00	1.00	12.47	S, US, 12
	1200	56H	111938.00	√	1235	A6T11XB22	44	208-230/460	Auto	2.0	71.00	1.00	13.47	S, US, 6, 12
3/4	3600	56	111937.00	√	972	A6T34XB21	37	208-230/460	Auto	3.2	75.50	1.00	13.44	S, US, 13
	1800	56	111923.00	√	981	A6T17XB21	38	208-230/460	Auto	3.0	75.00	1.00	13.94	S, US, 13
	1800	56	117858.00	√	964	C6T17XB35	38	208-230/460	T-Stats	3.0	75.00	1.00	13.94	S, US, 13
1	3600	56	111942.00	√	1025	A6T34XB20	34	208-230/460	Auto	3.6	77.00	1.00	13.44	S, US, 13
	1800	56H	111922.00	√	1066	A6T17XB20	45	208-230/460	Auto	3.6	78.00	1.00	13.94	S, US, 6, 13
	1800	56H	117848.00	√	1050	A6T17XB20	45	208-230/460	T-Stats	3.6	78.00	1.00	13.94	S, US, 6, 13
1 1/2	3600	143T	121914.00	√	1172	A143T34XB25	49	208-230/460	Auto	4.0	84.00	1.00	14.41	S, US, 13
	1800	56H	117849.00	√	1286	A6T17XB27	58	208-230/460	T-Stats	4.8	80.00	1.15	14.41	S, US, 13
	1800	145T	121915.00	√	1304	A145T17XB28	59	208-230/460	Auto	4.8	86.50	1.00	14.41	S, US, 13
	1800	145T	122024.00	√	1286	C145T17XB31	59	208-230/460	T-Stats	4.8	86.50	1.00	14.41	S, US, 13
2	3600	145T	121916.00	√	1208	A145T34XB25	55	208-230/460	Auto	4.8	85.50	1.00	15.41	S, US, 13
	1800	145T	121917.00	√	1448	C145T17XB27	60	208-230/460	Auto	5.8	86.50	1.00	15.41	S, US, 13
	1800	145T	122025.00	√	1429	C145T17XB32	60	208-230/460	T-Stats	5.8	86.50	1.00	15.41	S, US, 13
3	3600	145T	121918.00	√	1428	U145T34XB26	56	208-230/460	T-Stats	4.8	86.50	1.00	15.91	S, US, 13

Green items are Premium Efficient

♥ Note listing on inside back flap

Note 12 - TENV

Specifications are subject to change without notice

Three Phase - C Face Less Base

Division I, Division II, Class I, Groups C & D - Class II, Groups F & G - W/Conduit Box

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	3600	56C	111944.00	√	971	A6T34EC23	36	208-230/460	Auto	1.2	77.00	1.00	11.97	S, US, 12
	1800	56C	111931.00	√	1042	A6T17EC23	29	208-230/460	Auto	1.2	76.00	1.00	11.97	S, US, 12
	1800	56C	117860.00	√	1026	C6T17EC30	29	208-230/460	T-Stat	1.2	76.00	1.00	11.97	S, US, 12
1/2	3600	56C	111933.00	√	1011	A6T34EC22	33	208-230/460	Auto	1.6	82.50	1.00	12.47	S, US, 12
	3600	56J	116187.00	√	987	A6T34EC28	33	208-230/460	Auto	1.6	82.50	1.00	12.98	S, US, 12
	1800	56C	111930.00	√	1104	A6T17EC22	34	208-230/460	Auto	1.7	75.00	1.00	12.47	S, US, 12
	1800	56C	117852.00	√	1088	A6T17XC29	34	208-230/460	T-Stat	1.7	75.00	1.00	12.47	S, US, 12
3/4	3600	56C	111936.00	√	1042	A6T34XC21	27	208-230/460	Auto	2.4	75.50	1.00	13.44	S, US, 13
	1800	56C	111935.00	√	1121	A6T17XC23	36	208-230/460	Auto	3.0	75.00	1.00	13.94	S, US, 13
	1800	56C	117853.00	√	1106	A6T17XC30	36	208-230/460	T-Stat	3.0	75.00	1.00	13.94	S, US, 13
1	3600	56C	111943.00	√	1091	A6T34XC20	30	208-230/460	Auto	3.2	77.00	1.00	13.44	S, US, 13
	3600	56J	116184.00	√	1062	A6T34XC31	33	208-230/460	Auto	3.2	77.00	1.00	13.95	S, US, 13
	1800	56C	111926.00	√	1176	A6T17XC22	46	208-230/460	Auto	3.6	78.00	1.00	13.94	S, US, 13
	1800	56C	117854.00	√	1161	A6T17XC31	46	208-230/460	T-Stat	3.6	78.00	1.00	13.94	S, US, 13
1 1/2	3600	56C	111939.00	√	1241	A6T34XC25	48	208-230/460	Auto	4.2	81.50	1.00	13.94	S, US, 13
	3600	56J	116182.00	√	1089	A6T34XC30	48	208-230/460	Auto	4.2	81.50	1.00	14.46	S, US, 13
	1800	56C	111941.00	√	1266	A6T17XC24	46	208-230/460	Auto	4.4	80.00	1.00	15.94	S, US, 13
	1800	56C	117855.00	√	1247	A6T17XC32	46	208-230/460	T-Stat	4.4	80.00	1.00	15.94	S, US, 13
2	3600	56C	113971.00	√	1387	A6T34XC26	50	208-230/460	Auto	5.6	82.50	1.15	13.94	S, US, 13
	3600	56J	116180.00	√	1138	A6T34XC29	50	208-230/460	Auto	5.6	82.50	1.00	14.45	S, US, 13
	1800	145TC	G121178.00	√	1371	A145T17XC4	55	208-230/460	Auto	5.6	84.00	1.00	15.03	S, US, 13
	1800	145TC	122023.00	√	1353	A145T17XC6	55	208-230/460	T-Stat	5.6	84.00	1.00	15.03	S, US, 13
3	3600	56C	114419.00	√	1545	A6T34XC28	54	208-230/460	Auto	7.6	84.00	1.00	15.44	S, US, 13
	1800	182TC	G825116.00	√	1785	182TTGS14057	96	230/460	T-Stat	8.5	87.50	1.00	17.87	C, US, 13
5	3600	184TC	G825190.00	√	1909	184TTGN4013	133	230/460	T-Stat	11.8	87.50	1.00	18.62	C, US, 13, †
	1800	184TC	G825128.00	√	2045	184TTGN14030	116	230/460	T-Stat	13.8	87.50	1.00	17.87	C, US, 13
7 1/2	3600	213TC	G825188.00	C/A	2867	213TTGN14005	241	230/460	T-Stat	19.0	88.50	1.00	22.25	C, US, 13
	1800	213TC	G825192.00	C/A	2837	213TTGN4050	194	230/460	T-Stat	20.0	89.50	1.00	23.45	C, US, 13
10	3600	215TC	G825193.00	C/A	3010	215TTGN4031	271	230/460	T-Stat	24.0	90.20	1.00	22.25	C, US, 13
	1800	215TC	G825194.00	C/A	2988	215TTGN4051	216	230/460	T-Stat	25.0	86.50	1.00	23.45	C, US, 13
15	3600	254TC	G825195.00	C/A	3808	254TTGP14014	301	230/460	T-Stat	35.0	90.20	1.00	24.19	C, US, 13
	1800	254TC	G825196.00	C/A	4462	T254T17XC1	370	230/460	T-Stat	39.0	91.00	1.00	25.77	C, US, 13
20	3600	256TC	G825197.00	C/A	5115	256TTGN14013	340	230/460	T-Stat	47.0	90.20	1.00	25.77	C, US, 13
	1800	256TC	G825198.00	C/A	5088	256TTGN14046	315	230/460	T-Stat	50.0	91.00	1.00	25.94	C, US, 13

Note † - Explosion-proof motors are Class I, Group D—Class II, Groups F & G.

♥ Note listing on inside back flap

C/A - Check Availability

Note 12 - TENV

Specifications are subject to change without notice

View On-line Technical Information

LEESON®

Explosion-Proof Motors

Three Phase - C Face With Base

Division I, Division II, Class I, Groups C & D; Class II, Groups F & G - W/Conduit Box

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	3600	56C	114625.00	√	981	A6T34EK1	33	208-230/460	Auto.	1.2	77.00	1.00	11.97	S, US, 12
	1800	56C	114626.00	√	1059	A6T17EK7	38	208-230/460	Auto.	1.3	76.00	1.00	11.97	S, US, 12
	1800	56C	117859.00	√	1043	C6T17EK11	38	208-230/460	T-Stat	1.3	76.00	1.00	11.97	S, US, 12
1/2	3600	56C	114627.00	√	1022	A6T34EK2	35	208-230/460	Auto.	1.6	82.50	1.00	12.47	S, US, 12
	1800	56C	114628.00	√	1108	A6T17EK8	35	208-230/460	Auto.	1.7	75.00	1.00	12.47	S, US, 12
	1800	56C	116190.00	√	1393	C6T17XK23	34	208-230/460	T-Stat	2.4	68.00	1.00	13.44	S, US, 13
3/4	3600	56C	114629.00	√	1056	A6T34XK2	33	208-230/460	Auto.	2.4	75.50	1.00	13.44	S, US, 13
	1800	56C	114630.00	√	1130	A6T17XK11	42	208-230/460	Auto.	2.6	75.00	1.00	13.94	S, US, 13
	1800	56C	116191.00	√	1420	C6T17XK24	38	208-230/460	T-Stat	3.0	75.50	1.00	13.44	S, US, 13
1	3600	56C	114631.00	√	1104	A6T34XK3	34	208-230/460	Auto.	3.2	77.00	1.00	13.44	S, US, 13
	1800	56C	114632.00	√	1199	A6T17XK12	48	208-230/460	Auto.	3.2	85.50	1.00	14.50	S, US, 13
	1800	56C	117850.00	√	1182	A6T17XK27	48	208-230/460	T-Stat	3.2	85.50	1.00	14.50	S, US, 13
	1800	143TC	121919.00	√	1778	C143T17XK3	44	208-230/460	T-Stat	3.0	82.50	1.00	14.50	S, US, 13
11/2	3600	56C	114633.00	√	1253	A6T34XK4	42	208-230/460	Auto.	4.2	81.50	1.00	13.94	S, US, 13
	1800	56C	114634.00	√	1283	A6T17XK13	45	208-230/460	Auto.	4.4	80.00	1.00	15.94	S, US, 13
	1800	56C	117851.00	√	1263	A6T17XK28	45	208-230/460	T-Stat	4.4	80.00	1.00	15.94	S, US, 13
	1800	145TC	121920.00	√	1844	C145T17XK6	58	208-230/460	T-Stat	4.8	86.50	1.15	16.00	S, US, 13
2	3600	56C	114635.00	√	1240	A6T34XK5	51	208-230/460	Auto.	5.6	78.80	1.00	13.94	S, US, 13
	1800	145TC	121921.00	√	1552	C145T17XK7	62	208-230/460	Auto.	5.8	86.50	1.00	15.02	S, US, 13
	1800	145TC	121922.00	√	2017	C145T17XK8	66	208-230/460	T-Stat	5.8	86.50	1.00	16.50	S, US, 13
3	3600	56C	114636.00	√	1553	A6T34XK6	62	208-230/460	Auto.	7.6	84.00	1.00	15.44	S, US, 13

Green items are Premium Efficient

♥ Note listing on inside back flap

Note 12 - TENV

Specifications are subject to change without notice

Three Phase - C Face With Rigid Base - ALL Cast Iron Construction

Division I, Division II, Class I, Group C & D; Class II, Groups F & G • W/Conduit Box

All Ratings Are Inverter Rated

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3	3600	182TC	825125.00	√	1840	182TTGN16508	95	230/460	T-Stat	7.6	87.50	1.15	17.62	C, US
	1800	182TC	825126.00	√	1840	182TTGN16529	96	230/460	T-Stat	7.8	90.20	1.15	17.60	C, US
5	3600	184TC	825127.00	√	1964	184TTGN16503	130	230/460	T-Stat	12.0	88.50	1.15	17.62	C, US
	1800	184TC	825071.00	√	1964	184TTGN16537	130	230/460	T-Stat	12.8	90.20	1.15	17.60	C, US
71/2	3600	213TC	825072.00	√	2949	213TTGN16507	143	230/460	T-Stat	18.0	90.20	1.15	20.68	C, US
	1800	213TC	825073.00	√	2920	213TTGN16526	143	230/460	T-Stat	18.6	91.70	1.15	20.68	C, US
10	3600	215TC	825074.00	√	3097	215TTGN16505	160	230/460	T-Stat	23.0	91.70	1.15	20.68	C, US
	1800	215TC	825075.00	√	3074	215TTGN16526	160	230/460	T-Stat	25.0	91.70	1.15	20.68	C, US
15	3600	254TC	825076.00	√	3918	254TTGN16507	245	230/460	T-Stat	34.6	91.70	1.15	24.02	C, US
	1800	254TC	825077.00	√	4591	254TTGN16540	246	230/460	T-Stat	36.0	92.40	1.15	24.02	C, US
20	3600	256TC	825078.00	√	5263	256TTGN16513	271	230/460	T-Stat	46.0	91.00	1.15	25.77	C, US
	1800	256TC	825079.00	√	5235	256TTGN16543	273	230/460	T-Stat	49.0	93.00	1.15	25.77	C, US
25	3600	284TSC	825080.00	√	5449	284TSTGN16506	373	230/460	T-Stat	56.8	91.70	1.15	24.44	C, US
	1800	284TC	825081.00	√	5390	284TTGN16540	375	230/460	T-Stat	59.0	93.60	1.15	26.80	C, US
30	1800	286TC	825082.00	√	6124	286TTGN16538	395	230/460	T-Stat	70.0	93.60	1.15	28.30	C, US
40	1800	324TC	825083.00	√	7958	324TTGS1603	563	230/460	T-Stat	92.0	94.10	1.15	29.37	C, US
50	1800	326TC	825084.00	√	9794	326TTGS16031	585	230/460	T-Stat	117.0	94.50	1.15	30.87	C, US

Green items are Premium Efficient

♥ Note listing on inside back flap

Specifications are subject to change without notice

All Ratings Are Inverter Rated

View On-line Technical Information

Division I, Division II, Class I, Groups C & D Class II, Groups F & G -

All Ratings Are Inverter Rated

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3	1800	182T	825085.00	√	1746	182TTGN16026	107	230/460	T-Stat	7.8	89.50	1.15	17.62	C, US
5	3600	184T	825086.00	√	1840	184TTGN16504	117	230/460	T-Stat	12.0	88.50	1.15	17.62	C, US
	1800	184T	825087.00	√	1809	184TTGN16032	128	230/460	T-Stat	12.8	89.50	1.15	17.62	C, US
7 1/2	3600	213T	825088.00	√	2823	213TTGN16527	183	230/460	T-Stat	18.0	89.50	1.15	21.41	C, US
	1800	213T	825089.00	√	2791	213TTGN16527	228	230/460	T-Stat	18.6	91.70	1.15	20.16	C, US
10	3600	215T	825090.00	√	2962	215TTGN16504	200	230/460	T-Stat	23.6	90.20	1.15	21.41	C, US
	1800	215T	825091.00	√	2949	215TTGN16526	273	230/460	T-Stat	25.0	91.70	1.15	21.41	C, US
15	3600	254T	825092.00	√	3994	254TTGN16506	333	230/460	T-Stat	34.6	91.00	1.15	24.12	C, US
	1800	254T	825093.00	√	3978	254TTGN16539	383	230/460	T-Stat	36.0	92.40	1.15	24.12	C, US
20	3600	256T	825094.00	√	4185	256TTGS16514	383	230/460	T-Stat	46.8	91.00	1.15	25.77	C, US
	1800	256T	825095.00	√	4153	256TTGN16539	285	230/460	T-Stat	48.2	93.00	1.15	25.77	C, US
25	3600	284TS	825096.00	√	5400	284TSGN16505	413	230/460	T-Stat	56.2	91.70	1.15	25.44	C, US
	1800	284T	825097.00	√	4851	284TTGN16538	374	230/460	T-Stat	62.0	93.60	1.15	26.80	C, US
30	3600	286TS	825098.00	√	5510	286TSTN16504	464	230/460	T-Stat	67.6	91.70	1.15	26.94	C, US
	1800	286T	825099.00	√	5465	286TTGN16033	464	230/460	T-Stat	73.0	93.60	1.15	28.30	C, US
40	3600	324TS	825100.00	√	7620	324TSTGS16002	515	230/460	T-Stat	94.0	92.40	1.15	27.87	C, US
	1800	324T	825101.00	√	7341	324TTGS16037	535	230/460	T-Stat	95.0	94.10	1.15	29.37	C, US
50	3600	326TS	825102.00	√	9586	326TSTGS16503	585	230/460	T-Stat	116.0	93.00	1.15	29.37	C, US
	1800	326T	825103.00	√	9524	326TTGS16540	585	230/460	T-Stat	120.0	94.50	1.00	30.57	C, US
60	3600	364TS	825104.00	C/A	13696	364TSTGS16504	890	230/460	T-Stat	134.0	93.60	1.15	29.88	C, US
	1800	364T	825105.00	√	13114	364TTGS16035	992	230/460	T-Stat	138.0	95.00	1.15	32.00	C, US
75	3600	365TS	825106.00	√	15827	365TSTGS16507	1025	230/460	T-Stat	168.0	93.60	1.15	30.88	C, US
	1800	365T	825107.00	√	15624	365TTGS16541	1053	230/460	T-Stat	172.0	95.40	1.15	33.00	C, US
100	3600	405TS	825108.00	C/A	21410	405TSTGS16002	1168	230/460	T-Stat	216.0	94.10	1.15	34.62	C, US
	1800	405T	825109.00	C/A	19037	405TTGS16034	1322	230/460	T-Stat	226.0	95.40	1.15	37.62	C, US
125	3600	444TS	825110.00	C/A	29555	444TSGN16503	1768	230/460	T-Stat	136.0	95.00	1.15	38.00	C, US
	1800	444T	825111.00	C/A	24834	444TTGN16032	1822	460	T-Stat	141.0*	95.40	1.15	41.75	C, US
150	3600	445TS	825112.00	C/A	34592	445TSTGN16002	2072	460	T-Stat	165.0*	95.00	1.15	38.00	C, US
	1800	445T	825113.00	C/A	28943	445TTGN16035	2072	460	T-Stat	172.0*	95.80	1.15	43.69	C, US
200	3600	445TS	825114.00	C/A	42213	445TSTGN16003	2332	460	T-Stat	222.0*	95.40	1.15	38.00	C, US
	1800	445T	825115.00	C/A	34208	445TTGN16036	2275	460	T-Stat	226.0*	96.20	1.15	43.69	C, US
250	3600	449TS	G825071.00	C/A	42353	449TSTGS14004	2480	460	T-Stat	274.0*	95.40	1.00	48.14	C, US
	1800	449T	G825072.00	C/A	34998	449TTGS14041	2630	460	T-Stat	285.0*	95.00	1.00	51.85	C, US
300	1800	449T	G850818.00	C/A	37330	449TTGS14046	3032	460	T-Stat	338.0*	95.40	1.00	51.85	C, US
350	1800	449T	G850819.00	C/A	41136	449TTGS14047	3280	460	T-Stat	400.0*	95.40	1.00	51.85	C, US

These explosion-proof motors are not designed for vertical mounting.

♥ Note listing on inside back flap

Green items are Premium Efficient

* F.L. Amps @ 460 Volts

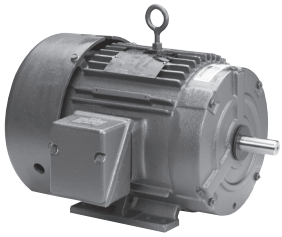
C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Automotive Duty Motors

Lincoln Automotive Duty Motors



- Meets NEMA U-frame dimensions and performance
- Meets or exceeds General Motors GM-7EH, and -7EQ, Ford Emi and Chrysler NPEM-100 specifications
- NEMA design B performance
- Inverter rated
- Oversized cast iron conduit box with threaded conduit holes
- Lower noise designs
- Shielded ball bearing construction
- UL recognized component listing and CSA approved

Applications:

Ideally suited for a wide variety of tough applications found in automotive manufacturing facilities and other industries utilizing U-Frame motors, which would include pumps, conveyors and fans.

LEESON®

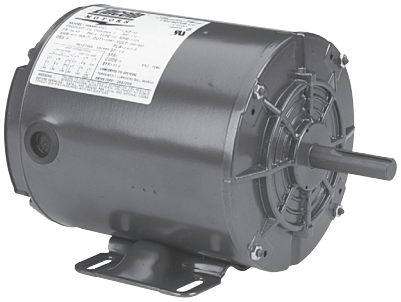
Automotive Duty Motors

Lincoln Automotive Duty Motors

Totally Enclosed - 56 Frame - 1/4 HP - 3 HP

Features:

- NEMA Design B Performance
- Steel frame/cast aluminum end brackets
- Premium Class F Insulation system
- Continuous Duty



Application Notes:

Ideally suited for use on pumps, fans, conveyors, gear boxes and other equipment located in automotive manufacturing facilities.

Three Phase - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	56	LM25123	√	566	SRN4H0.25T61	22	230/460	1.1	68.0	1.00	9.94	S, MX
	1200	56	LM25127	√	807	SRN6H0.25T61	28	230/460	1.2	73.4	1.00	10.94	S, MX
1/3	3600	56	LM25124	√	508	SRN2H0.33T61	20	230/460	2.0	64.0	1.00	9.94	S, US
	1800	56	LM25115	C/A	602	SRN4H0.33T61	22	230/460	1.2	68.0	1.00	9.94	S, MX
	1200	56	LM25116	C/A	816	SRN6H0.33T61	29	230/460	1.5	75.5	1.00	10.94	S, US
1/2	3600	56	LM25126	√	546	SRN2H0.5T61	23	230/460	1.6	74.0	1.00	9.94	S, US
	1800	56	LM24258	√	687	SRN4H0.5T61	26	230/460	2.0	77.0	1.00	10.44	S, MX
	1200	56	LM24268	√	901	SRN6H0.5T61	42	230/460	1.9	78.5	1.00	11.94	S, MX
3/4	3600	56	LM25133	C/A	624	SRN2H0.75T61	34	230/460	2.4	80.0	1.00	10.94	S, US
	1800	56	LM24266	C/A	761	SRN4H0.75T61	30	230/460	2.4	81.5	1.00	10.94	S, MX
1	3600	56	LM25129	C/A	703	SRN2H1T61	41	230/460	2.8	82.5	1.00	11.94	S, US
	1800	56	LM25113	√	599	SRF4H1T61	28	230/460	3.6	77.0	1.00	12.32	S, MX

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Automotive Duty Motors

Lincoln Automotive Duty Motors

Totally Enclosed - 56 Frame - 1/4 HP - 1 HP

Three Phase - C Face Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	56C	LM25131	C/A	622	SRN4H0.25TC61	20	230/460	1.1	68.0	1.15	9.94	S, US
	1200	56C	LM25135	√	867	SRN6H0.25TC61	24	230/460	1.2	73.4	1.00	10.94	S, US
1/3	3600	56C	LM25153	C/A	567	SRN2H0.33TC61	20	230/460	2.0	64.0	1.15	9.94	S, US
	1800	56C	LM25149	C/A	661	SRN4H0.33TC61	22	230/460	1.2	68.0	1.00	9.94	S, US
1/2	3600	56C	LM25151	C/A	602	SRN2H0.5TC61	25	230/460	1.8	74.0	1.00	10.44	S, US
	1800	56C	LM25114	√	746	SRN4H0.5TC61	24	230/460	2.0	77.0	1.00	10.44	S, MX
	1200	56C	LM25134	C/A	958	SRN6H0.5TC61	42	230/460	1.9	78.5	1.00	11.94	S, MX
3/4	3600	56C	LM25119	C/A	684	SRN2H0.75TC61	34	230/460	2.4	80.0	1.00	10.94	S, US
	1800	56C	LM25121	√	821	SRN4H0.75TC61	30	230/460	2.4	81.5	1.00	10.94	S, MX
1	3600	56C	LM25125	C/A	761	SRN2H1TC61	41	230/460	2.8	82.5	1.00	11.94	S, US
	1800	56C	LM25117	√	658	SRF4H1TC61	29	230/460	3.6	77.0	1.00	12.31	S, MX

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

Three Phase - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	56C	LM25136	√	622	SRN4H0.25TCN61	19	230/460	1.1	68.0	1.00	9.94	S, MX
1/3	3600	56C	LM25158	C/A	567	SRN2H0.33TCN61	21	230/460	2.0	64.0	1.00	9.94	S, US
	1800	56C	LM25128	C/A	661	SRN4H0.33TCN61	21	230/460	1.2	68.0	1.00	9.94	S, MX
1/2	3600	56C	LM25154	C/A	602	SRN2H0.5TCN61	23	230/460	1.6	74.0	1.15	9.94	S, US
	1800	56C	LM24259	√	746	SRN4H0.5TCN61	26	230/460	2.0	77.0	1.00	10.44	S, MX
3/4	3600	56C	LM25139	C/A	682	SRN2H0.75TCN61	26	230/460	2.0	80.0	1.15	11.94	S, US
	1800	56C	LM24262	C/A	821	SRN4H0.75TCN61	25	230/460	2.4	81.5	1.00	10.94	S, MX
1	3600	56C	LM25112	C/A	761	SRN2H1TCN61	33	230/460	2.8	82.5	1.00	11.94	S, US
	1800	56C	LM24271	√	658	SRF4H1TCN61	26	230/460	3.6	77.0	1.00	12.32	S, MX

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Features:

- Meets NEMA U-Frame dimensional and performance standards
- Meets or exceeds General Motors GM-7EH and -7EQ, Ford EM1, and Chrysler NPEM-100 specifications
- Full cast iron construction – all frame sizes
- Oversized, cast iron terminal box with threaded conduit holes
- NEMA Design B Performance
- Continuous Duty
- Inverter-Rated
- Premium Class F Insulation System

Application Notes:

Ideally suited for a wide variety of tough applications found in automotive manufacturing facilities and other industries utilizing U-Frame motors.
Lincoln U-Frame motors exceed NEMA MG-1, Section IV, Part 31 spike resistance requirements.

Three Phase - Rigid Mount

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	1200	182U	LM21379	C/A	1212	CCN6P0.75U64	89	460	1.3	82.5	1.00	12.21	C, US
1	1800	182U	LM21378	√	1140	CCN4P1U64	110	460	1.5	87.5	1.00	12.21	C, US
	1200	184U	LM21381	√	1394	CCN6P1U64	108	460	1.7	86.5	1.00	13.21	C, US
1 1/2	3600	182U	LM21084	√	1048	CCN2P1.5U64	108	460	2.0	85.5	1.00	12.21	C, US
	1800	184U	LM21380	C/A	1221	CCN4P1.5U64	108	460	2.1	88.8	1.00	13.21	C, US
	1200	184U	LM20709	√	1533	CCN6P1.5U64	99	460	2.2	87.5	1.00	13.21	C, US
2	3600	184U	LM21085	√	1154	CCF2P2U64	120	460	2.7	85.5	1.00	15.69	C, US
	1800	184U	LM20708	√	1285	CCF4P2U64	120	460	2.6	89.5	1.00	15.69	C, US
	1200	213U	LM21383	C/A	1700	CCF6P2U64	170	460	3.1	87.5	1.00	17.82	C, US
3	3600	184U	LM20707	√	1422	CCF2P3U64	120	460	3.8	87.5	1.00	15.69	C, US
	1800	213U	LM21382	√	1478	CCF4P3U64	170	460	4.0	88.5	1.00	17.82	C, US
	1200	215U	LM20391	√	2105	CCF6P3U64	170	460	4.4	89.5	1.00	19.32	C, US
5	3600	213U	LM21086	√	1576	CCF2P5U64	170	460	6.4	87.5	1.00	17.82	C, US
	1800	215U	LM20392	√	1958	CCF4P5U64	170	460	6.5	89.5	1.00	19.32	C, US
	1200	254U	LM21385	C/A	3084	CCF6P5U64	260	460	6.7	90.2	1.00	23.27	C, US
7 1/2	3600	215U	LM20393	C/A	1897	CCF2P7.5U64	170	460	9.5	88.5	1.00	19.32	C, US
	1800	254U	LM21384	√	2573	CCF4P7.5U64	260	460	9.6	91.7	1.00	23.44	C, US
	1200	256U	LM20389	√	3744	CCF6P7.5U64	332	460	9.9	91.0	1.00	25.02	C, US
10	3600	254U	LM21087	√	2271	CCF2P10U64	260	460	12.0	89.5	1.00	23.44	C, US
	1800	256U	LM20390	√	3126	CCF4P10U64	260	460	12.5	91.7	1.00	25.19	C, US
15	3600	256U	LM20394	√	2893	CCF2P15U64	260	460	17.5	91.7	1.00	25.02	C, US
	1800	284U	LM21665	√	4293	CCF4P15U64	525	460	18.0	92.4	1.00	26.52	C, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Continued On Next Page

Specifications are subject to change without notice

View On-line Technical Information

Automotive Duty Motors

Lincoln Automotive Duty Motors

U-Frame - Three Phase - 460 Volts

Three Phase - Rigid Mount

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
20	3600	286U	LM21088	√	3933	CCF2P20U64	525	460	23.4	90.2	1.00	28.02	C, US
	1800	286U	LM20029	√	5276	CCF4P20U64	525	460	24.1	93.0	1.00	28.02	C, US
25	3600	324U	LM21089	C/A	5046	CCF2P25U64	748	460	28.1	93.6	1.00	29.34	C, US
	3600	324US	LM21807	C/A	5046	CCF2P25US64	748	460	28.1	93.6	1.00	26.97	C, US
	1800	324U	LM21386	√	6602	CCF4P25U64	748	460	30.5	92.1	1.00	29.24	C, US
30	3600	326US	LM21810	C/A	6085	CCF2P30US64	748	460	35.0	91.0	1.00	28.47	C, US
	1800	326U	LM20030	C/A	7712	CCF4P30U64	748	460	36.0	94.1	1.00	30.74	C, US
40	3600	364US	LM21091	C/A	7947	CCF2P40US64	908	460	45.0	93.6	1.00	29.38	C, US
	1800	364U	LM21388	C/A	10168	CCF4P40U64	977	460	47.0	94.1	1.00	32.00	C, US
50	3600	365US	LM21092	C/A	10026	CCF2P50US64	980	460	56.0	94.1	1.00	30.38	C, US
	3600	365U	LM21799	√	10026	CCF2P50U64	980	460	56.0	94.1	1.00	33.00	C, US
	1800	365U	LM19530	C/A	11931	CCF4P50U64	1063	460	57.0	94.5	1.00	33.00	C, US
60	3600	405US	LM19532	C/A	11929	CCF2P60US64	1130	460	66.0	94.1	1.00	34.12	C, US
	1800	405U	LM21391	C/A	14811	CCF4P60U64	1110	460	68.0	95.0	1.00	37.00	C, US
75	3600	444US	LM21093	C/A	15675	CCF2P75US64	1685	460	84.0	94.1	1.00	38.94	C, US
	1800	444U	LM21392	C/A	18268	CCF4P75U64	1787	460	85.0	95.0	1.00	41.38	C, US
	1200	445U	LM19535	C/A	21357	CCF6P75U64	1787	460	90.0	95.0	1.00	43.70	C, US
100	3600	445US	LM21094	C/A	20716	CCF2P100US64	1685	460	113.0	95.4	1.00	38.94	C, US
	1800	445U	LM19534	C/A	22711	CCF4P100U64	1787	460	113.0	95.4	1.00	43.47	C, US

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Lincoln Automotive Duty Motors

U-Frame - Three Phase - 460 Volts - C Face Less Base

Three Phase - Automotive Duty - 460 Volts - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1	1800	182C	LM23781	√	1221	CCN4P1UCN64	108	460	1.5	87.5	1.00	12.96	C, US
1 1/2	1800	184C	LM23783	C/A	1300	CCN4P1.5UCN64	120	460	2.1	88.5	1.00	13.96	C, US
2	1800	184C	LM23782	√	1366	CCF4P2UCN64	132	460	2.6	89.5	1.00	16.22	C, US
3	1800	213C	LM23854	C/A	1805	CCF4P3UCN64	175	460	4.0	88.5	1.00	18.58	C, US
5	1800	215C	LM24072	√	2240	CCF4P5UCN64	181	460	6.5	89.5	1.00	18.58	C, US
7 1/2	1800	254UC	LM23784	C/A	2700	CCF4P7.5UCN64	385	460	9.6	91.7	1.00	23.94	C, US

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	1200	182C	LM21828	C/A	1291	CCN6P0.75UC64	120	460	1.3	82.5	1.00	12.96	C, US
1	1800	182C	LM21827	C/A	1221	CCN4P1UC64	120	460	1.5	87.5	1.00	12.96	C, US
1 1/2	3600	182C	LM21826	C/A	1129	CCN2P1.5UC64	120	460	2.0	85.5	1.00	12.96	C, US
	1800	184C	LM21833	C/A	1300	CCN4P1.5UC64	120	460	2.1	88.5	1.00	13.96	C, US
2	3600	184C	LM21831	C/A	1240	CCF2P2UC64	132	460	2.7	85.5	1.00	14.10	C, US
	1800	184C	LM21832	C/A	1366	CCF4P2UC64	132	460	2.6	89.5	1.00	16.22	C, US
3	3600	184C	LM21829	√	1481	CCF2P3UC64	132	460	3.8	87.5	1.00	16.22	C, US
	1800	213C	LM21837	C/A	1571	CCF4P3UC64	181	460	4.0	88.5	1.00	18.58	C, US
	1200	215C	LM21841	C/A	2200	CCF6P3UC64	181	460	4.4	89.5	1.00	20.08	C, US
5	3600	213C	LM21836	√	1654	CCF2P5UC64	181	460	6.4	87.5	1.00	18.58	C, US
	1800	215C	LM21840	C/A	2054	CCF4P5UC64	181	460	6.5	89.5	1.00	20.08	C, US
	1200	254UC	LM21844	√	3051	CCF6P5UC64	272	460	6.7	90.2	1.00	23.77	C, US
7 1/2	3600	215C	LM21839	C/A	1990	CCF2P7.5UC64	181	460	9.5	88.5	1.00	20.08	C, US
	1800	254UC	LM21843	C/A	2700	CCF4P7.5UC64	272	460	9.6	91.7	1.00	23.89	C, US
10	3600	254UC	LM21842	C/A	2395	CCF2P10UC64	272	460	12.0	89.5	1.00	23.89	C, US
	1800	256UC	LM21846	√	3251	CCF4P10UC64	272	460	12.5	91.7	1.00	25.64	C, US
15	3600	256UC	LM21845	√	3016	CCF2P15UC64	272	460	17.5	91.7	1.00	25.22	C, US
	1800	284UC	LM21848	√	4512	CCF4P15UC64	531	460	18.0	92.4	1.00	26.52	C, US
	1200	324UC	LM21854	√	6538	CCF6P15UC64	757	460	19.2	92.4	1.00	32.50	C, US
20	3600	286UC	LM21850	C/A	4149	CCF2P20UC64	531	460	23.4	90.2	1.00	28.02	C, US
	1800	286UC	LM21851	√	5490	CCF4P20UC64	531	460	24.1	93.0	1.00	28.02	C, US
	1200	326UC	LM21857	C/A	7909	CCF6P20UC64	757	460	25.5	92.4	1.00	34.00	C, US
25	3600	324USC	LM21893	C/A	5410	CCF2P25USC64	755	460	28.1	93.6	1.00	27.22	C, US
	1800	324UC	LM21853	C/A	6961	CCF4P25UC64	755	460	——	94.1	1.00	——	C, US
30	3600	326USC	LM21880	C/A	6448	CCF2P30USC64	755	460	35.0	91.0	1.00	28.72	C, US
	1800	326UC	LM21856	C/A	8071	CCF4P30UC64	755	460	——	94.1	1.00	——	C, US
40	3600	364USC	LM21883	C/A	8526	CCF2P40USC64	917	460	45.0	93.6	1.00	29.38	C, US
	1800	364UC	LM21859	C/A	10749	CCF4P40UC64	986	460	46.5	94.1	1.00	32.00	C, US
50	3600	365USC	LM21886	C/A	10607	CCF2P50USC64	989	460	——	94.1	1.00	——	C, US
	1800	365UC	LM21862	C/A	12511	CCF4P50UC64	1072	460	57.0	94.5	1.00	33.00	C, US
60	3600	405USC	LM21890	C/A	12615	CCF2P60USC64	1143	460	65.5	94.1	1.00	34.12	C, US
	1800	405UC	LM21866	C/A	15502	CCF4P60UC64	1123	460	67.5	95.0	1.00	37.00	C, US
75	3600	444USC	LM21877	C/A	16529	CCF2P75USC64	1708	460	82.0	94.1	1.00	37.00	C, US
	1800	444UC	LM21869	C/A	19121	CCF4P75UC64	1810	460	85.0	95.0	1.00	41.38	C, US
100	3600	445USC	LM21896	C/A	21567	CCF2P100USC64	1708	460	——	95.4	1.00	——	C, US
	1800	445UC	LM21872	C/A	23560	CCF4P100UC64	1810	460	——	95.4	1.00	——	C, US

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Pump Motors

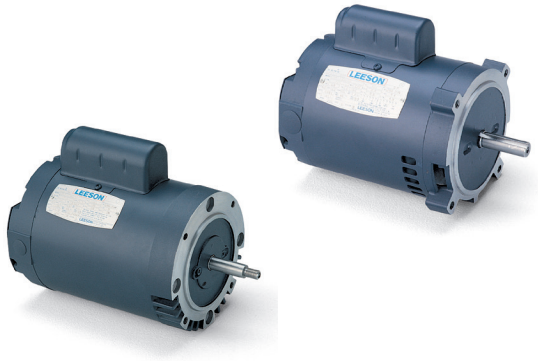
- Jet pump, JM & JP pump, carbonator pump and fire pump motors
- Washdown duty pump motors available
- Explosion proof jet pump motors available
- Three phase and single phase models
- Premium efficient JM & JP pump motors available
- 1.15 service factor or better
- Jet pump motors have quick connect terminal boards
- Drip-proof and totally enclosed designs
- Drip-cover kits available on drip-proof designs
- Threaded jet pump motors have stainless steel shafts
- Jet pump single phase motors have automatic overload protection
- 1-year warranty on standard motors, 2-year warranty on “G” models and 3-year warranty on premium efficiency models
- UL recognized and CSA certified

Applications:

Designed for various applications that you may find in the pumping industry where direct coupled motor to pump is required.

General Specifications:

- NEMA 56 C face mounting flange
- Keyed shafts made of carbon steel
- Threaded shafts made of 416 grade stainless steel
- Dual rotation - Key shaft motors only
- Quiet flow-through ventilation system
- Double sealed bearings on shaft end
- Terminal board with quick connects
- Locked shaft-end bearings
- Automatic overload protection
- UL recognized and CSA certified



Keyed Shaft - Drip-Proof - Single Phase - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	S56C	100204.00	√	346	A4C34DC4	19	115/208-230	Auto.	3.4	1.60	9.49	S, MX, 30
3/4	3600	S56C	100205.00	√	456	A4C34DC5	21	115/208-230	Auto.	5.1	1.50	9.99	S, MX, 30
1	3600	S56C	100722.00	√	492	A4C34DC21	24	115/208-230	Auto.	5.7	1.40	10.49	S, MX, 30
1 1/2	3600	56C	110288.00	√	646	U6C34DC18	31	115/208-230	Auto.	9.0	1.30	11.34	S, US, 30
2	3600	56C	110289.00	√	833	U6C34DC19	37	115/208-230	Auto.	10.5	1.25	12.34	S, US, 30
3	3600	56C	117715.00	√	851	U6K34DC19	49	230	Auto.	12.8	1.15	13.55	S, US, 30, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

Threaded Shaft - Drip-Proof - Single Phase - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	S56J	100207.00	√	333	A4C34DC7	19	115/208-230	Auto.	3.4	1.60	10.00	S, MX, 30
3/4	3600	S56J	100208.00	√	433	A4C34DC8	21	115/208-230	Auto.	5.1	1.50	10.50	S, MX, 30
1	3600	S56J	100723.00	√	455	A4C34DC22	23	115/208-230	Auto.	5.7	1.40	11.00	S, MX, 30
1 1/2	3600	56J	110292.00	D	632	U6C34DC21	31	115/208-230	Auto.	9.0	1.30	11.34	S, US, 30
	3600	56J	119090.00	√	531	119090.00	25	115/230	Auto.	9.2	1.30	11.89	S, MX, 30
2	3600	56J	110293.00	D	779	U6C34DC22	37	115/208-230	Auto.	10.5	1.25	12.34	S, US, 30
	3600	56J	119091.00	√	717	119091.00	38	115/230	Auto.	10.6	1.20	13.73	S, MX, 30
3	3600	56J	117716.00	D	804	U6K34DC20	51	230	Auto.	12.8	1.15	14.15	S, US, 30, 53
	3600	56J	119092.00	√	733	119092.00	38	115/230	Auto.	14.7	1.15	13.17	S, MX, 30, 53

D - Item to be deleted once inventory is depleted

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Pump Motors

Jet Pump Motors - Single Phase

Threaded Shaft - Totally Enclosed - Single Phase • C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	56J	113955.00	√	391	A6C34FC44	22	115/208-230	Auto.	3.8	1.60	11.31	S, US, 30
3/4	3600	56J	113956.00	√	465	A6C34FC45	26	115/208-230	Auto.	5.0	1.50	11.81	S, US, 30
1	3600	56J	113639.00	√	567	A6C34FC41	30	115/208-230	Auto.	6.0	1.25	12.31	S, US, 30
1 1/2	3600	56J	113640.00	√	674	A6C34FC42	34	115/208-230	Auto.	8.5	1.00	12.81	S, US, 30
2	3600	56J	113641.00	√	797	U6C34FC34	41	115/208-230	Auto.	10.0	1.00	13.81	S, US, 30

Specifications are subject to change without notice

♥ Note listing on inside back flap

Threaded Shaft - Totally Enclosed - Single Phase - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	56J	113637.00	√	450	A6C34FK49	23	115/208-230	Auto.	3.8	1.60	11.31	S, US, 30
3/4	3600	56J	113638.00	√	480	A6C34FK50	26	115/208-230	Auto.	5.0	1.50	11.81	S, US, 30
1	3600	56J	113957.00	√	581	A6C34FK53	28	115/208-230	Auto.	6.0	1.25	12.31	S, US, 30
1 1/2	3600	56J	113958.00	√	691	A6C34FK54	34	115/208-230	Auto.	8.5	1.00	12.81	S, US, 30
2	3600	56J	113959.00	√	814	U6C34FK55	43	115/208-230	Auto.	10.0	1.00	13.81	S, US, 30

Specifications are subject to change without notice

♥ Note listing on inside back flap

Threaded Shaft - Explosion Proof - Totally Enclosed - Single Phase - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	56J	116188.00	√	799	A6C34XC31	35	115/208-230	Auto.	3.8	1.00	13.96	S, US
3/4	3600	56J	116186.00	√	900	A6C34XC32	40	115/208-230	Auto.	5.0	1.00	14.46	S, US
1	3600	56J	116185.00	√	965	A6C34XC33	49	115/208-230	Auto.	6.0	1.00	14.96	S, US
11/2	3600	56J	116183.00	√	1,237	A6C34XC34	52	115/208-230	Auto.	8.5	1.00	15.46	S, US
2	3600	56J	116181.00	√	1,346	A6C34XC35	54	115/208-230	Auto.	10.5	1.00	16.46	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Drip-Cover Kits

Each kit includes one drip-cover, designed to protect motors from rain, snow and ice when mounted outdoors in a vertical position.

Drip Cover Kits For Jet Pump Motors

Frame	Catalog Number	App. Wgt. (lbs)	List Price	♥Notes
48-S56	175003.00	2	55	
48-S56	175298.00	2	55	P
56 / 143T-145T	175004.00	2	64	

Note P - For motors having a "P" suffix on date code

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

General Specifications:

- NEMA 56 C face mounting flange
- Threaded shafts made of 303 grade stainless steel
- CCW rotation facing lead end
- Quiet flow-through ventilation system
- Double sealed bearings on shaft end
- Terminal board with quick connects
- Locked shaft end bearings
- Automatic overload protection on explosion proof Jet Pump motors
- UL recognized and CSA certified

Threaded Shaft - Drip-Proof - Three Phase - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	3600	S56J	102197.00	√	347	C4T34DC25	15	208-230/460	1.4	68.0	1.35	9.50	S, US
	1800	S56J	103723.00	√	378	C4T17DC50	16	208-230/460	1.8	64.3	1.35	10.00	S, MX
1/2	3600	S56J	102198.00	√	365	C4T34DC26	17	208-230/460	1.8	69.0	1.25	9.75	S, US
	1800	S56J	103724.00	√	410	C4T17DC51	18	208-230/460	2.0	68.0	1.25	10.00	S, MX
3/4	3600	S56J	101637.00	√	440	C4T34DC20	18	208-230/460	2.4	79.0	1.15	10.00	S, US
	1800	S56J	103725.00	√	484	C4T17DC52	19	208-230/460	2.8	75.0	1.25	10.50	S, MX
1	3600	S56J	101638.00	√	488	C4T34DC21	25	208-230/460	3.0	78.0	1.15	11.25	S, US
	1800	56J	117872.00	√	516	C6T17DC89	26	208-230/460	4.2	78.5	1.15	10.87	S, US
1 1/2	3600	56J	113891.00	√	583	C6T34DC64	28	208-230/460	4.2	81.5	1.15	11.34	S, US
	1800	56J	117873.00	√	609	C6T17DC87	29	208-230/460	5.6	78.5	1.15	11.87	S, US
2	3600	56J	113892.00	√	693	C6T34DC65	33	208-230/460	5.6	82.5	1.15	11.84	S, US
	1800	56J	117874.00	√	696	C6T17DC88	34	208-230/460	6.2	78.5	1.15	11.87	S, US
3	3600	56J	113893.00	√	819	C6T34DC66	36	208-230/460	7.6	84.0	1.15	12.34	S, US
5	3600	56J	116698.00	√	898	C6T34DC92	45	208-230/460	12.4	85.5	1.15	13.88	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Threaded Shaft - Drip-Proof - Three Phase - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	S56J	102199.00	√	382	C4T34DK8	17	208-230/460	1.8	69.0	1.25	9.75	S, US
	1800	S56J	103726.00	√	423	C4T17DK12	18	208-230/460	2.4	68.0	1.25	10.50	S, MX
3/4	3600	S56J	101776.00	√	440	C4T34DK5	18	208-230/460	2.4	79.0	1.15	10.00	S, US
	1800	S56J	103727.00	√	499	C4T17DK13	19	208-230/460	2.8	75.0	1.25	10.50	S, MX
1	3600	S56J	101775.00	√	491	C4T34DK6	26	208-230/460	3.0	78.0	1.15	11.25	S, US
	1800	56J	117875.00	√	529	C6T17DK34	28	208-230/460	4.2	78.5	1.15	10.87	S, US
1 1/2	3600	56J	114203.00	√	598	C6T34DK5	33	208-230/460	4.2	81.5	1.15	11.34	S, US
	1800	56J	117876.00	√	630	C6T17DK35	34	208-230/460	5.6	78.5	1.15	11.87	S, US
2	3600	56J	114202.00	√	713	C6T34DK6	35	208-230/460	5.6	82.5	1.15	11.84	S, US
3	3600	56HJ	114201.00	√	840	C6T34DK7	35	208-230/460	8.0	84.0	1.15	11.84	S, US
5	3600	56HJ	116699.00	√	922	C6T34DK18	47	208-230/460	12.4	85.5	1.15	13.88	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Pump Motors

Jet Pump Motors - Three Phase

Threaded Shaft - Totally Enclosed - Three Phase - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	56J	114931.00	√	413	C6T34FC49	21	208-230/460	2.0	67.0	1.15	10.81	S, US
3/4	3600	56J	114208.00	√	456	C6T34FC37	22	208-230/460	2.4	75.5	1.15	11.31	S, US
1	3600	56J	114207.00	√	542	C6T34FC38	25	208-230/460	3.2	77.0	1.15	11.31	S, US
1 1/2	3600	56J	114206.00	√	564	C6T34FC39	31	208-230/460	4.2	81.5	1.15	12.31	S, US
2	3600	56J	114205.00	√	714	C6T34FC40	40	208-230/460	5.6	82.5	1.15	12.81	S, US
3	3600	56J	114204.00	√	772	C6T34FC41	52	208-230/460	7.6	84.0	1.15	13.31	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Threaded Shaft - Totally Enclosed - Three Phase - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3600	56J	113028.00	√	547	C6T34FK34	23	208-230/460	2.4	75.5	1.15	11.31	S, US
1	3600	56J	113029.00	√	559	C6T34FK35	24	208-230/460	3.2	77.0	1.15	11.31	S, US
1 1/2	3600	56J	113030.00	√	576	C6T34FK36	31	208-230/460	4.2	81.5	1.15	12.31	S, US
2	3600	56J	113031.00	√	722	C6T34FK37	36	208-230/460	5.6	82.5	1.15	12.81	S, US
3	3600	56HJ	113032.00	√	788	C6T34FK38	39	208-230/460	7.6	84.0	1.15	13.31	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Threaded Shaft - Explosion Proof - TEFC/TENV Three Phase - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	56J	116187.00	√	987	A6T34EC28	33	208-230/460	1.6	82.5	1.00	12.87	S, US, 12, 47
1	3600	56J	116184.00	√	1,062	A6T34XC31	33	208-230/460	3.6	77.0	1.00	13.46	S, US, 13
1 1/2	3600	56J	116182.00	√	1,089	A6T34XC30	48	208-230/460	4.6	81.5	1.00	14.46	S, US, 13
2	3600	56J	116180.00	√	1,138	A6T34XC29	50	208-230/460	6.0	82.5	1.00	14.96	S, US, 13

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Washdown duty three phase jet pump motors for industrial service. These motors include all of the features of LEESON's White Duck Washguard® motors with the addition of a 56J threaded shaft for use on jet pumps. For demanding pump applications in wet, humid, or washdown environments.

Washguard® - Jet Pump - Threaded Shaft
Three Phase - TEFC - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3600	56J	116774.00	√	714	C6T34WC14	23	208-230/460	2.4	75.5	1.15	10.81	S, US
1	3600	56J	116775.00	√	830	C6T34WC15	35	208-230/460	3.2	77.0	1.15	10.81	S, US
1 1/2	3600	56J	116776.00	√	883	C6T34WC13	42	208-230/460	4.2	81.5	1.15	11.81	S, US
2	3600	56J	116777.00	√	1,010	C6T34WC11	47	208-230/460	5.6	82.5	1.15	12.31	S, US
3	3600	56J	116778.00	√	1,059	C6T34WC10	49	208-230/460	7.6	84.0	1.15	13.25	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Washguard® - Jet Pump - Threaded Shaft
Three Phase - TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3600	56J	116779.00	√	733	C6T34WK12	24	208-230/460	2.4	75.5	1.15	10.81	S, US
1	3600	56J	116780.00	√	851	C6T34WK13	36	208-230/460	3.2	77.0	1.15	10.81	S, US
1 1/2	3600	56J	116781.00	√	923	C6T34WK11	43	208-230/460	4.2	81.5	1.15	11.81	S, US
2	3600	56J	116782.00	√	1,026	C6T34WK10	48	208-230/460	5.6	82.5	1.15	12.31	S, US
3	3600	56J	116783.00	√	1,093	C6T34WK9	50	208-230/460	7.6	84.0	1.15	13.25	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Pump Motors

ecoSaver

NEW

Features:

- 303 stainless shaft
- Capacitor run low speed, PSC high speed
- Meets California Energy Commission Appliance Regulations 2008
- Integrated timer interface
- Timer mode or manual mode
- Over current protection
- Battery backup - program saver
- LCD display with backlight
- Class B insulation
- High efficiency - high and low speed
- Rotation - CCW pump end

Jet Pump - 2-speed - With Timer

Single Phase - Drip Proof - C Face Less Base

Available June 2015

HP	RPM	Frame	Catalog Number	List Price	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps	"C" Dim. (Inches)	♥Notes
3/4 - .10	3600/1800	56J	117913.00		26	115	Auto	2.9	12.30	S, MX
1 - .12	3600/1800	56J	117914.00		30	230	Auto	4.2	13.05	S, MX
2 - .25	3600/1800	56J	117915.00		42	230	Auto	4.2	13.55	S, MX
3 - .38	3600/1800	56J	117916.00		45	230	Auto	5.4	14.29	S, MX

Contact Sales Office for List Price information
Specifications are subject to change without notice

♥ Note listing on inside back flap

Carbonator Pump Motors

Application information:

Used in liquid transfer pumps that you may see in vending machines ideal for compact pump to motor mount applications.

Features:

- Interchangeable with OEM units
- Automatic overload protection
- Ball bearing designs

Single Phase - Drip-Proof - Rigid or Resilient Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	48Y	103520.00	√	204	A4S17DR62	14	208-240	2.3-2.4	1.0	7.69	S, MX, 63
	1800	48Y	103530.00	√	215	A4S17DR63	16	115/230	4.3-2.2	1.0	8.75	S, MX, 63
1/3	1800	48Y	103521.00	√	218	A4S17DR64	14	100-120/200-240	5.5-5.6/2.7-2.8	1.0	7.69	S, MX, 60
	1800	48Y	103531.00	√	224	A4S17DR65	14	100-120/200-240	5.5-5.6/2.7-2.8	1.0	7.69	S, MX, 63
1/2	1800	48Y	103522.00	√	244	A4S17DR66	17	100-120/200-240	7.1-7.2/3.4-3.6	1.0	8.75	S, MX, 63
3/4	1800	48Y	103523.00	√	293	A4S17DR67	19	115/230	10.4/5.2	1.0	9.15	S, MX, 63

Note 60 - Rigid Base

Note 63 - Resilient Base

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

LEESON

JP Pump Motors - Single & Three Phase

General Specifications:

For use with close-coupled pumps having NEMA JP mounting and shaft dimensions. In such applications, the pump impeller is mounted directly on the motor shaft.

For use where the environment is relatively clean and dry. For outdoor use, an enclosure or drip cover may be preferred.

Features:

- Open drip-proof construction with rigid base mounting.
- Locked bearing on shaft end limits axial shaft movement
- Drip cover kits available
- UL recognized and CSA certified
- Single phase designs are capacitor start, induction run
- All 180 and 210 frame rolled steel motors have class F insulation

Single Phase - Drip-Proof - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
5	3600	184JP	131881.00	√	1,438	C184K34DK6	95	230	22.0	1.15	19.38	S, MX
7½	3600	213JP	140646.00	√	1,708	C213K34DK1	121	230	37.0	1.15	14.17	S, MX, 37
10	3600	215JP	140647.00	√	2,303	C215K34DK1	138	230	47.0	1.15	15.67	S, MX, 37

Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase - Drip-Proof -C Face With Base & C Face Less Base thru 3 HP

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1	1800	143JP	122093.00	√	556	C143T17DK9	41	208-230/460	3.2	85.5	1.15	18.48	S, US, 39
	1800	143JPV	122094.00	√	556	C143T17DC20	41	208-230/460	3.2	85.5	1.15	18.48	S, US, 39
1 1/2	3600	143JP	122095.00	√	678	C143T34DK6	40	208-230/460	4.0	84.0	1.15	17.68	S, US, 39
	3600	143JPV	122096.00	√	678	C143T34DC8	40	208-230/460	4.0	84.0	1.15	17.68	S, US, 39
	1800	145JP	G121846.00	√	579	C145T17DK16	38	208-230/460	4.4	84.0	1.15	17.68	S, US, 39
	1800	145JP	122097.00	√	665	C145T17DK25	44	208-230/460	4.8	86.5	1.15	18.18	S, US, 39
	1800	145JPV	122098.00	√	665	C145T17DC45	44	208-230/460	4.8	86.5	1.15	18.18	S, US, 39
2	3600	145JPV	122099.00	√	693	C145T34DC15	43	208-230/460	4.8	85.5	1.15	16.18	S, US, 39
	1800	145JP	G121847.00	√	604	C145T17DK17	46	208-230/460	5.8	84.0	1.15	18.48	S, US, 39
	1800	145JP	122100.00	√	681	C145T17DK26	45	208-230/460	5.8	86.5	1.15	18.68	S, US, 39
	1800	145JPV	122101.00	√	681	C145T17DC46	45	208-230/460	5.8	86.5	1.15	18.68	S, US, 39
3	3600	145JP	G121849.00	√	760	C145T34DK12	46	208-230/460	8.4	84.0	1.15	16.68	S, US, 39
	3600	145JP	122102.00	√	865	C145T34DK18	47	208-230/460	7.2	86.5	1.15	13.62	S, US, 39
	3600	145JPV	122103.00	√	865	C145T34DC16	47	208-230/460	7.2	86.5	1.15	13.62	S, US, 39
	1800	182JP	G131882.00	√	790	C182T17DK20	58	208-230/460	9.2	86.5	1.15	19.91	S, MX, 14, 45
	1800	182JP	199770.00	√	908	C182T17DK44	123	208-230/460	8.4	89.5	1.15	15.35	S, CN
5	3600	182JP	G131884.00	√	912	C182T34DK13	65	208-230/460	12.0	85.5	1.15	19.65	S, MX, 45
	3600	182JP	199097.00	√	1,047	C182T34DK19	131	208-230/460	11.8	86.5	1.15	15.35	S, CN
	1800	184JP	G131883.00	√	907	C184T17DK29	70	208-230/460	13.2	87.5	1.15	20.41	S, MX, 45
	1800	184JP	199772.00	√	1,022	C184T17DK44	166	208-230/460	18.6	91.0	1.15	17.68	S, CN

Shaded items are less base and have drip covers

Green items are Premium Efficient

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Pump Motors

JP Pump Motors - Single & Three Phase

Three Phase - Drip-Proof -C Face With Base & C Face Less Base thru 3 HP

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
7 1/2	3600	184JP	G131885.00	√	1,092	C184T34DK19	80	208-230/460	17.6	87.5	1.15	20.41	S, MX, 45
	3600	184JP	199773.00	√	1,309	C184T34DK28	149	208-230/460	17.2	88.5	1.15	16.34	S, CN
	1800	213JP	G140667.00	√	1,491	C213T17DK14	146	208-230/460	19.2	88.5	1.15	23.03	S, MX, 41
	1800	213JP	199783.00	√	1,670	C213T17DK47	166	230/460	18.6	91.0	1.15	17.68	S, CN
10	3600	213JP	G140655.00	√	1,404	C213T34DK2	140	208-230/460	23.4	88.5	1.15	23.03	S, MX, 37
	3600	213JP	199784.00	√	1,572	C213T34DK49	156	208-230/460	23.0	89.5	1.15	17.68	S, CN
	1800	215JP	G140668.00	√	1,704	C215T17DK12	134	208-230/460	25.0	89.5	1.15	25.00	S, MX, 41
	1800	215JP	199785.00	√	1,906	C215T17DK47		230/460	229.0	91.7	1.15	19.17	S, CN
15	3600	215JP	G140656.00	√	1,737	C215T34DK2	147	208-230/460	34.0	89.5	1.15	34.00	S, MX, 37
	3600	215JP	199786.00	√	1,962	C215T34DK48	191	208-230/460	34.0	90.2	1.15	19.17	S, CN
	1800	254JP	G801051.00	√	2,106	254TTDX14067	170	208-230/460	38.5	91.0	1.15	38.50	S, US
	1800	254JP	199987.00	√	3,519	C254T17DK13	322	208-230/460	36.5	93.0	1.15	24.41	CN
20	3600	254JP	G801056.00	√	2,189	254TTDX14305	175	208-230/460	46.0	90.2	1.15	25.29	S, US
	3600	254JP	199988.00	√	3,040	C254T34DK10	312	208-230/460	46.0	91.0	1.15	24.41	CN
	1800	256JP	G801052.00	√	2,545	256TTDX14054	222	208-230/460	52.0	91.0	1.15	27.04	S, US
	1800	256JP	199989.00	√	3,655	C256T17DK9	374	208-230/460	49.0	93.0	1.15	26.00	CN
25	3600	256JP	G801057.00	√	2,578	256TTDX14019	181	208-230/460	58.0	91.0	1.15	27.04	S, US
	3600	256JP	199990.00	√	3,246	C256T34DK9	328	208-230/460	57.0	91.7	1.15	26.00	CN
	1800	284JP	G801053.00	√	3,422	284TTDP14048	332	230/460	61.0	91.7	1.15	27.18	C, US
	1800	284JP	199991.00	√	4,235	C284T17DK7	441	208-230/460	62.0	93.6	1.15	26.58	C, CN
30	3600	284JP	G801058.00	√	3,434	284TTDP14012	336	230/460	73.0	91.0	1.15	27.18	C, US
	3600	284JP	199992.00	√	3,953	C284T34DK5	412	208-230/460	68.0	91.7	1.15	26.58	C, CN
	1800	286JP	G801054.00	√	3,551	286TTDP14052	342	230/460	72.0	92.4	1.15	28.68	C, US
	1800	286JP	199993.00	√	4,746	C286T17DK8	502	208-230/460	74.0	94.1	1.15	27.10	C, CN
40	3600	286JP	G801059.00	√	3,786	286TTDP14012	385	230/460	94.0	91.7	1.15	28.68	C, US
	3600	286JP	199994.00	√	4,284	C286T34DK5	470	208-230/460	60.0	92.4	1.15	27.10	C, CN
	1800	324JP	G801055.00	√	3,821	324TTDP14052	487	230/460	97.0	93.0	1.15	29.12	C, US
	1800	324JP	199995.00	√	5,512	C324T17DK13	604	208-230/460	95.0	94.1	1.15	28.95	C, CN
50	3600	324JP	G801060.00	√	5,028	324TTDP14014	472	230/460	117.0	92.4	1.15	29.12	C, US
	3600	324JP	199996.00	√	5,203	C324T34DK5	570	208-230/460	113.0	93.0	1.15	28.95	C, CN
	1800	326JP	199997.00	√	5,799	C326T17DK7	738	208-230/460	118.0	94.5	1.15	30.12	C, CN

Green items are Premium Efficient

♥ Note listing on inside back flap

Specifications are subject to change without notice

Drip-Cover Kits For JP Pump Motors – See ♥ Note listing

Frame	Catalog Number	List Price	Enclosure	♥Notes
56-145JP	175932.00	35	ODP or TEFC	39
182JP-184JP	175933.00	39	ODP	40
213JP-215JP	175305.00	113	ODP	37
213JP-215JP	175846.00	113	ODP	41
182JP-184JP	175614.00	80	ODP	45

View On-line Technical Information

General Specifications:
Designed for continuous duty service on close-coupled pumps using NEMA JM mounting provisions. All motors have a rigid mounting base and NEMA JM pump shaft.

Features:
- Cooling air exhausts at shaft end for maximum cooling
- Locked bearing shaft end
- Drip-cover kits available

Electrical Features:
- High efficiency copper windings
- UL and CSA recognized designs
- Single phase designs are capacitor start/induction run unless indicated otherwise
- Class F Insulation

Single Phase - Drip-Proof - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1	1800	143JM	120996.00	√	851	C143C17DK1	42	115/208-230	6.4	1.15	13.91	S, US, 38
1 1/2	1800	145JM	120994.00	√	858	C145K17DK8	45	115/208-230	8.6	1.15	14.91	S, US, 38, 53
2	3600	145JM	121190.00	√	878	C145C34DK3	47	115/208-230	10.5	1.15	14.91	S, US, 38
	1800	145JM	120995.00	√	860	C145K17DK9	45	115/208-230	10.5	1.15	15.41	S, US, 38, 53
	1800	182JM	132073.00	√	898	C182C17DK3	70	115/208-230	12.4	1.15	13.19	S, MX, 40
3	3600	182JM	131640.00	√	1,039	C182K34DK1	80	115/208-230	15.2	1.15	16.32	S, MX, 45, 53
	1800	182JM	131604.00	√	1,194	C182C17DK2	73	230	16.8	1.15	15.82	S, MX, 45
5	3600	184JM	131641.00	√	1,477	C184K34DK3	95	115/208-230	24.0	1.15	17.32	S, MX, 40, 53
	1800	184JM	131605.00	√	1,697	C184K17DK14	82	230	21.0	1.15	16.32	S, MX, 40, 53
7 1/2	3600	213JM	140642.00	√	2,100	C213K34DK2	109	230	37.0	1.15	14.17	S, MX, 37, 53
	1800	215JM	140665.00	√	2,237	C215K17DK1	141	230	40.5	1.15	18.38	S, MX, 37, 53
10	3600	215JM	140644.00	√	2,365	C215K34DK2	135	230	47.0	1.15	18.38	S, MX, 37, 53
	1800	215JM	140666.00	√	2,768	C215K17DK2	144	230	43.0	1.15	19.88	S, MX, 37, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Pump Motors

JM Pump Motors - Three Phase

Three Phase - Drip-Proof - C Face With Base & C Face Less Base thru 3 HP

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1	1800	143JM	G121850.00	√	591	C143T17DK3	44	208-230/460	3.1	82.5	1.15	14.62	S, US, 39
	1800	143JM	122115.00	√	697	C143T17DK8	41	208-230/460	3.2	85.5	1.15	14.62	S, US, 39
1 1/2	3600	143JM	122074.00	√	767	C143T34DK4	40	208-230/460	4.0	84.0	1.15	13.12	S, US, 39
	3600	143JMV	122075.00	√	767	C143T34DC6	44	208-230/460	5.6	86.5	1.15	14.62	S, US
	1800	145JM	G121851.00	√	640	C145T17DK18	44	208-230/460	4.8	84.0	1.15	14.62	S, US, 39
	1800	143JM	122076.00	√	750	C143T17DK7	44	208-230/460	5.6	86.5	1.15	14.62	S, US, 39
	1800	143JMV	122077.00	√	750	C143T17DC18	44	208-230/460	4.8	86.5	1.15	14.62	S, US
2	3600	145JM	G121853.00	√	739	C145T34DK13	44	208-230/460	5.4	84.0	1.15	13.42	S, US, 39
	3600	145JM	122078.00	√	873	C143T34DK5	43	208-230/460	4.8	85.5	1.15	13.12	S, US, 39
	3600	145JMV	122079.00	√	873	C143T34DC7	43	208-230/460	4.8	85.5	1.15	13.12	S, US
	1800	145JM	G121852.00	√	664	C145T17DK19	48	208-230/460	5.8	84.0	1.15	15.12	S, US, 39
	1800	145JMV	122080.00	√	845	C143T17DC19	45	208-230/460	5.8	86.5	1.15	15.12	S, US
3	3600	145JM	G121854.00	√	820	C145T34DK14	45	208-230/460	8.4	84.0	1.15	13.62	S, US, 39
	3600	145JM	122081.00	√	966	C145T34DK17	47	208-230/460	7.2	86.5	1.15	13.62	S, US, 39
	3600	145JMV	122082.00	√	966	C145T34DC14	47	208-230/460	7.2	86.5	1.15	13.62	S, US
	1800	182JM	G131562.00	√	877	C182T17DK19	64	208-230/460	9.2	86.5	1.15	16.09	S, MX, 45
	1800	182JM	199589.00	√	1,029	C182T17DK43	123	208-230/460	7.8	89.5	1.15	15.35	S,CN
5	3600	182JM	G131574.00	√	1,079	C182T34DK12	66	208-230/460	12.0	85.5	1.15	16.35	S, MX, 45
	3600	182JM	199763.00	√	1,230	C182T34DK20	131	208-230/460	11.8	86.5	1.15	15.35	S,CN
	1800	184JM	G131563.00	√	1,011	C184T17DK28	71	208-230/460	13.2	87.5	1.15	17.09	S, MX, 45
	1800	184JM	199590.00	√	1,162	C184T17DK43	135	208-230/460	12.4	89.5	1.15	16.34	S,CN
7 1/2	3600	184JM	G131576.00	√	1,185	C184T34DK18	108	208-230/460	17.6	87.5	1.15	17.09	S, MX, 45
	3600	184JM	199765.00	√	1,327	C184T34DK27	149	208-230/460	17.2	88.5	1.15	16.34	S,CN
	1800	213JM	G140618.00	√	1,261	C213T17DK13	147	208-230/460	19.2	88.5	1.15	19.16	S, MX, 41
	1800	213JM	199775.00	√	1,521	C213T17DK46	166	230/460	18.6	91.0	1.15	17.68	S,CN
10	3600	213JM	G141121.00	√	1,401	C213T34DK5	130	208-230/460	23.4	88.5	1.15	19.16	S, MX, 37
	3600	213JM	199090.00	√	1,700	C213T34DK48	156	208-230/460	23.0	89.5	1.15	17.68	S,CN
	1800	215JM	G140619.00	√	1,442	C215T17DK11	135	208-230/460	25.0	89.5	1.15	19.16	S, MX, 41
	1800	215JM	199777.00	√	1,717	C215T17DK46	229	230/460	24.4	91.7	1.15	19.17	S,CN
15	3600	215JM	G151380.60	√	2,009	C215T34DK9	175	208-230/460	34.0	89.5	1.15	20.41	C, CN, 43
	3600	215JM	199091.00	√	2,249	C215T34DK47	191	208-230/460	34.0	90.2	1.15	19.17	S,CN
	1800	254JM	G151361.60	√	2,167	C254T17DK7	268	208-230/460	38.5	91.0	1.15	25.45	C, CN, 44
	1800	254JM	199964.00	√	2,470	C254T17DK12	322	208-230/460	38.0	93.0	1.15	24.41	C, CN
20	3600	254JM	G151381.60	√	2,184	C254T34DK5	261	208-230/460	46.0	90.2	1.15	22.42	C, CN, 44
	3600	254JM	199965.00	√	3,040	C254T34DK9	312	208-230/460	46.0	91.0	1.15	24.41	C, CN
	1800	256JM	G151362.60	√	2,282	C256T17DK5	310	208-230/460	52.0	91.0	1.15	24.17	C, CN, 44
	1800	256JM	199966.00	√	3,661	C256T17DK8	374	208-230/460	46.0	91.0	1.15	24.41	C, CN
25	3600	256JM	G151382.60	√	2,732	C256T34DK5	295	208-230/460	58.0	91.0	1.15	24.17	C, CN, 44
	3600	256JM	199967.00	√	3,692	C256T34DK8	328	208-230/460	57.0	91.7	1.15	26.00	C, CN
	1800	284JM	G801028.00	√	3,386	284TTDP14049	391	230/460	66.0	91.7	1.15	24.31	C, US
	1800	284JM	199968.00	√	4,234	C284T17DK6	441	208-230/460	62.0	93.6	1.15	26.58	C, CN

Shaded items are less base and have drip covers
Green items are Premium Efficient
Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase - Drip-Proof -C Face With Base & C Face Less Base thru 3 HP

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
30	3600	284JM	G801040.00	√	3,425	284TTDP14013	376	230/460	73.0	91.0	1.15	24.31	C, US
	3600	284JM	199969.00	√	4,280	C284T34DK4	412	208-230/460	68.0	91.7	1.15	26.58	C, CN
	1800	286JM	G801029.00	√	3,551	286TTDP14053	437	230/460	72.0	92.4	1.15	25.81	C, US
	1800	286JM	199970.00	√	4,745	C286T17DK7	502	208-230/460	74.0	94.1	1.15	27.10	C, CN
40	3600	286JM	G801041.00	√	3,931	286TTDP14011	429	230/460	94.0	91.7	1.15	25.81	C, US
	3600	286JM	199971.00	√	4,807	C286T34DK4	470	208-230/460	90.0	92.4	1.15	27.10	C, CN
	1800	324JM	G801030.00	√	4,639	324TTDP14055	531	230/460	97.0	93.0	1.15	26.25	C, US
	1800	324JM	199972.00	√	5,512	C324T17DK12	604	208-230/460	95.0	94.1	1.15	28.95	C, CN
50	3600	324JM	G801042.00	√	5,343	324TTDP14013	514	230/460	117.0	92.4	1.15	26.25	C, US
	3600	324JM	199973.00	√	5,771	C324T34DK4	570	208-230/460	113.0	93.0	1.15	28.95	C, CN
	1800	326JM	199974.00	√	5,878	C326T17DK6	738	208-230/460	118.0	94.5	1.15	30.12	C, CN

Green items are Premium Efficient
Specifications are subject to change without notice

♥ Note listing on inside back flap

Drip-Cover Kits For JM Pump Motors – See ♥ Note listing

Frame	Catalog Number	List Price	Enclosure	♥Notes
143-145JM	175004.00	64	ODP	38
143-145JM	175932.00	35	ODP	39
182-184JM	175933.00	39	ODP	40
213-215JM	175305.00	113	ODP	37
213-215JM	175846.00	113	ODP	41
213-215JM ‡	175962.00	113	ODP	43
254-256JM ‡	175963.00	144	ODP	44
182-184JM	175614.00	80	ODP	45

‡ For use with Cast Iron Motors

View On-line Technical Information

Pump Motors

JM Pump Motors - TEFC - Three Phase

General Specifications:

Designed for continuous duty service on close-coupled pumps using NEMA JM mounting provisions. All motors have a rigid mounting base and NEMA JM pump shaft and face mount.

Features:

- Totally enclosed fan cooled construction for maximum life in dirty or severe environments. Oversized locked bearing on shaft end limits axial shaft movement. Drip covers are available as accessory kits for 143-5JM and 182-4JM motors—see letter designations in the table for the correct kit. Some 182-4JM frame motors have enclosed endshields as standard with frame vents meeting the 12° drip-proof requirement. No drip cover is needed, or shown in the table, for these motors
- Oversized locked bearing on shaft end limits axial shaft movement
- Drip cover kits available
- High efficiency copper windings
- UL and CSA recognized designs

Three Phase - TEFC - C Face With Base & C Face Less Base thru 2 HP

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1	1800	143JM	G121855.00	√	657	C143T17FK19	35	208-230/460	3.0	82.5	1.15	15.00	S, MX
	1800	143JM	122083.00	√	775	C143T17FK27	59	208-230/460	3.3	85.5	1.15	16.79	S, US
	1800	143JMV	122084.00	√	775	C143T17FC39	57	208-230/460	3.3	85.5	1.15	16.00	S, US
1 1/2	3600	143JM	G121858.00	√	662	C143T34FK14	37	208-230/460	4.0	82.5	1.15	15.50	S, US
	3600	143JM	122085.00	√	799	C143T34FK17	63	208-230/460	4.0	84.0	1.15	15.50	S, US
	3600	143JMV	122086.00	√	799	C143T34FC20	61	208-230/460	4.0	84.0	1.15	16.29	S, US
	1800	145JM	G121856.00	√	718	C145T17FK53	46	208-230/460	4.4	84.0	1.15	16.50	S, US
	1800	145JM	122087.00	√	846	C145T17FK71	68	208-230/460	4.6	86.5	1.15	16.50	S, US
	1800	145JMV	122088.00	√	846	C145T17FC121	66	208-230/460	4.6	86.5	1.15	17.29	S, US
2	3600	145JM	G121859.00	√	813	C145T34FK37	38	208-230/460	5.2	84.0	1.15	15.50	S, US
	3600	145JM	122089.00	√	959	C145T34FK45	71	208-230/460	5.2	85.5	1.15	16.50	S, US
	3600	145JMV	122090.00	√	959	C145T34FC42	69	208-230/460	5.2	85.5	1.15	17.29	S, US
	1800	145JM	G121857.00	√	714	C145T17FK54	50	208-230/460	5.6	84.0	1.15	16.00	S, US
	1800	145JM	122091.00	√	845	C145T17FK72	76	208-230/460	6.0	86.5	1.15	17.00	S, US
	1800	145JMV	122092.00	√	845	C145T17FC122	74	208-230/460	6.0	86.5	1.15	17.79	S, US
3	3600	145JM	G121860.00	√	862	C145T34FK38	49	208-230/460	7.4	85.5	1.15	17.35	S, US
	3600	182JM	199766.00	√	990	C182T34FK43	83	208-230/460	7.6	86.5	1.15	17.51	S, CN
	1800	182JM	G131579.00	√	874	C182T17FK26	75	230/460	8.4	87.5	1.15	17.85	S, MX
	1800	128JM	199767.00	√	1,014	C182T17FK48	87	208-230/460	7.8	89.5	1.15	17.51	S, CN
5	3600	184JM	G131580.00	√	1,170	C184T34FK39	82	208-230/460	12.4	87.5	1.15	18.35	S, MX
	3600	184JM	199768.00	√	1380	C184T34FK49	95	208-230/460	12.00	88.5	1.15	18.36	S, CN
	1800	184JM	G131581.00	√	1,138	C184T17FK33	97	230/460	12.60	87.5	1.15	18.85	S, MX
	1800	184JM	199769.00	√	1342	C184T17FK49	110	208-230/460	12.40	89.5	1.15	18.36	S, CN

Shaded items are less base and have drip covers
Green items are Premium Efficient
Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase - TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
7 1/2	3600	184JM	G131582.00	√	1,297	C184T34FK40	104	208-230/460	18.4	88.5	1.00	22.09	S, MX
	3600	213JM	199779.00	√	1,601	C213T34FK45	95	208-230/460	12.0	88.5	1.15	18.36	S, CN
	3600	S213JM	G132027.00	√	1,432	C184T34FK41	121	208-230/460	18.4	88.5	1.15	22.09	S, MX
	1800	213JM	G140622.00	√	1,512	C213T17FK23	127	208-230/460	20.0	89.5	1.15	20.59	S, MX
	1800	213JM	199780.00	√	1,784	C213T17FK46	110	208-230/460	12.4	89.5	1.15	18.36	S, CN
10	3600	213JM	G141122.00	√	1,732	C213T34FK2	130	208-230/460	24.0	89.5	1.15	22.09	S, MX
	3600	215JM	199781.00	√	2,043	C215T34FK46	137	208-230/460	22.8	90.2	1.15	22.14	S, CN
	1800	215JM	G140623.00	√	1,864	C215T17FK18	145	208-230/460	25.6	90.2	1.15	22.09	S, MX
	1800	215JM	199782.00	√	2,199	C215T17FK46	164	230/460	24.4	91.7	1.15	22.14	S, CN
15	3600	215JM	G140764.00	√	2,077	C215T34FK10	139	208-230/460	35.0	90.2	1.15	24.74	S, MX
	3600	254JM	G151567.60	√	2,423	C254T34FK11	171	208-230/460	35.0	90.2	1.15	24.80	C, CN
	3600	254JM	199975.00	√	3,137	C254T34FK15	350	208-230/460	34.0	91.0	1.15	26.60	C, CN
	1800	254JM	G151568.60	√	2,357	A254T17FK12	287	208-230/460	37.0	91.0	1.15	24.80	C, CN
	1800	254JM	199976.00	√	3,175	C254T17FK16	375	208-230/460	37.0	92.4	1.15	26.60	C, CN
20	3600	254JM	G151569.60	√	2,643	C254T34FK12	299	208-230/460	46.2	90.2	1.15	24.80	C, CN
	3600	256JM	199977.00	√	3,413	C256T34FK11	375	208-230/460	46.0	91.0	1.15	27.80	C, CN
	1800	256JM	G151570.60	√	2,859	C256T17FK5	324	208-230/460	48.2	91.0	1.15	26.50	C, CN
	1800	256JM	199978.00	√	3,987	C256T17FK16	425	208-230/460	48.0	93.0	1.15	27.80	C, CN
25	3600	256JM	G151417.60	√	3,273	C256T34FK8	311	208-230/460	56.4	91.0	1.15	28.00	C, CN
	3600	284JM	199979.00	√	4,065	C284T34FK12	475	208-230/460	55.5	91.7	1.15	30.92	C, CN
	1800	284JM	G151418.60	√	3,219	C284T17FK6	373	208-230/460	58.8	92.4	1.15	28.17	C, CN
	1800	284JM	199980.00	√	4,504	C284T17FK14	500	208-230/460	62.0	93.6	1.15	30.92	C, CN
30	3600	284JM	G151420.60	√	3,883	C284T34FK12	378	208-230/460	69.2	91.0	1.15	28.17	C, CN
	3600	286JM	199981.00	√	4,302	C286T34FK19	500	208-230/460	66.0	91.7	1.15	32.10	C, CN
	1800	286JM	G151422.60	√	3,820	C286T17FK11	431	208-230/460	69.8	92.4	1.15	29.74	C, CN
	1800	286JM	199982.00	√	4,714	C286T17FK14	525	208-230/460	73.0	93.6	1.15	32.10	C, CN
40	3600	286JM	G151424.60	√	4,839	C286T34FK16	499	208-230/460	93.0	91.7	1.15	29.74	C, CN
	3600	324JM	199983.00	√	5,574	C324T34FK11	675	208-230/460	88.0	92.4	1.15	32.93	C, CN
	1800	324JM	G151426.60	√	4,687	C324T17FK12	531	208-230/460	90.0	93.0	1.15	32.33	C, CN
50	3600	326JM	199985.00	√	5,918	C326T34FK8	725	208-230/460	109.0	93.0	1.15	34.11	C, CN
	1800	326JM	199986.00	√	6,695	C326T17FK11	775	208-230/460	119.0	94.5	1.15	34.11	C, CN

Green items are Premium Efficient
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Pump Motors

JP Pump Motors - TEFC - Three Phase

General Specifications:

For use with close-coupled pumps having NEMA JP mounting and shaft dimensions. Used in applications where the pump impeller is mounted directly on the motor shaft. Designed for continuous duty service.

Features:

- 1.25 Service Factor
- All cast iron construction
- EPAct efficient
- Re-greasable bearings
- UL recognized and CSA certified
- Class F Insulation

TEFC JP Pump Motors - C Face With Base & C Face Less Base thru 2 HP

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1	1800	143JP	122105.00	√	784	C143T17FK28	59	208-230/460	3.3	85.5	1.15	19.13	S, US
	1800	143JPV	122106.00	√	784	C143T17FC40	57	208-230/460	3.3	85.5	1.15	19.85	S, US
1 1/2	3600	143JP	122107.00	√	809	C143T34FK18	63	208-230/460	4.0	84	1.15	18.63	S, US
	3600	143JPV	122108.00	√	809	C143T34FC21	61	208-230/460	4.0	84	1.15	19.35	S, US
	1800	145JP	G151736.60	√	607	C145T17FK60	54	208-230/460	4.5	85.5	1.15	18.66	C, CN
	1800	145JP	122109.00	√	860	C145T17FK73	68	208-230/460	4.6	86.5	1.15	19.63	S, US
	1800	145JPV	122110.00	√	860	C145T17FC123	66	208-230/460	4.6	86.5	1.15	20.35	S, US
2	3600	145JP	122111.00	√	974	C145T34FK46	71	208-230/460	5.2	85.5	1.15	19.63	S, US
	3600	145JPV	122112.00	√	974	C145T34FC43	69	208-230/460	5.2	85.5	1.15	20.35	S, US
	1800	145JP	G151737.60	√	626	C145T17FK61	57	208-230/460	5.8	85.5	1.15	18.66	C, CN
	1800	145JP	122113.00	√	868	C145T17FK74	76	208-230/460	6.0	86.5	1.15	20.13	S, US
	1800	145JP	122114.00	√	868	C145T17FC124	74	208-230/460	6.0	86.5	1.15	20.85	S, US
3	3600	182JP	G151738.60	√	1,138	C182T34FK12	91	208-230/460	7.4	85.5	1.15	20.71	C, CN
	3600	182JP	199092.00	√	1,308	C182T34FK42	83	208-230/460	7.6	86.5	1.15	19.07	S, CN
	1800	182JP	G151739.60	√	1,043	C182T17FK24	95	208-230/460	8.5	87.5	1.15	20.71	C, CN
	1800	182JP	199093.00	√	1,210	C182T17FK47	87	208-230/460	7.8	89.5	1.15	19.07	S, CN
5	3600	184JP	G151740.60	√	1,168	C184T34FK35	103	208-230/460	12.0	87.5	1.15	20.71	C, CN
	3600	184JP	199094.00	√	1,377	C184T34FK48	95	208-230/460	12.0	88.5	1.15	20.05	S, CN
	1800	184JP	G151741.60	√	1,153	C184T17FK31	103	208-230/460	13.8	87.5	1.15	20.71	C, CN
	1800	184JP	199095.00	√	1,383	C184T17FK48	110	208-230/460	12.4	89.5	1.15	20.05	S, CN

Shaded items are less base and have drip covers
Green items are Premium Efficient
Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

TEFC JP Pump Motors - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
7 1/2	3600	184JP	G151742.60	√	1,404	C184T34FK38	156	208-230/460	17.8	88.5	1.15	20.71	C, CN
	3600	213JP	199096.00	√	1,684	C213T34FK44	116	208-230/460	12.0	88.5	1.15	24.54	S, CN
	1800	213JP	G151743.60	√	1,320	C213T17FK17	158	208-230/460	19.2	89.5	1.15	24.02	C, CN
	1800	213JP	199787.00	√	1,755	C213T17FK47	143	208-230/460	12.4	89.5	1.15	24.54	S, CN
10	3600	213JP	G151744.60	√	1,637	C213T34FK4	166	208-230/460	23.6	89.5	1.15	24.02	C, CN
	3600	215JP	199788.00	√	1,931	C215T34FK47	137	208-230/460	22.8	90.2	1.15	26.03	S, CN
	1800	215JP	G151745.60	√	1,592	C215T17FK13	179	208-230/460	25.2	89.5	1.15	25.74	C, CN
	1800	215JP	199789.00	√	1,901	C215T17FK47	164	230/460	24.4	91.7	1.15	26.03	S, CN
15	3600	215JP	G151746.60	√	2,293	C215T34FK14	249	208-230/460	35.0	90.2	1.15	25.74	C, CN
	3600	254JP	199998.00	√	3,137	C254T34FK15	350	208-230/460	34.0	91.0	1.15	29.51	C, CN
	1800	254JP	G151747.60	√	2,434	C254T17FK10	281	208-230/460	37.0	92.4	1.15	28.03	C, CN
	1800	254JP	199999.00	√	3,175	C254T17FK17	375	208-230/460	37.0	92.4	1.15	29.51	C, CN
20	3600	254JP	G151748.60	√	3,038	C254T34FK10	260	208-230/460	46.2	90.2	1.15	28.03	C, CN
	3600	256JP	194118.00	√	3,584	C256T17FK17	375	208-230/460	45.0	91.0	1.15	30.71	C, CN
	1800	256JP	G151749.60	√	2,878	C256T34FK12	324	208-230/460	48.2	91.0	1.15	29.76	C, CN
	1800	256JP	194119.00	√	3,987	C256T17FK17	425	208-230/460	48.5	93.0	1.15	30.71	C, CN
25	3600	256JP	G151750.60	√	3,624	C256T34FK7	366	208-230/460	58.2	91.0	1.15	29.76	C, CN
	3600	284JP	194120.00	√	4,065	C284T34FK13	475	208-230/460	55.5	91.7	1.15	33.82	C, CN
	1800	284JP	G151751.60	√	3,639	C284T17FK8	391	208-230/460	58.8	92.4	1.15	30.04	C, CN
	1800	284JP	194121.00	√	4,503	C284T17FK15	500	208-230/460	62.0	93.6	1.15	33.82	C, CN
30	3600	284JP	G151752.60	√	3,946	C286T34FK7	380	208-230/460	69.2	91.0	1.15	30.04	C, CN
	3600	286JP	194122.00	√	4,656	C286T34FK20	500	208-230/460	66.0	91.7	1.15	35.00	C, CN
	1800	286JP	G151753.60	√	3,822	C286T17FK7	438	208-230/460	69.8	92.4	1.15	31.61	C, CN
	1800	286JP	194123.00	√	4,714	C286T17FK15	525	208-230/460	73.0	93.6	1.15	35.00	C, CN
40	3600	286JP	G151754.60	√	4,991	C324T34FK9	580	208-230/460	93.0	91.7	1.15	31.61	C, CN
	3600	324JP	194124.00	√	5,889	C324T34FK12	675	208-230/460	88.0	92.4	1.15	35.81	C, CN
	1800	324JP	G151755.60	√	4,757	C324T17FK8	583	208-230/460	90.0	93.0	1.15	32.80	C, CN
	1800	324JP	194125.00	√	5,978	C324T17FK16	750	208-230/460	94.0	94.1	1.15	35.81	C, CN
50	3600	324JP	G151756.60	√	6,140	C326T34FK7	610	208-230/460	112.0	92.4	1.15	34.17	C, CN
	3600	326JP	194126.00	√	6,877	C326T34FK9	725	208-230/460	109.0	93.0	1.15	36.99	C, CN
	1800	326JP	194127.00	√	6,912	C326T17FK12	775	208-230/460	119.0	94.5	1.15	36.99	C, CN

Green items are Premium Efficient

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Pump Motors

Lincoln Fire Pump Motors - Drip-Proof - Rigid Base

Features:

- 25 to 500 horsepower
- 3600 & 1800 RPM's
- 250 frame rolled steel construction
- 280 frame and larger - cast iron construction
- EPAct efficiency
- Ball bearings
- NEMA design B, code G
- 230/460 and 460 volt motors rated for 50HZ at next lower HP, with 1.15 S.F. on nameplate
- Dual voltage motors – 12 leads suitable for Y-Delta, low voltage PWS, and across the line start
- Single voltage motors – 12 leads suitable for Y-Delta, PWS, and across the line start
- C Face kits available through 250HP
- For special designs contact district sales office near you
- Exterior red paint
- UL listed and CSA certified (UL1004A) and CE marked

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	* F. L. Amps	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
25	3600	256T	LM80103	C/A	1,817	SSD2P25T62AP5	164	200/400	——	91.0	1.15	——	S, US
	3600	256T	LM80104	C/A	1,817	SSD2P25T61AP5	164	230/460	58.0	91.0	1.15	22.32	S, US
	1800	284T	LM80105	C/A	2,551	CCD4P25T62YAP5	420	200/400	70.0	91.7	1.15	23.49	C, US
	1800	284T	LM80106	C/A	2,551	CCD4P25T61YAP5	420	230/460	61.0	91.7	1.15	23.49	C, US
30	3600	284TS	LM80107	C/A	2,733	CCD2P30TS62YAP5	318	200/400	83.0	91.0	1.15	22.06	C, US
	3600	284TS	LM80108	C/A	2,733	CCD2P30TS61YAP5	318	230/460	72.0	91.0	1.15	22.06	C, US
	1800	286T	LM80109	C/A	3,007	CCD4P30T62YAP5	364	200/400	83.0	92.4	1.15	23.56	C, US
	1800	286T	LM80110	C/A	3,007	CCD4P30T61YAP5	364	230/460	72.0	92.4	1.15	23.49	C, US
40	3600	286TS	LM80111	C/A	3,049	CCD2P40TS62YAP5	360	200/400	123.0	91.7	1.15	23.64	C, US
	3600	286TS	LM80112	√	3,049	CCD2P40TS61YAP5	360	230/460	107.0	91.7	1.15	23.56	C, US
	1800	324TS	LM80113	C/A	3,383	CCD4P40TS62YAP5	465	200/400	127.0	93.0	1.15	24.50	C, US
	1800	324TS	LM80114	C/A	3,383	CCD4P40TS61YAP5	465	230/460	97.0	93.0	1.15	24.50	C, US
	1800	324T	LM80115	C/A	3,383	CCD4P40T62YAP5	465	200/400	112.0	93.0	1.15	26.00	C, US
	1800	324T	LM80116	√	3,383	CCD4P40T61YAP5	465	230/460	97.0	93.0	1.15	26.00	C, US
50	3600	324TS	LM80117	C/A	3,226	CCD2P50TS62YAP5	415	200/400	135.0	92.4	1.15	24..50	C, US
	3600	324TS	LM80118	√	3,226	CCD2P50TS61YAP5	415	230/460	117.0	92.4	1.15	24.50	C, US
	1800	326TS	LM80119	C/A	3,604	CCD4P50TS62YAP5	515	200/400	142.0	93.0	1.15	26.00	C, US
	1800	326TS	LM80120	C/A	3,604	CCD4P50TS61YAP5	515	230/460	123.0	93.0	1.15	26.00	C, US
	1800	326T	LM80121	C/A	3,604	CCD4P50T62YAP5	515	200/400	161.0	93.0	1.15	26.00	C, US
	1800	326T	LM80122	√	3,604	CCD4P50T61YAP5	515	230/460	123.0	93.0	1.15	27.50	C, US

▼ LM Numbers are Lincoln Models

* Full load Amps at lowest listed voltage

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	* F. L. Amps	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
60	3600	326TS	LM80123	C/A	3,595	CCD2P60TS62YAP5	340	200/400	155.0	93.0	1.15	26.00	C, US
	3600	326TS	LM80124	√	3,595	CCD2P60TS61YAP5	340	230/460	135.0	93.0	1.15	26.00	C, US
	1800	364TS	LM80125	C/A	6,812	CCD4P60TS62YAP5	805	200/400	166.0	93.6	1.15	26.50	C, US
	1800	364TS	LM80126	C/A	6,818	CCD4P60TS61YAP5	805	230/460	144.0	93.6	1.15	26.50	C, US
	1800	364T	LM80127	C/A	6,818	CCD4P60T62YAP5	805	200/400	166.0	93.6	1.15	28.62	C, US
	1800	364T	LM80128	C/A	6,818	CCD4P60T61YAP5	805	230/460	144.0	93.6	1.15	28.62	C, US
75	3600	364TS	LM80129	C/A	6,660	CCD2P75TS62YAP5	950	200/400	211.0	93.0	1.15	26.50	C, US
	3600	364TS	LM80130	√	7,079	CCD2P75TS61YAP5	950	230/460	183.0	93.0	1.15	26.50	C, US
	1800	365TS	LM80131	C/A	7,095	CCD4P75TS62YAP5	766	200/400	204.0	94.1	1.15	27.50	C, US
	1800	365TS	LM80132	C/A	7,095	CCD4P75TS61YAP5	766	230/460	177.0	94.1	1.15	27.50	C, US
	1800	365T	LM80133	C/A	7,095	CCD4P75T62YAP5	766	200/400	204.0	94.1	1.15	29.62	C, US
	1800	365T	LM80134	√	7,095	CCD4P75T61YAP5	766	230/460	177.0	94.1	1.15	29.62	C, US
100	3600	365TS	LM80135	C/A	6,932	CCD2P100TS62YAP5	730	200/400	276.0	93.0	1.15	27.50	C, US
	3600	365TS	LM80136	√	6,932	CCD2P100TS61YAP5	730	230/460	240.0	93.0	1.15	27.50	C, US
	1800	404TS	LM80137	C/A	8,723	CCD4P100TS62YAP5	1065	200/400	267.0	94.1	1.15	29.50	C, US
	1800	404TS	LM80138	C/A	8,723	CCD4P100TS61YAP5	1065	230/460	236.0	94.1	1.15	29.50	C, US
	1800	404T	LM80139	C/A	8,723	CCD4P100T62YAP5	1065	200/400	271.0	94.1	1.15	32.50	C, US
	1800	404T	LM80140	√	8,723	CCD4P100T61YAP5	1065	230/460	236.0	94.1	1.15	32.50	C, US
125	3600	404TS	LM80141	C/A	8,260	CCD2P125TS62YAP5	949	200/400	327.0	93.6	1.15	29.50	C, US
	3600	404TS	LM80142	√	8,260	CCD2P125TS61YAP5	949	230/460	284.0	93.6	1.15	29.50	C, US
	1800	405TS	LM80143	C/A	9,329	CCD4P125TS62YAP5	1070	200/400	327.0	94.5	1.15	29.50	C, US
	1800	405TS	LM80144	C/A	9,329	CCD4P125TS61YAP5	1070	230/460	288.0	94.5	1.15	31.00	C, US
	1800	405T	LM80145	C/A	9,329	CCD4P125T62YAP5	1070	200/400	331.0	94.5	1.15	34.00	C, US
	1800	405T	LM80146	√	9,329	CCD4P125T61YAP5	1070	230/460	288.0	94.5	1.15	34.00	C, US
150	3600	405TS	LM80147	C/A	8,515	CCD2P150TS6011PYAP5	983	400	194.0	93.6	1.15	31.00	C, US
	3600	405TS	LM80148	√	8,515	CCD2P150TS64PYAP5	983	460	169.0	93.6	1.15	31.00	C, US
	1800	444TS	LM80149	C/A	10,906	CCD4P150TS6011PYAP5	1265	400	199.0	95.0	1.15	34.00	C, US
	1800	444TS	LM80150	C/A	10,906	CCD4P150TS64PYAP5	1265	460	173.0	95.0	1.15	34.00	C, US
	1800	444T	LM80151	C/A	10,906	CCD4P150T6011PYAP5	1265	400	199.0	95.0	1.15	37.75	C, US
	1800	444T	LM80152	√	10,906	CCD4P150T64PYAP5	1265	460	173.0	95.0	1.15	37.75	C, US
200	3600	444TS	LM80153	C/A	11,021	CCD2P200TS6011PYAP5	1315	400	259.0	94.5	1.15	34.00	C, US
	3600	444TS	LM80154	√	11,021	CCD2P200TS64PYAP5	1315	460	225.0	94.5	1.15	34.00	C, US
	1800	445TS	LM80155	C/A	11,716	CCD4P200TS6011PYAP5	1412	400	268.0	95.0	1.15	36.00	C, US
	1800	445TS	LM80156	C/A	11,716	CCD4P200TS64PYAP5	1412	460	233.0	95.0	1.15	36.00	C, US
	1800	445T	LM80157	C/A	11,716	CCD4P200T6011PYAP5	1412	400	268.0	95.0	1.15	39.75	C, US
	1800	445T	LM80158	√	11,716	CCD4P200T64PYAP5	1412	460	233.0	95.0	1.15	39.75	C, US
250	3600	445TS	LM80159	C/A	11,776	CCD2P250TS6011PYAP5	1387	400	321.0	94.5	1.15	36.00	C, US
	3600	445TS	LM80160	√	11,776	CCD2P250TS64PYAP5	1387	460	279.0	94.5	1.15	36.00	C, US
	1800	445TS	LM80161	C/A	12,901	CCD4P250TS6011PYAP5	1428	400	328.0	95.4	1.15	36.00	C, US
	1800	445TS	LM80162	C/A	12,901	CCD4P250TS64PYAP5	1428	460	285.0	95.4	1.15	36.00	C, US
	1800	445T	LM80163	C/A	12,901	CCD4P250T6011PYAP5	1428	400	328.0	95.4	1.15	39.75	C, US
	1800	445T	LM80164	√	12,901	CCD4P250T64PYAP5	1428	460	285.0	95.4	1.15	39.75	C, US

▼ LM Numbers are Lincoln Models

* Full load Amps at lowest listed voltage

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Pump Motors

Lincoln Fire Pump Motors - Drip-Proof - Rigid Base

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	* F. L. Amps	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
300	3600	447TS	LM80165	C/A	15,803	CCD2P300TS6011PYAP5	2255	400	382.0	95.0	1.15	39.50	C, US
	3600	447TS	LM80166	√	15,803	CCD2P300TS64PYAP5	2255	460	332.0	95.0	1.15	39.50	C, US
	1800	447TS	LM80167	C/A	16,606	CCD4P300TS6011PYAP5	1952	400	397.0	95.4	1.15	39.50	C, US
	1800	447TS	LM80168	C/A	16,606	CCD4P300TS64PYAP5	1952	460	345.0	95.4	1.15	39.50	C, US
	1800	447T	LM80169	C/A	16,606	CCD4P300T6011PYAP5	1952	400	397.0	95.4	1.15	43.25	C, US
	1800	447T	LM80170	√	16,606	CCD4P300T64PYAP5	1952	460	345.0	95.4	1.15	43.25	C, US
350	3600	447TS	LM80171	C/A	16,464	CCD2P350TS6011PYAP5	2068	400	443.0	95.0	1.15	39.50	C, US
	3600	447TS	LM80172	√	16,464	CCD2P350TS64PYAP5	2068	460	385.0	95.0	1.15	39.50	C, US
	1800	447TS	LM80173	C/A	16,567	CCD4P350TS6011PYAP5	1950	400	466.0	95.4	1.15	39.50	C, US
	1800	447TS	LM80174	C/A	16,567	CCD4P350TS64PYAP5	1950	460	405.0	95.4	1.15	39.50	C, US
	1800	447T	LM80175	C/A	16,567	CCD4P350T6011PYAP5	1950	400	466.0	95.4	1.15	43.25	C, US
	1800	447T	LM80176	√	16,567	CCD4P350T64PYAP5	1950	460	405.0	95.4	1.15	43.25	C, US
400	1800	447TS	LM80178	√	18,538	CCD4P400TS64PYAP5	2214	460	450.0	95.4	1.15	39.50	C, US
450	1800	449TS	LM80180	√	24,596	CCD4P450TS64PYAP5	2675	460	505.0	95.8	1.15	44.50	C, US
500	1800	449TS	LM80182	√	26,850	CCD4P500TS64PYAP5	2695	460	560.0	95.8	1.15	44.50	C, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

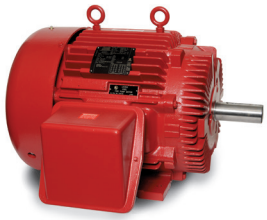
* Full Load Amps at 400 or 460 Volts

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Lincoln Fire Pump Motors - TEFC - Rigid Base



Features:

- 3 to 450 horsepower
- 3600 & 1800 RPM's
- EPAct efficiency
- Ball bearings
- NEMA design B, code G
- 230/460 and 460 volt motors rated for 50HZ at next lower HP, with 1.15 S.F. on nameplate
- Dual voltage motors – 12 leads suitable for Y-Delta, low voltage PWS, and across the line start
- Single voltage motors – 12 leads suitable for Y-Delta, PWS, and across the line start
- C-Face kits available through 250HP
- For special designs contact district sales office near you
- Exterior red paint
- UL listed and CSA certified (UL1004A) and CE marked

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	* F. L. Amps	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3	3600	182T	LM80050	C/A	957	CCF2P3T62AP5	84	200/400	8.5	86.5	1.15	15.87	C, US
	3600	182T	LM80051	C/A	957	CCF2P3T61AP5	84	230/460	7.4	86.5	1.15	15.87	C, US
	1800	182T	LM80052	C/A	1,039	CCF4P3T62AP5	90	200/400	9.9	87.5	1.15	15.87	C, US
	1800	182T	LM80053	C/A	1,039	CCF4P3T61AP5	90	230/460	8.6	87.5	1.15	15.87	C, US
5	3600	184T	LM80054	C/A	1,102	CCF2P5T62AP5	108	200/400	14.0	87.5	1.15	15.87	C, US
	3600	184T	LM80055	C/A	1,102	CCF2P5T61AP5	108	230/460	12.2	87.5	1.15	15.87	C, US
	1800	184T	LM80056	√	1,136	CCF4P5T62AP5	123	200/400	15.0	87.5	1.15	15.87	C, US
	1800	184T	LM80057	√	1,136	CCF4P5T61AP5	123	230/460	13.0	87.5	1.15	15.87	C, US
7 1/2	3600	213T	LM80058	C/A	1,537	CCF2P7.5T62AP5	188	200/400	21.9	88.5	1.15	18.20	C, US
	3600	213T	LM80059	C/A	1,537	CCF2P7.5T61AP5	188	230/460	19.0	88.5	1.15	18.20	C, US
	1800	213T	LM80060	C/A	1,512	CCF4P7.5T62AP5	194	200/400	23.0	89.5	1.15	18.20	C, US
	1800	213T	LM80061	C/A	1,512	CCF4P7.5T61AP5	194	230/460	20.0	89.5	1.15	19.63	C, US
10	3600	215T	LM80062	C/A	1,628	CCF2P10T62AP5	217	200/400	27.6	89.5	1.15	19.63	C, US
	3600	215T	LM80063	C/A	1,628	CCF2P10T61AP5	217	230/460	24.0	89.5	1.15	22.63	C, US
	1800	215T	LM80064	C/A	1,684	CCF4P10T62AP5	227	200/400	28.8	89.5	1.15	22.63	C, US
	1800	215T	LM80065	√	1,684	CCF4P10T61AP5	227	230/460	25.0	89.5	1.15	22.63	C, US
15	3600	254T	LM80066	C/A	2,294	CCF2P15T62AP5	370	200/400	——	90.2	1.15	——	C, US
	3600	254T	LM80067	C/A	2,294	CCF2P15T61AP5	370	230/460	35.0	90.2	1.15	23.69	C, US
	1800	254T	LM80068	C/A	2,200	CCF4P15T62AP5	365	200/400	——	91.0	1.15	——	C, US
	1800	254T	LM80069	C/A	2,200	CCF4P15T61AP5	365	230/460	39.0	91.0	1.15	23.52	C, US
20	3600	256T	LM80070	C/A	2,772	CCF2P20T62AP5	334	200/400	——	90.2	1.15	——	C, US
	3600	256T	LM80071	C/A	2,772	CCF2P20T61AP5	334	230/460	46.5	90.2	1.15	25.27	C, US
	1800	256T	LM80072	C/A	2,361	CCF4P20T62AP5	420	200/400	57.5	91.0	1.15	25.27	C, US
	1800	256T	LM80073	C/A	2,361	CCF4P20T61AP5	420	230/460	50.0	91.0	1.15	25.27	C, US
25	3600	284TS	LM80074	C/A	3,586	CCF2P25TS62YAP5	384	200/400	——	91.0	1.15	——	C, US
	3600	284TS	LM80075	C/A	3,586	CCF2P25TS61YAP5	384	230/460	59.0	91.0	1.15	24.89	C, US
	1800	284T	LM80076	C/A	2,866	CCF4P25T62YAP5	440	200/400	——	92.4	1.15	——	C, US
	1800	284T	LM80077	C/A	2,866	CCF4P25T61YAP5	440	230/460	61.0	92.4	1.15	26.27	C, US

▼ LM Numbers are Lincoln Models

* Full load Amps at lowest listed voltage

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Pump Motors

Lincoln Fire Pump Motors - TEFC - Rigid Base

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	* F. L. Amps	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
30	3600	286TS	LM80078	C/A	4,257	CCF2P30TS62YAP5	428	200/400	——	91.0	1.15	——	C, US
	3600	286TS	LM80079	C/A	4,257	CCF2P30TS61YAP5	428	230/460	70.0	91.0	1.15	26.43	C, US
	1800	286T	LM80080	C/A	3,427	CCF4P30T62YAP5	494	200/400	——	92.4	1.15	——	C, US
	1800	286T	LM80081	C/A	3,427	CCF4P30T61YAP5	494	230/460	72.0	92.4	1.15	27.84	C, US
40	3600	324TS	LM80084	C/A	5,960	CCF2P40TS62YAP5	520	200/400	——	91.7	1.15	——	C, US
	3600	324TS	LM80085	√	5,960	CCF2P40TS61YAP5	520	230/460	92.0	91.7	1.15	27.47	C, US
	1800	324TS	LM80183	C/A	5,019	CCF4P40TS62YAP5	575	200/400	——	93.0	1.15	——	C, US
	1800	324TS	LM80184	C/A	5,019	CCF4P40TS61YAP5	575	230/460	100.0	93.0	1.15	27.47	C, US
	1800	324T	LM80027	C/A	5,019	CCF4P40T62YAP5	575	200/400	——	93.0	1.15	——	C, US
	1800	324T	LM80086	√	5,019	CCF4P40T61YAP5	575	230/460	100.0	93.0	1.15	28.97	C, US
50	3600	326TS	LM80028	C/A	6,958	CCF2P50TS62YAP5	540	200/400	——	93.0	1.15	——	C, US
	3600	326TS	LM80087	√	6,958	CCF2P50TS61YAP5	540	230/460	112.0	93.0	1.15	28.97	C, US
	1800	326TS	LM80186	C/A	5,636	CCF4P50TS62YAP5	675	200/400	——	93.6	1.15	——	C, US
	1800	326TS	LM80187	C/A	5,636	CCF4P50TS61YAP5	675	230/460	122.0	93.6	1.15	28.87	C, US
	1800	326T	LM80029	C/A	5,636	CCF4P50T62YAP5	675	200/400	140.0	93.6	1.15	30.37	C, US
	1800	326T	LM80088	√	5,636	CCF4P50T61YAP5	675	230/460	122.0	93.6	1.15	31.87	C, US
60	3600	364TS	LM80030	C/A	8,385	CCF2P60TS62YAP5	875	200/400	——	93.0	1.15	——	C, US
	3600	364TS	LM80089	√	8,385	CCF2P60TS61YAP5	875	230/460	138.0	93.0	1.15	29.38	C, US
	1800	364TS	LM80188	C/A	7,770	CCF4P60TS62YAP5	975	200/400	——	93.6	1.15	——	C, US
	1800	364TS	LM80185	C/A	7,770	CCF4P60TS61YAP5	975	230/460	142.0	93.6	1.15	29.38	C, US
	1800	364T	LM80031	C/A	7,770	CCF4P60T62YAP5	975	200/400	——	93.6	1.15	——	C, US
	1800	364T	LM80090	√	7,770	CCF4P60T61YAP5	975	230/460	142.0	93.6	1.15	31.50	C, US
75	3600	365TS	LM80032	C/A	9,986	CCF2P75TS62YAP5	1000	200/400	——	93.6	1.15	——	C, US
	3600	365TS	LM80091	√	9,986	CCF2P75TS61YAP5	1000	230/460	172.0	93.6	1.15	30.38	C, US
	1800	365TS	LM80189	C/A	9,800	CCF4P75TS62YAP5	1025	200/400	——	94.1	1.15	——	C, US
	1800	365TS	LM80190	C/A	9,800	CCF4P75TS61YAP5	1025	230/460	176.0	94.1	1.15	30.38	C, US
	1800	365T	LM80033	C/A	9,800	CCF4P75T62YAP5	1025	200/400	——	94.1	1.15	——	C, US
	1800	365T	LM80092	√	9,800	CCF4P75T61YAP5	1025	230/460	176.0	94.1	1.15	32.50	C, US
100	3600	405TS	LM80034	C/A	13,662	CCF2P100TS62YAP5	1239	200/400	——	94.1	1.15	——	C, US
	3600	405TS	LM80093	√	13,662	CCF2P100TS61YAP5	1239	230/460	224.0	94.1	1.15	34.12	C, US
	1800	405TS	LM80191	C/A	11,841	CCF4P100TS62YAP5	1267	200/400	172.0	94.5	1.15	30.38	C, US
	1800	405TS	LM80192	C/A	11,841	CCF4P100TS61YAP5	1267	230/460	224.0	94.5	1.15	32.62	C, US
	1800	405T	LM80035	C/A	11,841	CCF4P100T62YAP5	1267	200/400	——	94.5	1.15	——	C, US
	1800	405T	LM80094	√	11,841	CCF4P100T61YAP5	1267	230/460	224.0	94.5	1.15	37.12	C, US
125	3600	444TS	LM80036	C/A	16,639	CCF2P125TS6011PYAP5	1750	400	——	94.5	1.15	——	C, US
	3600	444TS	LM80095	√	16,639	CCF2P125TS64PYAP5	1750	460	——	94.5	1.15	——	C, US
	1800	444TS	LM80193	C/A	15,826	CCF4P125TS6011PYAP5	1805	400	167.0	94.5	1.15	39.60	C, US
	1800	444TS	LM80194	C/A	15,826	CCF4P125TS64PYAP5	1805	460	142.0	94.5	1.15	37.60	C, US
	1800	444T	LM80037	C/A	15,826	CCF4P125T6011PYAP5	1805	400	167.0	94.5	1.15	43.35	C, US
	1800	444T	LM80096	√	15,826	CCF4P125T64PYAP5	1805	460	145.0	94.5	1.15	43.35	C, US

▼ LM Numbers are Lincoln Models

* Full load Amps at lowest listed voltage

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	* F. L. Amps	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
150	1800	445TS	LM80195	C/A	18,357	CCF4P150TS6011PYAP5	2116	400	——	95.0	1.15	——	C, US
	1800	445TS	LM80196	C/A	18,357	CCF4P150TS64PYAP5	2116	460	170.0	95.0	1.15	39.60	C, US
	1800	445T	LM80039	C/A	18,357	CCF4P150T6011PYAP5	2116	400	——	95.0	1.15	——	C, US
	1800	445T	LM80098	√	18,357	CCF4P150T64PYAP5	2116	460	170.0	95.0	1.15	43.35	C, US
200	1800	445TS	LM80197	C/A	22,702	CCF4P200TS6011PYAP5	2311	400	——	95.4	1.15	——	C, US
	1800	445TS	LM80198	C/A	22,702	CCF4P200TS64PYAP5	2311	460	——	95.4	1.15	——	C, US
	1800	445T	LM80041	C/A	22,702	CCF4P200T6011PYAP5	2311	400	——	95.4	1.15	——	C, US
	1800	445T	LM80100	√	22,702	CCF4P200T64PYAP5	2311	460	224.0	95.4	1.15	43.35	C, US
250	1800	449TS	LM80199	C/A	27,097	CC449F4P250TS6011PYAP5	2600	400	——	93.0	1.15	——	C, US
	1800	449TS	LM80200	C/A	27,097	CC449F4P250TS64PYAP5	2600	460	326.0	93.0	1.15	48.09	C, US
	1800	449T	LM80043	C/A	27,097	CC449F4P250T6011PYAP5	2600	400	——	95.4	1.15	——	C, US
	1800	449T	LM80102	√	27,097	CC449F4P250T64PYAP5	2600	460	290.0	95.4	1.15	51.85	C, US
300	1800	449TS	LM80201	C/A	28,331	CCF4P300TS6011PYAP5	3041	400	374.0	93.0	1.15	48.09	C, US
	1800	449TS	LM80202	C/A	28,331	CCF4P300TS64PYAP5	3041	460	335.0	93.0	1.15	48.09	C, US
	1800	449T	LM80045	C/A	28,331	CCF4P300T6011PYAP5	3041	400	385.0	95.4	1.15	51.86	C, US
	1800	449T	LM80018	√	28,331	CCF4P300T64PYAP5	3041	460	335.0	95.4	1.15	51.86	C, US
350	1800	449TS	LM80203	C/A	29,341	CCF4P350TS6011PYAP5	3202	400	——	93.0	1.15	——	C, US
	1800	449TS	LM80204	C/A	29,341	CCF4P350TS64PYAP5	3202	460	400.0	93.0	1.15	48.09	C, US
	1800	449T	LM80047	C/A	29,341	CCF4P350T6011PYAP5	3202	400	——	95.4	1.15	——	C, US
	1800	449T	LM80020	√	29,341	CCF4P350T64PYAP5	3202	460	400.0	95.4	1.15	51.88	C, US
400	1800	5011L	LM80049	C/A	60,869	CC5011F4P400L6011PYAP5	5500	400	——	95.8	1.15	——	C, US
	1800	449T	LM80022†	√	60,869	CC5011F4P400L64PYAP5	5500	460	448.0	95.8	1.15	51.85	C, US
450	1800	5011L	LM80082	C/A	62,573	CC5011F4P450L6011PYAP5	5500	400	——	95.8	1.15	——	C, US
	1800	5011L	LM80083±	√	62,573	CC5011F4P450L64PYAP5	5500	460	495.0	95.8	1.15	70.94	C, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

* Full load Amps at 400 or 460 Volts

Note † - 50 HZ rated at 300 HP

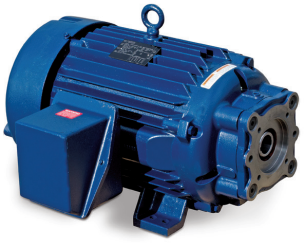
Note ± - 50 HZ rated at 350 HP

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Hydraulic SAE Pump Motors



Specifications:

- Rolled steel and cast iron construction
- Rigid base construction
- 230/460 Volt
- IRIS™ Inverter insulation system
- 575 Volt ratings available - contact your local sales office
- Higher HP SAE Pump motors available - contact your local sales office

Three Phase - TEFC - SAE Flange - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	Flange Type	Voltage	* F. L. Amps	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	56YZ	117813.00	C/A	453	C6T34FZ47	2-Bolt SAE AA	208-230/460	2.0	72.0	1.15	8.67	S, US
	3600	56YZ	117925.00	C/A	453	C6T34FZ48	4-Bolt SAE AA	208-230/460	2.0	72.0	1.15	8.67	S, US
	3600	56YZ	117926.00	C/A	453	C6T34FZ49	2-Bolt SAE A	208-230/460	2.0	72.0	1.15	8.50	S, US
	3600	56YZ	117927.00	C/A	453	C6T34FZ50	2-Bolt SAE B	208-230/460	2.0	72.0	1.15	8.93	S, US
	1800	56YZ	117814.00	C/A	393	C6T17FZ97	2-Bolt SAE AA	208-230/460	2.0	74.0	1.15	8.67	S, US
	1800	56YZ	117928.00	C/A	393	C6T17FZ100	4-Bolt SAE AA	208-230/460	2.0	74.0	1.15	8.67	S, US
	1800	56YZ	117929.00	C/A	393	C6T17FZ101	2-Bolt SAE A	208-230/460	2.0	74.0	1.15	8.50	S, US
	1800	56YZ	117930.00	C/A	393	C6T17FZ102	2-Bolt SAE B	208-230/460	2.0	74.0	1.15	8.93	S, US
3/4	3600	56YZ	117815.00	C/A	548	C6T34FZ51	2-Bolt SAE AA	208-230/460	2.4	75.5	1.15	8.67	S, US
	3600	56YZ	117931.00	C/A	548	C6T34FZ55	4-Bolt SAE AA	208-230/460	2.4	75.5	1.15	8.67	S, US
	3600	56YZ	117932.00	C/A	548	C6T34FZ56	2-Bolt SAE A	208-230/460	2.4	75.5	1.15	8.50	S, US
	3600	56YZ	117933.00	C/A	548	C6T34FZ57	2-Bolt SAE B	208-230/460	2.4	75.5	1.15	8.93	S, US
	1800	56YZ	117816.00	C/A	516	C6T17FZ98	2-Bolt SAE AA	208-230/460	2.8	77.0	1.15	9.17	S, US
	1800	56YZ	117934.00	C/A	516	C6T17FZ104	4-Bolt SAE AA	208-230/460	2.8	77.0	1.15	9.17	S, US
	1800	56YZ	117935.00	C/A	516	C6T17FZ105	2-Bolt SAE A	208-230/460	2.8	77.0	1.15	9.00	S, US
	1800	56YZ	117936.00	C/A	516	C6T17FZ106	2-Bolt SAE B	208-230/460	2.8	77.0	1.15	9.43	S, US
1	3600	56YZ	117817.00	C/A	541	C6T34FZ52	2-Bolt SAE AA	208-230/460	3.2	77.0	1.15	8.67	S, US
	3600	56YZ	117937.00	C/A	541	C6T34FZ58	4-Bolt SAE AA	208-230/460	3.2	77.0	1.15	8.67	S, US
	3600	56YZ	117938.00	C/A	541	C6T34FZ59	2-Bolt SAE A	208-230/460	3.2	77.0	1.15	9.00	S, US
	3600	56YZ	117939.00	C/A	541	C6T34FZ60	2-Bolt SAE B	208-230/460	3.2	77.0	1.15	9.93	S, US
	1800	56YZ	117818.00	C/A	541	C6T17FZ99	2-Bolt SAE AA	208-230/460	3.8	77.0	1.15	9.17	S, US
	1800	56YZ	117940.00	C/A	541	C6T17FZ108	4-Bolt SAE AA	208-230/460	3.8	77.0	1.15	9.17	S, US
	1800	56YZ	117941.00	C/A	541	C6T17FZ109	2-Bolt SAE A	208-230/460	3.8	77.0	1.15	9.00	S, US
	1800	56YZ	117942.00	C/A	541	C6T17FZ110	2-Bolt SAE B	208-230/460	3.8	77.0	1.15	9.43	S, US
	1800	143YZ	122035.00	C/A	723	C143T17FZ2	2-Bolt SAE AA	208-230/460	3.8	77.0	1.15	10.67	S, US
	1800	143YZ	122036.00	C/A	723	C143T17FZ3	4-Bolt SAE AA	208-230/460	3.8	77.0	1.15	10.67	S, US
	1800	143YZ	122037.00	C/A	723	C143T17FZ4	2-Bolt SAE A	208-230/460	3.8	77.0	1.15	10.50	S, US
	1800	143YZ	122038.00	C/A	723	C143T17FZ5	2-Bolt SAE B	208-230/460	3.8	77.0	1.15	10.93	S, US

Note - 254T frame and larger - 2 & 4 bolt B flange has a 13 teeth internal spline
Note - 254T frame and larger - 2 & 4 bolt BB flange has a 15 teeth internal spline
C/A = Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase - TEFC - SAE Flange - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	Flange Type	Voltage	* F. L. Amps	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1 1/2	3600	56YZ	117819.00	C/A	579	C6T34FZ53	2-Bolt SAE AA	208-230/460	4.2	81.5	1.15	9.67	S, US
	3600	56YZ	117943.00	C/A	579	C6T34FZ61	4-Bolt SAE AA	208-230/460	4.2	81.5	1.15	9.67	S, US
	3600	56YZ	117944.00	C/A	579	C6T34FZ62	2-Bolt SAE A	208-230/460	4.2	81.5	1.15	10.00	S, US
	3600	56YZ	117945.00	C/A	579	C6T34FZ63	2-Bolt SAE B	208-230/460	4.2	81.5	1.15	10.43	S, US
	3600	143YZ	122039.00	C/A	673	C143T34FZ1	2-Bolt SAE AA	208-230/460	4.2	81.5	1.15	10.67	S, US
	3600	143YZ	122040.00	C/A	673	C143T34FZ2	4-Bolt SAE AA	208-230/460	4.2	81.5	1.15	10.67	S, US
	3600	143YZ	122041.00	C/A	673	C143T34FZ3	2-Bolt SAE A	208-230/460	4.2	81.5	1.15	10.50	S, US
	3600	143YZ	122042.00	C/A	673	C143T34FZ4	2-Bolt SAE B	208-230/460	4.8	81.5	1.15	10.93	S, US
	1800	56YZ	117820.00	C/A	595	C6T17FZ103	2-Bolt SAE AA	208-230/460	5.0	78.5	1.15	10.17	S, US
	1800	56YZ	117946.00	C/A	595	C6T17FZ111	4-Bolt SAE AA	208-230/460	5.0	78.5	1.15	10.17	S, US
	1800	56YZ	117947.00	C/A	595	C6T17FZ112	2-Bolt SAE A	208-230/460	5.0	78.5	1.15	10.00	S, US
	1800	56YZ	117948.00	C/A	595	C6T17FZ113	2-Bolt SAE B	208-230/460	5.0	78.5	1.15	10.43	S, US
	1800	145YZ	122043.00	C/A	765	C145T17FZ18	2-Bolt SAE AA	208-230/460	5.0	78.5	1.15	10.67	S, US
	1800	145YZ	122044.00	C/A	765	C145T17FZ19	4-Bolt SAE AA	208-230/460	5.0	78.5	1.15	10.67	S, US
	1800	145YZ	122045.00	C/A	765	C145T17FZ20	2-Bolt SAE A	208-230/460	5.0	78.5	1.15	10.50	S, US
	1800	145YZ	122046.00	C/A	765	C145T17FZ21	2-Bolt SAE B	208-230/460	5.0	78.5	1.15	10.93	S, US
2	3600	56YZ	117821.00	C/A	600	C6T34FZ54	2-Bolt SAE AA	208-230/460	5.6	82.5	1.15	10.17	S, US
	3600	56YZ	117949.00	C/A	600	C6T34FZ64	4-Bolt SAE AA	208-230/460	5.6	82.5	1.15	10.17	S, US
	3600	56YZ	117950.00	C/A	600	C6T34FZ65	2-Bolt SAE A	208-230/460	5.6	82.5	1.15	10.50	S, US
	3600	56YZ	117951.00	C/A	600	C6T34FZ66	2-Bolt SAE B	208-230/460	5.6	82.5	1.15	9.93	S, US
	1800	56YZ	117822.00	C/A	609	C6T17FZ107	2-Bolt SAE AA	208-230/460	6.2	81.5	1.15	10.67	S, US
	1800	56YZ	117952.00	C/A	609	C6T17FZ114	4-Bolt SAE AA	208-230/460	6.2	81.5	1.15	10.67	S, US
	1800	56YZ	117953.00	C/A	609	C6T17FZ115	2-Bolt SAE A	208-230/460	6.2	81.5	1.15	10.50	S, US
	1800	56YZ	117954.00	C/A	609	C6T17FZ116	2-Bolt SAE B	208-230/460	6.2	81.5	1.15	11.43	S, US
	1800	145YZ	122047.00	C/A	814	C145T17FZ22	2-Bolt SAE AA	208-230/460	6.2	81.5	1.15	10.67	S, US
	1800	145YZ	122048.00	C/A	814	C145T17FZ23	4-Bolt SAE AA	208-230/460	6.2	81.5	1.15	10.67	S, US
	1800	145YZ	122049.00	C/A	814	C145T17FZ24	2-Bolt SAE A	208-230/460	6.2	81.5	1.15	11.00	S, US
	1800	145YZ	122050.00	C/A	814	C145T17FZ25	2-Bolt SAE B	208-230/460	6.2	81.5	1.15	11.43	S, US
3	3600	182TYZ	132345.00	√	1,113	C182T34FZ7	2-Bolt SAE AA	208-230/460	7.8	86.5	1.15	12.04	S, MX
	3600	182TYZ	132356.00	√	1,113	C182T34FZ8	2-Bolt SAE A	208-230/460	7.8	86.5	1.15	11.96	S, MX
	3600	182TYZ	132357.00	√	1,113	C182T34FZ9	2-Bolt SAE B	208-230/460	7.8	86.5	1.15	12.21	S, MX
	1800	182TYZ	132346.00	√	1,088	C182T17FZ17	2-Bolt SAE AA	208-230/460	8.6	87.5	1.15	12.04	S, MX
	1800	182TYZ	132359.00	√	1,088	C182T17FZ18	2-Bolt SAE A	208-230/460	8.6	87.5	1.15	11.96	S, MX
	1800	182TYZ	132360.00	√	1,088	C182T17FZ19	2-Bolt SAE B	208-230/460	8.6	87.5	1.15	12.21	S, MX
5	3600	184TYZ	132347.00	√	1,230	C184T34FZ4	2-Bolt SAE AA	208-230/460	12.0	87.5	1.15	12.04	S, MX
	3600	184TYZ	132362.00	√	1,230	C184T34FZ5	2-Bolt SAE A	208-230/460	12.0	87.5	1.15	11.96	S, MX
	3600	184TYZ	132363.00	√	1,230	C184T34FZ6	2-Bolt SAE B	208-230/460	12.0	87.5	1.15	12.21	S, MX
	1800	184TYZ	132348.00	√	1,162	C184T17FZ35	2-Bolt SAE AA	208-230/460	13.0	87.5	1.15	12.04	S, MX
	1800	184TYZ	132365.00	√	1,162	C184T17FZ31	2-Bolt SAE A	208-230/460	13.0	87.5	1.15	11.96	S, MX
	1800	184TYZ	132366.00	√	1,162	C184T17FZ36	2-Bolt SAE B	208-230/460	13.0	87.5	1.15	12.21	S, MX
7 1/2	3600	213TYZ	141156.00	√	2,212	C213T34FZ1	2-Bolt SAE AA	208-230/460	18.4	88.5	1.15	17.22	S, MX
	3600	213TYZ	141170.00	√	2,212	C213T34FZ2	2-Bolt SAE A	208-230/460	18.4	88.5	1.15	17.05	S, MX
	3600	213TYZ	141171.00	√	2,212	C213T34FZ3	2-Bolt SAE B	208-230/460	18.4	88.5	1.15	17.18	S, MX
	1800	213TYZ	141157.00	√	2,144	C213T17FZ1	2-Bolt SAE AA	208-230/460	20.0	89.5	1.15	17.22	S, MX
	1800	213TYZ	141173.00	√	2,144	C213T17FZ2	2-Bolt SAE A	208-230/460	20.0	89.5	1.15	17.05	S, MX
	1800	213TYZ	141174.00	√	2,144	C213T17FZ3	2-Bolt SAE B	208-230/460	20.0	89.5	1.15	17.18	S, MX

Note - 254T frame and larger - 2 & 4 bolt B flange has a 13 teeth internal spline
Note - 254T frame and larger - 2 & 4 bolt BB flange has a 15 teeth internal spline
C/A = Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Hydraulic SAE Pump Motors

Three Phase - TEFC - SAE Flange - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	Flange Type	Voltage	* F. L. Amps	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
10	3600	215TYZ	141158.00	√	2,486	C215T34FZ1	2-Bolt SAE AA	208-230/460	24.0	89.5	1.15	17.22	S, MX
	3600	215TYZ	141176.00	√	2,486	C215T34FZ2	2-Bolt SAE A	208-230/460	24.0	89.5	1.15	17.05	S, MX
	3600	215TYZ	141177.00	√	2,486	C215T34FZ3	2-Bolt SAE B	208-230/460	24.0	89.5	1.15	17.18	S, MX
	1800	215TYZ	141159.00	√	2,242	C215T17FZ5	2-Bolt SAE AA	208-230/460	26.0	89.5	1.15	17.22	S, MX
	1800	215TYZ	141179.00	√	2,242	C215T17FZ6	2-Bolt SAE A	208-230/460	26.0	89.5	1.15	17.05	S, MX
	1800	215TYZ	141180.00	√	2,242	C215T17FZ7	2-Bolt SAE B	208-230/460	26.0	89.5	1.15	17.18	S, MX
15	3600	254TYZ	850788.00	C/A	4,752	254TTFNA17007	2-Bolt SAE A	230/460	35.5	89.5	1.15	23.66	C, US
	3600	254TYZ	850820.00	C/A	4,690	254TTFNA17009	2 & 4 Bolt SAE B	230/460	35.5	89.5	1.15	23.66	C, US
	3600	254TYZ	850821.00	C/A	4,594	254TTFNA17011	2 & 4 Bolt SAE BB	230/460	35.5	89.5	1.15	23.66	C, US
	3600	254TYZ	850822.00	C/A	4,752	254TTFNA17008	2 & 4 Bolt SAE C	230/460	35.5	89.5	1.15	23.66	C, US
	1800	254TYZ	850789.00	C/A	3,651	254TTFNA17053	2-Bolt SAE A	230/460	37	89.5	1.15	23.66	C, US
	1800	254TYZ	850823.00	C/A	3,651	254TTFNA17055	2 & 4 Bolt SAE B	230/460	37	89.5	1.15	23.66	C, US
	1800	254TYZ	850824.00	C/A	3,651	254TTFNA17056	2 & 4 Bolt SAE BB	230/460	37	89.5	1.15	23.66	C, US
	1800	254TYZ	850825.00	C/A	3,651	254TTFNA17054	2 & 4 Bolt SAE C	230/460	37	89.5	1.15	23.66	C, US
20	3600	256TYZ	850790.00	C/A	5,157	256TTFNA17015	2-Bolt SAE A	230/460	47	90.2	1.15	23.66	C, US
	3600	256TYZ	850826.00	C/A	5,096	256TTFNA17016	2 & 4 Bolt SAE B	230/460	47	90.2	1.15	23.66	C, US
	3600	256TYZ	850827.00	C/A	4,999	256TTFNA17017	2 & 4 Bolt SAE BB	230/460	47	90.2	1.15	23.66	C, US
	3600	256TYZ	850828.00	C/A	5,157	256TTFNA1701	2 & 4 Bolt SAE C	230/460	47	90.2	1.15	23.66	C, US
	1800	256TYZ	850791.00	C/A	4,148	256TTFNA18540	2-Bolt SAE A	230/460	50.0	90.2	1.15	25.44	C, US
	1800	256TYZ	850829.00	C/A	4,148	256TTFNA17052	2 & 4 Bolt SAE B	230/460	50.0	90.2	1.15	25.44	C, US
	1800	256TYZ	850830.00	C/A	4,148	256TTFNA17054	2 & 4 Bolt SAE BB	230/460	50.0	90.2	1.15	25.44	C, US
	1800	256TYZ	850831.00	C/A	4,148	256TTFNA17055	2 & 4 Bolt SAE C	230/460	50.0	90.2	1.15	25.44	C, US
25	3600	284TYZ	850792.00	C/A	5,296	284TTFPA17011	2-Bolt SAE A	230/460	60	91.0	1.15	23.94	C, US
	3600	284TYZ	850832.00	C/A	5,235	284TTFPA17012	2 & 4 Bolt SAE B	230/460	60	91.0	1.15	23.94	C, US
	3600	284TYZ	850833.00	C/A	5,027	284TTFPA17013	2 & 4 Bolt SAE BB	230/460	60	91.0	1.15	23.94	C, US
	3600	284TYZ	850834.00	C/A	5,296	284TTFPA17010	2 & 4 Bolt SAE C	230/460	60	91.0	1.15	23.94	C, US
	1800	284TYZ	850793.00	C/A	4,702	284TTFPA17052	2-Bolt SAE A	230/460	61	91.7	1.15	23.94	C, US
	1800	284TYZ	850835.00	C/A	4,702	284TTFPA17051	2 & 4 Bolt SAE B	230/460	61	91.7	1.15	25.44	C, US
	1800	284TYZ	850836.00	C/A	4,702	284TTFPA17049	2 & 4 Bolt SAE BB	230/460	61	91.7	1.15	23.94	C, US
	1800	284TYZ	850837.00	C/A	4,702	284TTFPA17050	2 & 4 Bolt SAE C	230/460	61	91.7	1.15	23.94	C, US
30	3600	286TYZ	850794.00	C/A	5,923	286TTFNA17005	2-Bolt SAE A	230/460	67	93.0	1.15	25.35	C, US
	3600	286TYZ	850838.00	C/A	5,862	286TTFNA17006	2 & 4 Bolt SAE B	230/460	70	91.0	1.15	25.44	C, US
	3600	286TYZ	850839.00	C/A	5,766	286TTFNA17007	2 & 4 Bolt SAE BB	230/460	70	91.0	1.15	25.35	C, US
	3600	286TYZ	850840.00	C/A	5,923	286TTFNA17008	2 & 4 Bolt SAE C	230/460	70	91.0	1.15	25.35	C, US
	1800	286TYZ	850795.00	C/A	4,979	286TTFNA17055	2-Bolt SAE A	230/460	73	94.1	1.15	25.35	C, US
	1800	286TYZ	850841.00	C/A	4,979	286TTFNA17058	2 & 4 Bolt SAE B	230/460	73	94.1	1.15	25.35	C, US
	1800	286TYZ	850842.00	C/A	4,979	286TTFNA17057	2 & 4 Bolt SAE BB	230/460	73	94.1	1.15	25.35	C, US
	1800	286TYZ	850843.00	C/A	4,979	286TTFNA17056	2 & 4 Bolt SAE C	230/460	76	92.4	1.15	25.35	C, US

Note - 254T frame and larger - 2 & 4 bolt B flange has a 13 teeth internal spline
Note - 254T frame and larger - 2 & 4 bolt BB flange has a 15 teeth internal spline
C/A = Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase - TEFC - SAE Flange - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	Flange Type	Voltage	* F. L. Amps	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
40	3600	324TYZ	850796.00	C/A	6,619	324TTFPA17008	2-Bolt SAE A	230/460	95	90.2	1.15	26.08	C, US
	3600	324TYZ	850844.00	C/A	6,557	324TTFPA17007	2 & 4 Bolt SAE B	230/460	95	90.2	1.15	26.08	C, US
	3600	324TYZ	850845.00	C/A	6,461	324TTFPA17009	2 & 4 Bolt SAE BB	230/460	95	90.2	1.15	26.08	C, US
	3600	324TYZ	850846.00	C/A	6,619	324TTFPA17006	2 & 4 Bolt SAE C	230/460	95	90.2	1.15	26.08	C, US
	1800	324TYZ	850797.00	C/A	5,172	324TTFP17026	2-Bolt SAE A	230/460	100	92.4	1.15	26.08	C, US
	1800	324TYZ	850847.00	C/A	5,172	324TTFPA17027	2 & 4 Bolt SAE B	230/460	100	92.4	1.15	26.08	C, US
	1800	324TYZ	850848.00	C/A	5,172	324TTFPA17052	2 & 4 Bolt SAE BB	230/460	100	92.4	1.15	26.08	C, US
	1800	324TYZ	850849.00	C/A	5,172	324TTFPA17027	2 & 4 Bolt SAE C	230/460	100	92.4	1.15	26.08	C, US
50	3600	326TYZ	850798.00	C/A	6,929	326TTFPA17009	2-Bolt SAE A	230/460	90	93	1.15	27.58	C, US
	3600	326TYZ	850850.00	C/A	6,868	326TTFPA17011	2 & 4 Bolt SAE B	230/460	115	91	1.15	27.58	C, US
	3600	326TYZ	850851.00	C/A	6,771	326TTFPA17013	2 & 4 Bolt SAE BB	230/460	115	91	1.15	27.58	C, US
	3600	326TYZ	850852.00	C/A	6,929	326TTFPA17010	2 & 4 Bolt SAE C	230/460	115	91	1.15	27.58	C, US
	1800	326TYZ	850799.00	C/A	6,315	326TTFPA17051	2-Bolt SAE A	230/460	122	93	1.15	27.58	C, US,♗
	1800	326TYZ	850853.00	C/A	6,315	326TTFPA17050	2 & 4 Bolt SAE B	230/460	122	93	1.15	27.58	C, US,♗
	1800	326TYZ	850854.00	C/A	6,315	326TTFPA17053	2 & 4 Bolt SAE BB	230/460	122	93	1.15	27.58	C, US,♗
	1800	326TYZ	850855.00	C/A	6,315	326TTFPA17049	2 & 4 Bolt SAE C	230/460	122	93	1.15	27.58	C, US,♗

♗ 2:1 Constant torque, all others are 10:1 constant torque

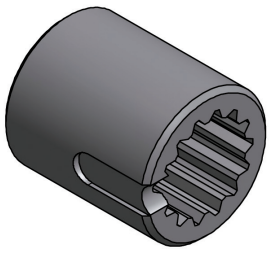
♥ Note listing on inside back flap

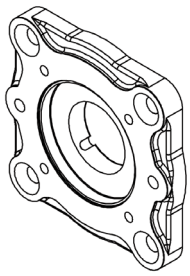
Note - 254T frame and larger - 2 & 4 bolt B flange has a 13 teeth internal spline

Note - 254T frame and larger - 2 & 4 bolt BB flange has a 15 teeth internal spline

C/A Check Availability

Specifications are subject to change without notice





SAE Pump Pad Kits and Bushing Kits

Kit Catalog Number	254 - 449 Frame Kits	Lead Time (days)	List Price
174341.00	Kit - SAE (A)	30	394
174342.00	Kit - SAE (B)	30	336
174343.00	Kit - SAE (BB)	30	336
174344.00	Kit - SAE (C)	30	242
174345.00	Kit Bushing SAE (A)	30	150
174346.00	Kit Bushing SAE (B)	30	150
174347.00	Kit Bushing SAE (BB)	30	150
174348.00	Kit Bushing SAE (C)	30	150

View On-line Technical Information

Washguard® Motors

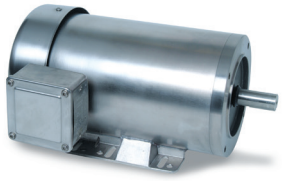
- USDA-approved epoxy painted motors
- Stainless steel motors
- Encapsulated stainless steel motors available
- NEMA and IEC flange motors
- Three phase, single phase and DC washdown duty motors
- AC and DC washdown gearmotors
- Rigid base and C face mount types
- BISSC approved designs
- Double lip contact seals and v-ring seals used for shaft seals
- 3-year warranty on encapsulated and premium efficient models
- Washdown brakemotors and pump motors available
- UL recognized and CSA certified

Applications:

Designed to meet the demanding washdown conditions that you may find in food processing plants, chemical processing, pharmaceutical plants and the beverage and brewing industries.

Premium StainlessDuck

Maximum service in critically clean or corrosive environments



- All exterior components of 300 series stainless steel
- Endshields o-ring sealed to frame
- IEEE 841 severe-duty features standard
- Meets IP56 enclosure protection
- AC, DC and IEC designs
- (SGRs) shaft grounding rings

SST StainlessDuck

Stainless Steel Tough for demanding washdown applications

- All exterior components of 300 series stainless steel, including motor frame, endshield and conduit box castings
- Moisture resistant sealant between frame and endbells
- Full-fact nameplate is laser-etched on the motor frame
- Four locations for T-drains provided on each endshield
- Meets IP55 enclosure protection

StainlessDuck

Superior, extended life in severe environments

- Paint-free exterior—stainless frame and conduit box lid, specially processed endshields and conduit box housing
- Etched stainless steel nameplate
- Meets IP55 enclosure protection
- Three phase motors are suitable for use on VFDs
- Washguard® II motors

WhiteDuck

Enhanced performance in wet, humid areas

- Our original moisture-shedding “duck” motor
- USDA-approved white epoxy finish
- Stainless steel shaft, conduit box cover, nameplate, fan guard
- Four endshield drains
- Meets IP55 enclosure protection

ExtremeDuck

Revolutionary Designed Stainless Steel Motors are built to be the last Stainless Steel Washdown motors you will ever need!

- Total winding encapsulation using an Epoxy Resin
- All exterior components are 300-Series stainless steel
- (SRGs) shaft grounding rings
- Protech Bearing isolator used for the output shaft seal
- Pre-lubricated double-sealed bearings
- Full fact nameplate is laser etched

LEESON®

Washguard® Motors

WASHGUARD® MOTORS ARE BUILT TO HANDLE HIGH-PRESSURE WASHDOWNS!*

Stainless-steel or white polypropylene fan guard on all WASHGUARD® frames.

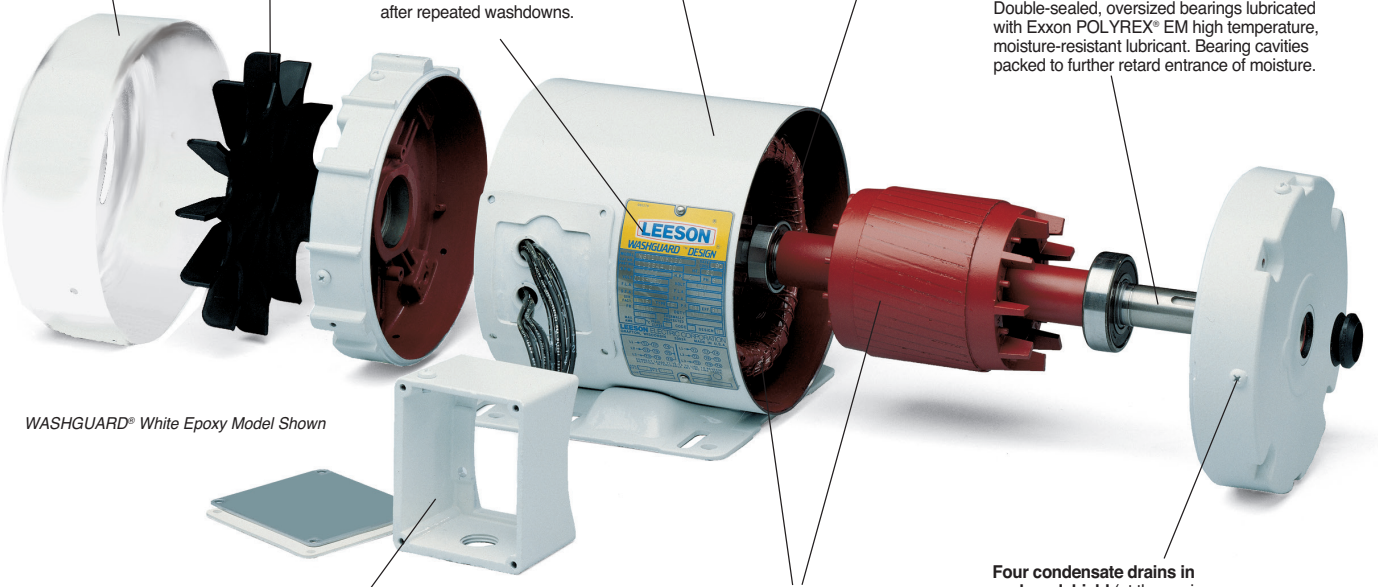
Composite fan is chemically-inert and static-free. Fan is positively positioned on shaft on TEFC designs only.

Stainless-steel, "full-fact" nameplate includes information on motor efficiency and connections. Readable even after repeated washdowns.

USDA-approved, white epoxy finish for superior protection and resistance to caustic cleaning solutions.

Encapsulated starting switch (single-phase WASHGUARD® motors) uses a patented, field-proven design that is immune to moisture, shock and vibration. No moving parts or exposed contacts to become corroded or inoperable.

Moisture-resistant shaft system includes 303 stainless-steel shaft and lubricated, spring-loaded contact seals in each endshield. Patented V-ring Forsheda seal on shaft end to deflect water (see inset). Double-sealed, oversized bearings lubricated with Exxon POLYREX® EM high temperature, moisture-resistant lubricant. Bearing cavities packed to further retard entrance of moisture.

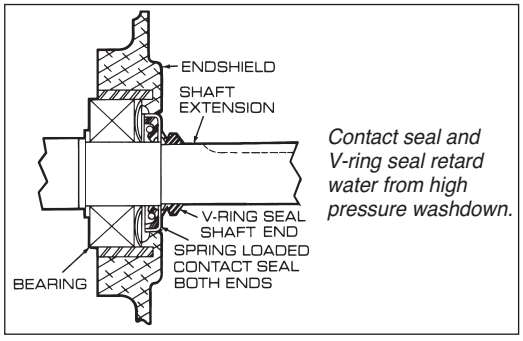


WASHGUARD® White Epoxy Model Shown

Cast, oversized conduit box with tough, high-temperature nitrile gaskets and stainless-steel cover and hardware. Oversized design with threaded entrance. All machined fits are sealed and nylon gaskets are used under bolt heads.

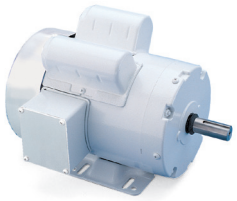
Interior coatings protect against moisture and corrosion. Frame, base, endshields, rotor, and interior components are protected by enamel and polyester compounds of outstanding adhesion and resistance to moisture, acids, alkalies, and oils. High temperature, moisture resistant IRIS insulation system assures long life on inverter service. Windings are immersed and cured in polyester insulating compound.

Four condensate drains in each endshield (at three, six, nine, and twelve o'clock) purge condensate and water which may enter the motor.



Contact seal and V-ring seal retard water from high pressure washdown.

*** Also excellent for applications requiring a motor that is "tropicalized"!**



Washguard® Motors

Single Phase - White Epoxy Painted

Single Phase - TEFC - Rigid Base - Featuring Electronic Solid State Encapsulated Switch

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56	112431.00	√	671	C6C17WB1	24	115/208-230	4.4	1.15	10.81	S, US
3/4	1800	56	112432.00	√	789	C6C17WB2	31	115/208-230	5.4	1.15	11.31	S, US
1	1800	56	112626.00	√	904	C6C17WB3	33	115/208-230	6.4	1.15	11.81	S, US
	1800	143T	120589.00	√	904	N143C17WB1	34	115/208-230	6.4	1.15	12.25	S, US
1 1/2	1800	145T	120590.00	√	1,151	C145C17WB1	47	115/208-230	9.5	1.15	13.75	S, US
2	1800	182T	131571.00	√	1,669	C182C17WB3	60	115/208-230	12.6	1.15	13.46	S, MX

Specifications are subject to change without notice

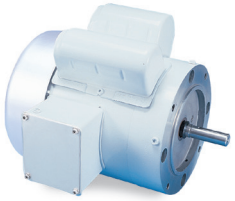
♥ Note listing on inside back flap

Single Phase - TEFC - C Face With Base - Featuring Electronic Solid State Encapsulated Switch

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	3600	56C	113580.00	√	662	C6C34WK2	27	115/208-230	2.6	1.15	10.69	S, US
	1800	56C	112526.00	√	671	C6C17WK2	28	115/208-230	3.2	1.15	10.69	S, US
1/2	3600	56C	113581.00	√	671	C6C34WK3	25	115/208-230	3.6	1.15	10.69	S, US
	1800	56C	112527.00	√	695	C6C17WK3	28	115/208-230	4.4	1.15	11.19	S, US
3/4	3600	56C	113582.00	√	680	C6C34WK4	31	115/208-230	5.0	1.15	11.69	S, US
	1800	56C	112528.00	√	788	C6C17WK4	30	115/208-230	5.4	1.15	11.69	S, US
1	3600	56C	113583.00	√	682	C6C34WK6	31	115/208-230	6.0	1.15	12.19	S, US
	1800	56C	112529.00	√	907	C6C17WK5	33	115/208-230	6.4	1.15	12.19	S, US
1 1/2	3600	56C	113584.00	√	998	C6C34WK5	36	115/208-230	8.5	1.15	12.69	S, US
	1800	56HC	113300.00	√	1,155	C6C17WK6	45	115/208-230	9.5	1.15	13.69	S, US
2	3600	56HC	114637.00	√	1,151	C6C34WK9	43	115/208-230	10.0	1.00	13.69	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap



Single Phase - TEFC - C Face Less Base - Featuring Electronic Solid State Encapsulated Switch

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	3600	56C	114310.00	√	658	C6C34WC2	25	115/208-230	2.6	1.15	10.69	S, US
	1800	56C	114311.00	√	668	C6C17WC2	27	115/208-230	3.2	1.15	10.69	S, US
1/2	3600	56C	114312.00	√	668	C6C34WC3	25	115/208-230	3.6	1.15	10.69	S, US
	1800	56C	114313.00	√	685	C6C17WC3	29	115/208-230	4.4	1.15	11.19	S, US
3/4	3600	56C	114314.00	√	671	C6C34WC4	31	115/208-230	5.0	1.15	11.69	S, US
	1800	56C	114315.00	√	792	C6C17WC4	31	115/208-230	5.4	1.15	11.69	S, US
1	3600	56C	114316.00	√	675	C6C34WC5	29	115/208-230	6.0	1.15	12.19	S, US
	1800	56C	114317.00	√	898	C6C17WC5	34	115/208-230	6.4	1.15	12.19	S, US
1 1/2	3600	56C	114318.00	√	997	C6C34WC6	36	115/208-230	8.5	1.15	12.69	S, US
	1800	56C	114319.00	√	1,151	C6C17WC6	43	115/208-230	9.5	1.15	13.69	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Washguard® Motors

White Epoxy Painted - Three Phase

Three Phase - TENV and TEFC C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	56C	113649.00	√	642	C6T17VC5	19	208-230/460	1.1	68.0	1.15	9.56	S, US, 12
1/3	3600	56C	116640.00	√	663	C6T34VC16	19	208-230/460	1.1	77.0	1.15	10.08	S, US, 12
	1800	56C	113954.00	√	682	C6T17VC6	19	208-230/460	1.3	72.0	1.15	9.56	S, US, 12
	1800	56C	116642.00	√	682	C6T17WC23	19	208-230/460	1.7	68.0	1.15	10.69	S, US, 13
1/2	3600	56C	116643.00	√	684	C6T34VC17	22	208-230/460	1.6	82.5	1.15	10.06	S, US, 12
	1800	56C	113473.00	√	703	C6T17VC4	22	208-230/460	1.8	78.5	1.15	10.06	S, US, 12
	1800	56C	116644.00	√	703	C6T17WC24	22	208-230/460	2.0	74.0	1.15	11.19	S, US, 13
3/4	3600	56C	113022.00	√	712	C6T34VC1	23	208-230/460	2.4	84.0	1.15	11.06	S, US, 12
	1800	56C	113019.00	√	814	C6T17VC1	28	208-230/460	2.5	80.0	1.15	10.56	S, US, 12
	1800	56C	116645.00	√	814	C6T17FC204	28	208-230/460	2.8	77.0	1.15	11.69	S, US, 13
1	3600	56C	113023.00	√	830	C6T34VC2	35	208-230/460	2.6	85.5	1.15	11.56	S, US, 12
	1800	56C	113020.00	√	849	C6T17VC2	32	208-230/460	3.2	80.0	1.15	11.56	S, US, 12
	1800	56C	116646.00	√	849	C6T17WC25	32	208-230/460	3.8	77.0	1.15	11.69	S, US, 13
	1800	143TC	120760.00	√	849	C143T17VC1	35	208-230/460	3.2	80.0	1.15	11.75	S, US, 12
	1800	143TC	G121652.00	√	870	C143T17WC8	33	208-230/460	3.1	82.5	1.15	13.25	S, US, 13
1 1/2	3600	56C	113024.00	√	880	C6T34VC3	42	208-230/460	3.8	84.0	1.15	12.56	S, US, 12
	1800	56C	113021.00	√	885	C6T17VC3	44	208-230/460	4.2	84.0	1.15	13.06	S, US, 12
	1800	56C	116647.00	√	885	C6T17WC26	44	208-230/460	5.0	78.5	1.15	12.69	S, US, 13
	1800	145TC	120761.00	√	885	C145T17VC1	47	208-230/460	4.2	84.0	1.15	13.25	S, US, 12
	1800	145TC	G121655.00	√	909	C145T17WC28	45	208-230/460	4.4	84.0	1.15	13.25	S, US, 13
2	3600	56C	113593.00	√	1,006	C6T34VC5	47	208-230/460	5.0	84.0	1.00	13.06	S, US, 12
	3600	145TC	121040.00	√	1,006	C145T34VC1	45	208-230/460	5.0	84.0	1.15	13.12	S, US, 12
	1800	56C	114616.00	√	1,033	C6T17WC12	48	208-230/460	6.2	81.5	1.15	12.69	S, US, 13
	1800	145TC	G120762.00	√	1,123	C145T17WC27	47	208-230/460	5.6	84.0	1.15	13.75	S, US, 13
3	3600	56C	115976.00	√	1,228	C6T34WC7	39	208-230/460	7.6	84.0	1.15	13.19	S, US, 13
	3600	145TC	G120987.00	√	1,326	C145T34WC15	44	208-230/460	7.6	85.5	1.15	13.75	S, US, 13
	1800	182TC	G131596.00	√	1,479	C182T17WC9	81	208-230/460	7.6	87.5	1.15	14.47	S, MX, 13
5	3600	184TC	G131595.00	√	1,851	C184T34WC7	75	208-230/460	12.0	87.5	1.15	14.47	S, MX, 13
	1800	184TC	G131597.00	√	1,669	C184T17WC8	95	208-230/460	13.0	87.5	1.15	14.97	S, MX, 13
7 1/2	3600	S213TC	G131594.00	√	2,294	C184T34WC6	102	208-230/460	16.8	88.5	1.00	17.47	S, MX, 13
	1800	213TC	G140467.00	√	2,116	C213T17WC3	145	208-230/460	20.4	89.5	1.15	17.71	S, MX, 13
10	3600	215TC	G140737.00	√	2,726	C215T34WC2	170	208-230/460	24.0	89.5	1.15	20.57	S, US, 13
	1800	215TC	G140465.00	√	2,404	C215T17WC3	180	208-230/460	26.0	89.5	1.15	18.71	S, MX, 13
15	3600	215TC	G140738.00	√	3,355	C215T34WC4	140	208-230/460	36.0	90.2	1.15	20.57	S, US, 13

Note 12 - TENV
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Washguard® Motors
White Epoxy Painted - Three Phase

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56	112427.00	√	691	C6T17WB6	24	208-230/460	2.0	74.0	1.15	10.81	S, US
3/4	1800	56	112428.00	√	721	C6T17WB7	27	208-230/460	2.8	77.0	1.15	10.81	S, US
1	1800	56	112627.00	√	758	C6T17WB8	26	208-230/460	3.8	77.0	1.15	11.31	S, US
	1800	143T	121865.00	√	953	C143T17WB4	35	208-230/460	3.1	85.5	1.15	12.75	S, US
1 1/2	1800	145T	121869.00	√	955	C145T17WB23	51	208-230/460	4.4	86.5	1.15	12.75	S, US
2	1800	145T	121866.00	√	1,188	C145T17WB22	46	208-230/460	5.6	86.5	1.15	13.75	S, US
3	3600	182T	132388.00	√	1,626	C182T34WB1	69	208-230/460	7.6	86.5	1.25	13.96	S, MX
	1800	56HZ	115751.00	√	1,057	C6T17FB113	45	208-230/460	8.6	82.5	1.00	14.25	S, US
	1800	182T	132196.00	√	1,595	C182T17WB10	69	208-230/460	8.2	89.5	1.15	13.96	S, MX
5	3600	184T	132202.00	√	1,824	C184T34WB5	75	208-230/460	12.0	88.5	1.25	14.46	S, MX
	1800	184T	132197.00	√	1,824	C184T17WB8	85	208-230/460	13.0	89.5	1.15	14.96	S, MX
7 1/2	3600	184T	132306.00	√	2,275	C184T34WB6	87	208-230/460	16.8	89.5	1.15	15.96	S, MX
	3600	S213T	132204.00	√	2,275	C184T34WB6	87	208-230/460	16.8	89.5	1.15	16.59	S, MX
	1800	213T	140819.00	√	2,315	C213T17WB6	131	208-230/460	20.4	91.7	1.25	17.21	S, MX
10	1800	215T	140820.00	√	2,769	C215T17WB5	165	208-230/460	26.0	91.7	1.25	18.71	S, MX

Green items are Premium Efficient

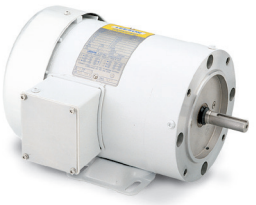
♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Washguard® Motors

White Epoxy Painted - Three Phase



Three Phase - TENV and TEFC C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	56C	112523.00	√	646	C6T17WK8	21	208-230/460	1.1	67.0	1.15	10.69	S, US, 13
1/3	3600	56C	116641.00	√	684	C6T34VK15	22	208-230/460	1.1	77.0	1.15	10.08	S, US, 12
	1800	56C	112547.00	√	711	C6T17WK9	22	208-230/460	1.7	68.0	1.15	10.69	S, US, 13
1/2	3600	56C	113588.00	√	644	C6T34VK3	26	208-230/460	1.5	82.5	1.15	10.58	S, US, 12
	1800	56C	113586.00	√	721	C6T17VK2	23	208-230/460	1.8	78.5	1.15	10.06	S, US, 12
	1800	56C	112429.00	√	721	C6T17WK1	22	208-230/460	2.0	74.0	1.15	11.19	S, US, 13
	1200	56C	115743.00	√	902	C6T11VK1	24	208-230/460	2.3	77.0	1.15	11.56	S, US, 12
3/4	3600	56C	113589.00	√	707	C6T34VK2	24	208-230/460	2.4	84.0	1.15	11.08	S, US, 12
	1800	56C	113587.00	√	835	C6T17VK1	30	208-230/460	2.5	80.0	1.15	10.56	S, US, 12
	1800	56C	112430.00	√	835	C6T17WK2	26	208-230/460	2.8	77.0	1.15	11.19	S, US, 13
	1200	56HC	115744.00	√	981	C6T11VK2	25	208-230/460	3.0	78.5	1.15	13.06	S, US, 12
1	3600	56C	113590.00	√	828	C6T34VK4	34	208-230/460	2.6	85.5	1.15	11.58	S, US, 12
	1800	56C	112524.00	√	870	C6T17WK10	27	208-230/460	3.8	77.0	1.15	11.69	S, US, 13
	1800	143TC	121867.00	√	1,002	C143T17WK11	37	208-230/460	3.2	85.5	1.15	13.25	S, US, 13
	1200	56HC	115745.00	√	1,049	C6T11WK3	35	208-230/460	4.0	77.0	1.15	13.08	S, US, 13
1 1/2	3600	56C	113591.00	√	913	C6T34VK5	44	208-230/460	3.8	84.0	1.15	12.56	S, US, 12
	1800	145TC	121871.00	√	1,044	C145T17WK31	53	208-230/460	4.8	86.5	1.15	13.25	S, US, 13
	1800	56C	112643.00	√	909	C6T17WK11	32	208-230/460	5.0	78.5	1.15	12.19	S, US, 13
	1200	56HC	115746.00	√	1,108	C6T11WK4	31	208-230/460	5.7	77.0	1.15	14.18	S, US, 13
2	3600	56HC	113592.00	√	1,015	C6T34VK6	48	208-230/460	5.0	84.0	1.15	13.06	S, US, 12
	3600	145TC	121039.00	√	1,015	C145T34VK1	43	208-230/460	4.8	85.5	1.15	13.12	S, US, 12
	1800	56C	112644.00	√	1,041	C6T17WK12	36	208-230/460	6.2	81.5	1.15	12.69	S, US, 13
	1800	145TC	121868.00	√	1,291	C145T17WK30	49	208-230/460	5.8	86.5	1.15	13.75	S, US, 13
3	3600	145TC	121870.00	√	1,525	C145T34WK28	46	208-230/460	7.6	89.5	1.15	13.75	S, US, 13
	3600	182TC	132199.00	√	1,753	C182T34WK1	80	208-230/460	7.6	86.5	1.25	14.97	S, MX, 13
	1800	182TC	132198.00	√	1,729	C182T17WK13	80	208-230/460	7.8	89.5	1.15	14.47	S, MX, 13
5	3600	184TC	132200.00	√	2,166	C184T34WK10	79	208-230/460	12.0	88.5	1.15	14.47	S, MX, 13
	1800	184TC	132201.00	√	1,952	C184T17WK15	84	208-230/460	12.8	89.5	1.15	14.97	S, MX, 13
7 1/2	3600	184TC	132205.00	√	2,685	C184T34WK17	94	208-230/460	17.6	89.5	1.15	15.97	S, MX, 13
	3600	213TC	141120.00	√	2,746	C213T34WK6	140	208-230/460	17.8	89.5	1.15	17.47	S, MX, 13
	1800	213TC	140822.00	√	2,517	C213T17WK9	135	208-230/460	21.4	91.7	1.25	17.71	S, MX, 13
10	3600	215TC	140823.00	√	3,242	C215T34WK9	129	208-230/460	23.6	90.2	1.15	20.57	S, US, 13
	1800	215TC	140821.00	√	2,861	C215T17WK9	145	208-230/460	26.6	91.7	1.25	18.71	S, MX, 13

Green items are Premium Efficient

♥ Note listing on inside back flap

Note 12 - TENV

Specifications are subject to change without notice

Three Phase • 575 Volts

Three Phase - TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 575 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	56C	112520.00	√	646	C6T17WK5	24	575	0.4	68.0	1.15	10.69	S, US
1/3	1800	56C	112521.00	√	669	C6T17WK6	22	575	0.7	68.0	1.15	10.69	S, US
1/2	1800	56C	112483.00	√	721	C6T17WK3	28	575	0.8	74.0	1.15	10.69	S, US
3/4	1800	56C	112484.00	√	835	C6T17WK4	24	575	1.1	77.0	1.15	11.19	S, US
1	1800	56C	112522.00	√	870	C6T17WK7	30	575	1.5	77.0	1.15	11.69	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Washguard® Motors

Washdown Duty Pump Motors
White Epoxy Painted

Three Phase - TEFC - JM Pump - EPACT Efficient

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1	1800	143JM	G121579.00	√	1,163	C143T17WK16	41	208-230/460	3.1	82.5	1.15	16.25	S, US
1 1/2	3600	143JM	G121580.00	√	1,255	C143T34WK9	33	208-230/460	4.0	82.5	1.15	16.25	S, US
	1800	145JM	G121581.00	√	1,288	C145T17WK38	47	208-230/460	4.4	84.0	1.15	16.25	S, US
2	3600	145JM	G121582.00	√	1,417	C145T34WK22	50	208-230/460	5.2	84.0	1.15	16.25	S, US
	1800	145JM	G121583.00	√	1,329	C145T17WK39	49	208-230/460	5.6	84.0	1.15	16.75	S, US
3	3600	145JM	G121584.00	√	1,520	C145T34WK23	54	208-230/460	7.6	85.5	1.15	16.75	S, US
	1800	182JM	G131967.00	√	1,690	C182T17WK15	79	208-230/460	8.2	87.5	1.15	16.75	S, MX
5	3600	184JM	G131968.00	√	2,017	C184T34WK12	81	208-230/460	12.0	87.5	1.15	16.75	S, MX
	1800	184JM	G131969.00	√	1,829	C184T17WK17	95	208-230/460	13.0	87.5	1.15	17.63	S, MX
7 1/2	3600	184JM	G131970.00	√	2,210	C184T34WK13	110	208-230/460	16.8	88.5	1.15	18.25	S, MX
	1800	213JM	G140733.00	√	2,466	C213T17WK13	135	208-230/460	20.4	89.5	1.15	19.50	S, MX
10	3600	215JM	G140734.00	√	3,039	C215T34WK5	142	208-230/460	24.0	89.5	1.15	22.20	S, US
	1800	215JM	G140735.00	√	2,869	C215T17WK12	150	208-230/460	26.0	89.5	1.15	21.70	S, MX
15	3600	215JM	G140736.00	√	3,473	C215T34WK6	160	208-230/460	36.0	90.2	1.15	22.20	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Washguard® Jet Pump Motors

Washdown duty three phase jet pump motors for industrial service. These motors include all of the features of LEESON's White Duck Washguard® motors with the addition of a 56J threaded shaft for use on jet pumps. For demanding pump applications in wet, humid, or washdown environments.

Three Phase - TEFC - C Face Less Base - Threaded Shaft

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3600	56J	116774.00	√	714	C6T34WC14	23	208-230/460	2.4	75.5	1.15	10.81	S, US
1	3600	56J	116775.00	√	830	C6T34WC15	35	208-230/460	3.2	77.0	1.15	10.81	S, US
1 1/2	3600	56J	116776.00	√	883	C6T34WC13	42	208-230/460	4.2	81.5	1.15	11.81	S, US
2	3600	56J	116777.00	√	1,010	C6T34WC11	47	208-230/460	5.6	82.5	1.15	12.31	S, US
3	3600	56J	116778.00	√	1,059	C6T34WC10	49	208-230/460	7.6	84.0	1.15	13.25	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase - TEFC - C Face With Base - Threaded Shaft

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3600	56J	116779.00	√	733	C6T34WK12	24	208-230/460	2.4	75.5	1.15	10.81	S, US
1	3600	56J	116780.00	√	851	C6T34WK13	36	208-230/460	3.2	77.0	1.15	10.81	S, US
1 1/2	3600	56J	116781.00	√	923	C6T34WK11	43	208-230/460	4.2	81.5	1.15	11.81	S, US
2	3600	56J	116782.00	√	1,026	C6T34WK10	48	208-230/460	5.6	82.5	1.15	12.31	S, US
3	3600	56J	116783.00	√	1,093	C6T34WK9	50	208-230/460	7.6	84.0	1.15	13.25	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Washguard® Motors

Washdown Duty Brakemotors
White Epoxy Painted

Washguard® Brakemotors - TENV/TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	3	116466.00	C/A	1,418	C6T17VK28	40	208-230/460	1.3	72.00	1.15	14.00	S, US, 12
1/2	1800	56C	3	116467.00	√	1,446	C6T17VK30	42	208-230/460	1.8	78.50	1.15	14.50	S, US, 12
3/4	1800	56C	6	116468.00	√	1,715	C6T17VK29	44	208-230/460	2.5	80.00	1.15	15.00	S, US, 12
1	1800	56C	6	116469.00	√	1,773	C6T17VK27	48	208-230/460	3.2	80.00	1.15	15.50	S, US, 12
	1800	143TC	6	121616.00	√	1,773	C143T17VK7	49	208-230/460	3.2	80.00	1.15	16.06	S, US, 12
1 1/2	1800	145TC	10	G121617.00	√	2,457	C145T17WK22	50	208-230/460	4.4	84.00	1.15	19.01	S, US, 13
2	1800	145TC	10	G121618.00	√	2,548	C145T17WK21	62	208-230/460	5.6	84.00	1.15	19.01	S, US, 13

Note 12 - TENV
C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

Washguard® Brakemotors - TENV/TEFC - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	3	116462.00	√	1,368	C6T17VC43	39	208-230/460	1.3	72.00	1.15	14.00	S, US, 12
1/2	1800	56C	3	116463.00	√	1,402	C6T17VC42	41	208-230/460	1.8	78.50	1.15	14.50	S, US, 12
3/4	1800	56C	6	116464.00	√	1,669	C6T17VC44	43	208-230/460	2.5	80.00	1.15	15.00	S, US, 12
1	1800	56C	6	116465.00	√	1,728	C6T17VC45	45	208-230/460	3.2	80.00	1.15	15.50	S, US, 12
	1800	143TC	6	121613.00	√	1,728	C143T17VC8	46	208-230/460	3.2	80.00	1.15	15.56	S, US, 12
1 1/2	1800	145TC	10	121614.00	√	2,395	C145T17WC20	49	208-230/460	5.0	78.50	1.15	18.01	S, US, 13
2	1800	145TC	10	121615.00	√	2,463	C145T17WC19	61	208-230/460	6.2	81.50	1.15	18.51	S, US, 13

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Washguard® Coupler Brakes Larger coupler brakes on page 274.

Solid die-cast aluminum Stearns NEMA 4X coupler brake converts any TEFC or TENV 56C thru 145TC motor to a fail-safe brakemotor by mounting between the C-face motor and driven equipment. Food safe white epoxy finish. BISSC Certified. Adds 5" to the overall length of 56C thru 145TC WASHGUARD® TEFC or TENV motors. Includes all mounting components.

For Both Single and Three Phase Motors

Cat. No. 115/230V Single Phase	List Price	Cat. No. 230/460V Three Phase	List Price	Cat. No. 575V Three Phase	List Price	Brake Rating (ft-lbs)	Max. HP @ 1725 rpm	Mounts to NEMA Frame	Coupler Brake Output Shaft and Face	App. Wt. (lbs.)
175566.00	1,253	175567.00	1253	175568.00	1,253	3	1	56C	5/8", 56C	13.0
175572.00	1,348	175573.00	1348	175574.00	1,348	6	2	56C/143-5TC	5/8", 56C	14.0

Specifications are subject to change without notice

Washguard® Brakekits™

Kit of components including a Stearns NEMA 4X brake to convert 56 thru 145T frame stock TEFC only motors to fail-safe brakemotors. Food safe white epoxy finish. BISSC Certified. Adds 5 1/8" to the overall length of 56 thru 145T WASHGUARD® TEFC motors.

For 230/460V Three Phase and 230V Single Phase Motors

Brake Rating (ft-lbs)	Mounts to NEMA Frame	Max. HP @ 1725rpm	Cat. No. 230/460 V Brake Coil Voltage	List Price	(lbs.)
3	56/143-5T	1	175771.00*	1,393	24
6	56/143-5T	2	175772.00*	1,468	36
10	56/143-5T	3	175773.00*	1,547	43

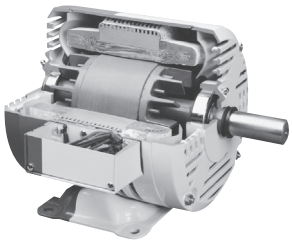
* For 56/145 frame motors having a "B" for the suffix letter for the date code and having a face mount fan guard.

Specifications are subject to change without notice

Washguard Motors

Lincoln Wash -Thru™ Motors

230/460 Volts - Three Phase - Foot Mount & C Face



Features:

- Pressure encapsulation technology - winding endcoils totally encapsulated
- 303 Stainless shaft
- Double sealed bearings
- FDA approved white finish coat
- Stainless laser etched nameplate

Applications:

Exceptional choice for demanding uses in poultry, seafood, meat and other food processing plants. Other applications include areas where a high degree of dust, moisture, and vibration exist.

Three Phase - Drip-Proof - Rigid Base - Encapsulated

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	56	LM21031	C/A	1,001	SREW2S0.5T61	30	230/460	2.4	70.0	1.00	——	S, US
	1800	56	LM20655	C/A	1,079	SREW4S0.5T61	26	230/460	——	68.0	1.00	10.44	S, US
3/4	3600	56	LM21034	√	1,062	SREW2S0.75T61	30	230/460	——	74.0	1.00	——	S, US
	1800	56	LM20658	C/A	1,119	SREW4S0.75T61	24	230/460	3.0	75.5	1.00	10.44	S, US
1	3600	56	LM21037	C/A	1,154	SREW2S1T61	30	230/460	3.2	78.5	1.00	11.44	S, US
	1800	56	LM21061	C/A	1,172	SREW4S1T61	30	230/460	3.2	77.0	1.00	10.44	S, US
1 1/2	3600	56	LM21040	C/A	1,231	SREW2S1.5T61	30	230/460	——	78.5	1.00	——	S, US
	3600	143T	LM21046	√	1,281	SSEW2S1.5T61	35	230/460	4.6	78.5	1.00	11.49	S, US
	1800	56H	LM21062	C/A	1,221	SREW4S1.5T61	30	230/460	4.8	80.0	1.00	10.94	S, US
	1800	145T	LM20670	C/A	1,221	SSEW4S1.5T61	35	230/460	4.8	80.0	1.00	10.99	S, US
2	3600	145T	LM21049	C/A	1,428	SSEW2S2T61	35	230/460	6.6	82.5	1.00	10.99	S, US
	1800	56H	LM21063	√	1,497	SREW4S2T61	34	230/460	6.2	81.5	1.00	10.94	S, US
	1800	145T	LM20673	√	1,461	SSEW4S2T61	35	230/460	6.2	81.5	1.00	11.99	S, US
3	3600	182T	LM21052	√	1,705	SSEW2S3T61	64	230/460	——	81.5	1.00	——	S, US
	1800	182T	LM20676	√	1,907	SSEW4S3T61	64	230/460	7.8	89.5	1.00	14.22	S, US
5	3600	184T	LM21055	C/A	2,412	SSEW2S5T61	70	230/460	12.4	81.5	1.00	14.22	S, US
	1800	184T	LM20679	C/A	2,169	SSEW4S5T61	70	230/460	13.2	87.5	1.00	14.22	S, US
7 1/2	3600	213T	LM22423	√	3,003	SSEW2S7.5T61	109	230/460	19.0	81.5	1.00	17.30	S, US
	1800	213T	LM22435	√	2,761	SSEW4S7.5T61	109	230/460	19.2	81.5	1.00	15.80	S, US
10	3600	215T	LM22426	√	3,582	SSEW2S10T61	125	230/460	24.0	84.0	1.00	17.30	S, US
	1800	215T	LM22438	C/A	3,154	SSEW4S10T61	125	230/460	25.0	84.0	1.00	17.30	S, US

▼ LM Numbers are Lincoln Models
C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Three Phase - Drip-Proof - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	56C	LM21033	C/A	1,055	SREW2S0.5TCN61	35	230/460	——	70.0	1.00	——	S, US
	1800	56C	LM20657	√	1,135	SREW4S0.5TCN61	35	230/460	2.4	74.0	1.00	10.43	S, US
3/4	3600	56C	LM21036	C/A	1,117	SREW2S0.75TCN61	35	230/460	——	74.0	1.00	——	S, US
	1800	56C	LM20660	√	1,173	SREW4S0.75TCN61	35	230/460	3.0	77.0	1.00	10.43	S, US
1	3600	56C	LM21039	C/A	1,209	SREW2S1TCN61	35	230/460	3.2	75.5	1.00	10.43	S, US
	1800	56C	LM20662	C/A	1,224	SREW4S1TCN61	35	230/460	3.6	78.5	1.00	10.93	S, US
	1800	143TC	LM20669	C/A	1,224	SSEW4S1TCN61	40	230/460	3.6	78.5	1.00	10.99	S, US
1 1/2	3600	56C	LM21042	C/A	1,287	SREW2S1.5TCN61	35	230/460	——	78.5	1.00	——	S, US
	3600	143TC	LM21048	C/A	1,332	SSEW2S1.5TCN61	40	230/460	——	78.5	1.00	——	S, US
	1800	56HC	LM20664	C/A	1,279	SREW4S1.5TCN61	35	230/460	4.8	80.0	1.00	10.93	S, US
	1800	145TC	LM20672	C/A	1,279	SSSEW4S1.5TCN61	40	230/460	4.8	80.0	1.00	10.99	S, US
2	3600	56HC	LM21045	C/A	1,425	SREW2S2TCN61	40	230/460	6.6	78.5	1.00	10.93	S, US
	3600	145TC	LM21051	C/A	1,480	SSEW2S2TCN61	40	230/460	6.6	78.5	1.00	10.99	S, US
	1800	56HC	LM20666	C/A	1,551	SREW4S2TCN61	40	230/460	6.2	81.5	1.00	11.93	S, US
	1800	145TC	LM20675	√	1,515	SSEW4S2TCN61	40	230/460	6.2	81.5	1.00	11.99	S, US

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Washguard® Motors

DC Washdown Duty Motors
White Epoxy Painted

DC - SCR Rated 90 & 180 Volts - TENV IP55- C Face with Removable Base

HP	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/4	1750	S56C	108423.00	√	830	C4D17VK9C	23	90	115	2.7	10.69	S, US, 12
	1750	SS56C	098375.00	C/A	830	C42D17VK1	21	180	230	1.4	10.22	S, US, 12
1/3	1750	S56C	108424.00	√	878	C4D17VK10	26	90	115	3.5	11.69	S, US, 12
	1750	SS56C	098376.00	C/A	878	C42D17VK2	22	180	230	1.7	10.22	S, US, 12
1/2	1750	S56C	108226.00	√	984	C4D17VK1	38	90	115	4.9	13.69	S, US, 12
	1750	S56C	108227.00	√	984	C4D17VK2	43	180	230	2.4	13.69	S, US, 12
3/4	1750	S56C	108228.00	√	1,194	C4D17VK3	53	90	115	7.0	15.69	S, US, 12
	1750	S56C	108229.00	√	1,194	C4D17VK4	50	180	230	3.5	15.69	S, US, 12
1	1750	S56C	108230.00	√	1,455	C4D17WK1	45	90	115	10.0	15.81	S, US, 13
	1750	S56C	108231.00	√	1,455	C4D17WK2	42	180	230	5.0	14.81	S, US, 13
1 1/2	1750	S56C	108232.00	√	1,859	C4D17WK3	50	180	230	7.6	15.81	S, US, 13

Note 13 - TEFC
C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

Washguard® - DC - IEC Frame

180 Volts - TENV IP55 - B5 Flange With Removable B3 Base

HP/ kW	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/2 - .37	1750	71	098040.00	C/A	870	42D17VD1	22	180	230	2.5	10.69	S, US
3/4 - .55	1750	80	108407.00	D	1,179	4D17VD1	52	180	230	3.5	16.02	S, US

C/A - Check Availability
D - Item to be discontinued once inventory has been depleted
Specifications are subject to change without notice

♥ Note listing on inside back flap

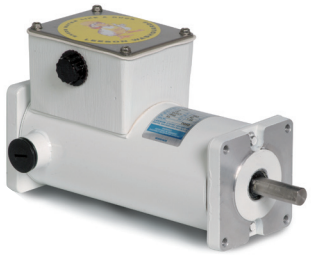
If base is removed, do not reinstall bolts without using washers to compensate for the thickness of base.
These WASHGUARD® motors are modular design but stocked with B5 flange and B3 foot. The foot is removable. The B5 flange can be replaced with a B14 face or other diameter B5 flanges noted on page 157.

All Washdown Duty Motors Have Class F Insulation.

View On-line Technical Information

General Specifications:
Precision subfractional horsepower DC permanent magnet motors. Designed for use with fullwave non-filtered SCR controls or battery supplied low voltage for adjustable speed applications requiring constant torque throughout the speed range.

Features:
- 303 Stainless steel shaft resists corrosion
- Lubricated spring loaded contact seals prevent moisture from entering the motor
- Double sealed, Oversize bearings with high temp lubricant
- Exterior and interior components protected against moisture,acids, alkalies and oil
- Cast conduit box for superior sealing includes:
  - Threaded conduit entrance
  - Drain holes
  - Nitrile gaskets
  - 304 stainless steel conduit box cover
  - Stainless steel hardware
- USDA Approved white epoxy finish
- Nylon seals at bolt heads for superior sealing
- O ring sealed brush covers



90 Volts DC - TENV - Square Flange Less Feet

HP	Full Load RPM	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/8	1800	31S	M1120181.00	√	516	M31D17VZ1	11	90	115.0	1.5	8.57	S, US
1/6	1800	31S	M1120183.00	√	523	M31D17VZ3	11	90	115.0	1.9	10.07	S, US
1/4	3600	32F42CZ	M1120185.00	√	569	M32D25VC1	13	90	115.0	1.9	10.00	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Low Voltage - 12 Volt - TENV - Square Flange or C Face

HP	Full Load RPM	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/8	1800	31S	M1120182.00	√	537	M31D17VZ2	7	12	10.5	8.1	S, US
1/6	1800	31S	M1120184.00	√	544	M31D17VZ4	11	12	14.5	9.6	S, US
1/4	3600	32F42CZ	M1120186.00	√	591	M32D25VC2	13	12	20.0	9.5	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Washguard® Motors

IP55 Washguard® Gearmotors - Parallel Shaft White Epoxy Painted

General Specifications - SCR rated Gearmotors:

- Performance matched for continuous duty service over 60:1 speed range
- Constant torque throughout the range when powered by a full-wave unfiltered SCR-type adjustable speed control having a typical form factor of 1.3 to 1.4

General Specifications - Low voltage Gearmotors:

- Performance matched for continuous duty service
- Designed for battery power or can be used with a low voltage controller with form factor up to 1.05

Features:

- Gearbox output shafts are coated with Mirolon 3300 fortified Teflon for superior corrosion resistance
- Frame, endshields, armature and interior components protected by enamel and polyester compounds for resistance to moisture, acids, alkalies and oil
- Precision machined in-line steel gears
- First stage steel helical gear followed by spur-type gears
- Lubrication is permanent semi-fluid grease, reducing possibility of leakage
- Output shafts have needle bearings for high load capacities
- Gearbox shafts are hardened steel
- Cast conduit box with threaded conduit holes and Nitrile gaskets keep water out
- Conduit box cover is made from 304 stainless steel
- For any condensation that may accumulate inside the motor, a one-way stainless steel vapor vent is provided
- All hardware is stainless steel
- Painted with white epoxy for superior corrosion resistance and protection
- Machined fits between the endbells and motor frame are sealed with gaskets
- Thru-bolt heads and nuts sealed with fiber washers
- O-rings under each threaded brush cover

Application Notes :

- Extended life in wet, high humidity applications
- Design repels water from entering motor
- Internal components protected against rust and corrosion
- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Overhung load capacities shown are at center of output shaft
- Motor's stall torque could exceed recommended full load torques. A current limiting device such as an SCR control should be used to prevent damage. This issue is even more critical for low voltage motors, typically no controller is used since motor is connected directly to a battery, so some type of current limit or fusing should be considered.
- USDA approved white epoxy finish
- **Bison/Dayton direct interchange**

P300 Series - SCR RATED - 90V - Parallel Shaft - TENV - 1.0 Service Factor

Output RPM	F.L Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	DC Arm. Volts	Full Load Amps DC	Over-hung Load (Lbs.)
5	353	1/20	M1125261.00	√	877	CM31D17VZ5	P303-31	336	90	0.8	565
31	220	1/8	M1125262.00	√	901	CM31D17VZ6	P303-31	58	90	1.6	327
51	130	1/8	M1125263.00	√	833	CM31D17VZ7	P302-31	35	90	1.6	277
94	77	1/8	M1125264.00	√	833	CM31D17VZ8	P302-31	19	90	1.6	236
167	43	1/8	M1125265.00	√	833	CM31D17VZ9	P302-31	11	90	1.6	197

P	PB	X Inches	XL	XH
3.13	3.8	3.54	10.44	8.94
3.13	3.8	3.54	11.94	10.44
3.13	3.8	3.54	11.94	10.44
3.13	3.8	3.54	11.94	10.44
3.13	3.8	3.54	11.94	10.44

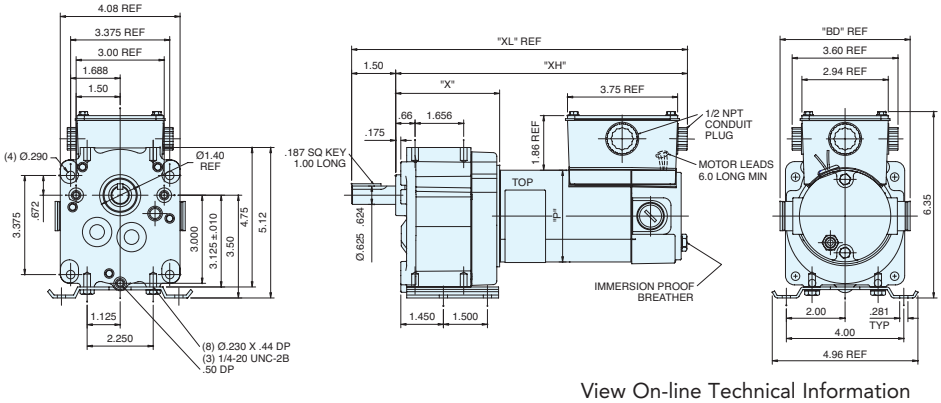
Specifications are subject to change without notice

P300 Series - Low Voltage (12V) - Parallel Shaft - TENV - 1.0 Service Factor

Output RPM	F.L Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	DC Arm. Volts	Full Load Amps DC	Over-hung Load (Lbs.)
5	353	1/20	M1125266.00	√	901	CM31D17VZ10	P303-31	336	12	6.4	565
31	220	1/8	M1125267.00	√	923	CM31D17VZ11	P303-31	58	12	11.0	327

P	PB	X Inches	XL	XH
3.13	3.8	3.54	10.44	8.94
3.13	4.43	3.54	11.94	9.94

Specifications are subject to change without notice



View On-line Technical Information

Washguard® Motors

IP55 Washguard® Gearmotors - Parallel Shaft White Epoxy Painted

General Specifications - SCR rated Gearmotors:

- Performance matched for continuous duty service over 60:1 speed range
- Constant torque throughout the range when powered by a full-wave unfiltered SCR-type adjustable speed control having a typical form factor of 1.3 to 1.4

General Specifications - Low voltage Gearmotors:

- Performance matched for continuous duty service
- Designed for battery power or can be used with a low voltage controller with form factor up to 1.05

Features:

- Gearbox output shafts are coated with Mirolon 3300 fortified Teflon for superior corrosion resistance
- Frame, endshields, armature and interior components protected by enamel and polyester compounds for resistance to moisture, acids, alkalies and oil
- Precision machined in-line steel gears
- First stage steel helical gear followed by spur-type gears
- Lubrication is permanent semi-fluid grease, reducing possibility of leakage
- Output shafts have needle bearings for high load capacities
- Gearbox shafts are hardened steel
- Cast conduit box with threaded conduit holes and Nitrile gaskets keep water out
- Conduit box cover is made from 304 stainless steel
- For any condensation that may accumulate inside the motor, a one-way stainless steel vapor vent is provided
- All hardware is stainless steel
- Painted with white epoxy for superior corrosion resistance and protection
- Machined fits between the endbells and motor frame are sealed with gaskets
- Thru-bolt heads and nuts sealed with fiber washers
- O-rings under each threaded brush cover

Application Notes :

- Extended life in wet, high humidity applications
- Design repels water from entering motor
- Internal components protected against rust and corrosion
- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Overhung load capacities shown are at center of output shaft
- Motor's stall torque could exceed recommended full load torques. A current limiting device such as an SCR control should be used to prevent damage. This issue is even more critical for low voltage motors, typically no controller is used since motor is connected directly to a battery, so some type of current limit or fusing should be considered.
- USDA approved white epoxy finish
- **Bodine/Baldor direct interchange**

TENV - 1.0 Service Factor - SCR Rated 90V

Output RPM	F.L Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	DC Arm. Volts	Full Load Amps DC	Over-hung Load (Lbs.)
14	341	1/8	M1125268.00	√	908	M31D25VZ1	P353-31	180	90	1.5	465
42	280	1/4	M1125269.00	√	940	M32D25VZ1	P353-32	58	90	2.6	327
83	155	1/4	M1125270.00	√	915	M32D25VZ2	P353-32	29	90	2.6	267
250	45	1/4	M1125271.00	√	915	M32D25VZ3	P352-32	10	90	2.6	201
500	25	1/4	M1125272.00	√	915	M32D25VZ4	P352-32	5	90	2.6	194

P	PB	X Inches	XL	XH
3.13	3.8	3.45	11.84	9.84
3.25	3.8	3.45	13.84	11.84
3.25	3.8	3.45	13.84	11.84
3.25	3.8	3.45	13.84	11.84
3.25	3.8	3.45	13.84	11.84

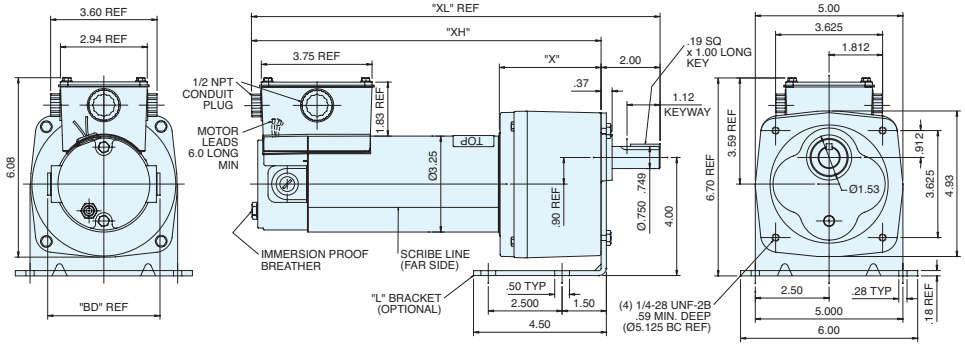
Specifications are subject to change without notice

PE350 Series Parallel Shaft - TENV - 1.0 Service Factor - Low Voltage 12V

Output RPM	F.L Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	DC Arm. Volts	Full Load Amps DC	Over-hung Load (Lbs.)
14	341	1/8	M1125273.00	√	930	M31D25VZ2	P353-31	180	12	12.0	465
42	325	1/4	M1125274.00	√	983	M32D25VZ5	P353-32	58	12	20.0	327

P	PB	X Inches	XL	XH
3.13	4.43	3.45	11.58	9.58
3.25	4.43	3.45	13.84	11.84

Specifications are subject to change without notice



View On-line Technical Information

Washguard® Motors

IP55 Washguard® Right Angle Gearmotors White Epoxy Painted

General Specifications - SCR rated Gearmotors:

- Performance matched for continuous duty service over 60:1 speed range
- Constant torque throughout the range when powered by a full-wave unfiltered SCR-type adjustable speed control having a typical form factor of 1.3 to 1.4

General Specifications - Low voltage Gearmotors:

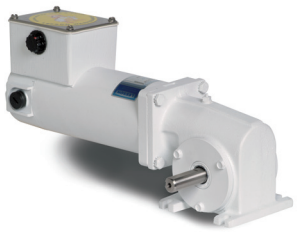
- Performance matched for continuous duty service
- Designed for battery power or can be used with a low voltage controller with form factor up to 1.05

Features:

- 303 stainless steel gearbox output shaft
- Frame, endshields, armature and interior components protected by enamel and polyester compounds for resistance to moisture, acids, alkalies and oil
- Cast conduit box with threaded conduit holes and Nitrile gaskets keep water out
- Conduit box cover is made from 304 stainless steel
- For any condensation that may accumulate inside the motor, a one-way stainless steel vapor vent is provided
- All hardware is stainless steel
- Painted with white epoxy for superior corrosion resistance and protection
- Machined fits between the endbells and motor frame are sealed with gaskets
- Thru-bolt heads and nuts sealed with fiber washers
- O-rings under each threaded brush cover
- Worm-type right-angle gearing features hardened, steel worm with bronze worm wheel for long life and quiet operation
- Precision machined aluminum gear housing
- Lubrication is permanent with an oil bath
- Gearbox has all ball bearings
- Output shaft is field interchangeable from left hand to right hand style by reassembly
- Double output shaft available as a factory option

Application Notes :

- These right-angle gearmotors have a lubrication breather positioned for horizontal mounting. For other mountings, the breather plug must be reoriented by using a 90 deg 1/8" NPT taper pipe elbow (See drawing). Elbow not available from LEESON
- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Overhung load capacities shown are at center of output shaft
- For additional information, see Bulletin 1830



Washguard® Motors

IP55 Washguard® Right Angle Gearmotors
White Epoxy Painted

TENV - 1.0 Service Factor - SCR Rated 90V

Output RPM	F.L Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	DC Arm. Volts	Full Load Amps DC	Over-hung Load (Lbs.)
42	80	1/8	M1125275.00	√	908	M31D25VZ3	13F60-31	60	90	2.2	235
250	25	1/8	M1125276.00	√	908	M31D25VZ4	13F10-31	10	90	2.2	235
62	135	1/4	M1125277.00	√	915	M32D25VZ6	13F40-32	40	90	3.7	235
125	90	1/4	M1125278.00	√	915	M32D25VZ7	13F20-32	20	90	3.7	235
250	50	1/4	M1125279.00	√	915	M32D25VZ8	13F10-32	10	90	3.7	235

P	PB	X Inches	XL	XH
3.13	3.8	4.5	10.86	6.36
3.13	3.8	4.5	10.86	6.36
3.25	3.8	4.5	12.86	8.36
3.25	3.8	4.5	12.86	8.36
3.25	3.8	4.5	12.86	8.36

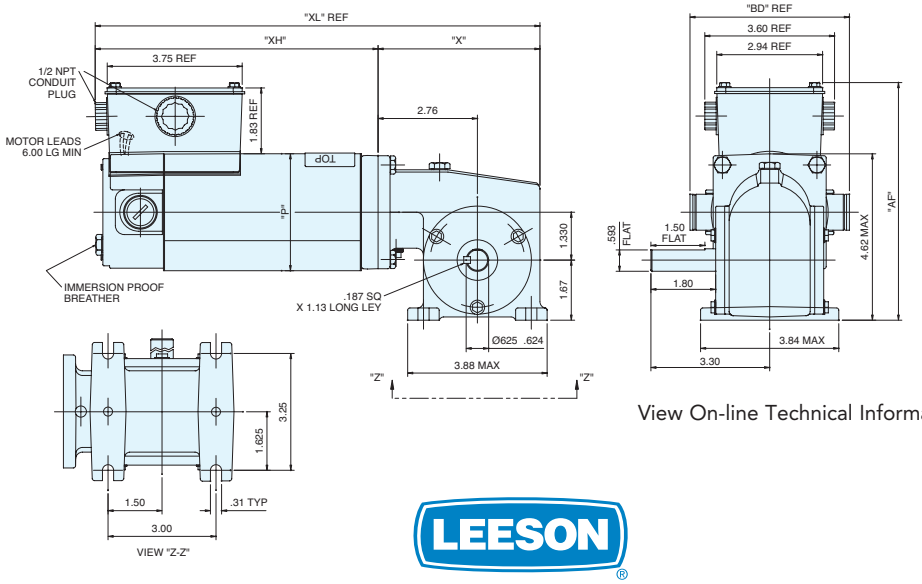
Specifications are subject to change without notice

PE350 Series Parallel Shaft - TENV - 1.0 Service Factor - Low Voltage 12V

Output RPM	F.L Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	DC Arm. Volts	Full Load Amps DC	Over-hung Load (Lbs.)
62	135	1/4	M1125280.00	√	869	M32D25VZ9	13F40-32	40	12	28.0	235
125	90	1/4	M1125281.00	√	869	M32D25VZ10	13F20-32	20	12	28.0	235

P	PB	X Inches	XL	XH
3.25	4.43	4.5	12.36	7.86
3.25	4.43	4.5	12.36	7.86

Specifications are subject to change without notice



View On-line Technical Information

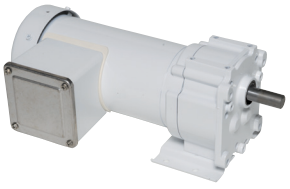
Washguard® Motors

IP55 AC Washguard® Gearmotors

Parallel Shaft - White Epoxy Painted

Features:

- Single phase PSC designs include capacitor inside conduit box
- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Shaft material coated with Teflon/Ceramic plating
- White epoxy painted motors
- O-rings and gaskets used for sealing
- Hardened Worm-type gearing used
- Interior components protected against corrosion
- Ball bearings used in gear housing
- Sealed output shafts
- Output shafts have needle bearings for high load capacities
- UL listed and CSA certified
- **Bison/Dayton direct interchange**



P240 series AC Washdown Duty Gearmotors

Output RPM	F.L Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Voltage	Phase	F.L. Amps @ 230 V	Over-hung Load (Lbs.)
16	391	5/32	M1145138.00	√	935	CM38P17FZ39	P240	103	115/230	1.0	1.05	399
40	219	5/32	M1145139.00	√	935	CM38P17FZ40	P240	43	115/230	1.0	1.00	303
156	60	5/32	M1145140.00	√	858	CM38P17FZ41	P240	10.6	115/230	1.0	1.00	201
16	391	1/6	M1145144.00	√	935	CM38T17FZ20	P240	103	230	3.0	0.72	237
30	295	1/6	M1145145.00	√	935	CM38T17FZ21	P240	58	230	3.0	0.72	237

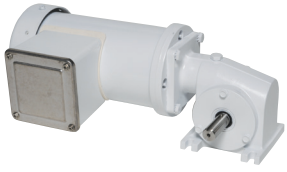
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Features:

- Single phase PSC designs include capacitor inside conduit box
- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Shaft material coated with Teflon/Ceramic plating
- White epoxy painted motors
- O-rings and gaskets used for sealing
- Hardened Worm-type gearing used
- Interior components protected against corrosion
- Ball bearings used in gear housing
- Sealed output shafts
- Output shafts have needle bearings for high load capacities
- UL listed and CSA certified



Right Angle Series AC Washdown Duty Gearmotors

Output RPM	F.L Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Voltage	Phase	F.L. Amps @ 230 V	Over-hung Load (Lbs.)
43	113	1/6	M1145141.00	√	785	CM38P17FZ42	Right-Angle	40	115/230	1	1.00	235
83	75	1/6	M1145142.00	√	963	CM38P17FZ43	Right-Angle	20	115/230	1	1.00	235
340	23	1/6	M1145143.00	√	963	CM38P17FZ44	Right-Angle	5	115/230	1	1.40	235
29	220	1/6	M1145146.00	√	963	CM38T17FZ22	Right-Angle	60	230	3	1.30	235
172	105	1/6	M1145147.00	√	963	CM38T17FZ23	Right-Angle	10	230	3	1.30	235

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

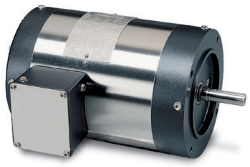
Washguard® Motors

Chemical Resistance Comparison

Chemical Name	% Concentration	Exposure	White Epoxy	Stainless Steel
Fresh Water	100	Continuous	Excellent	Excellent
Salt Water	5	Continuous	Excellent	Excellent
Salt Brine	Dilute	Continuous	Fair	Good
Ammonium Hydroxide	Dilute	Continuous	Good	Excellent
Calcium Hydroxide (Lime)	100	Intermittent	Good	Excellent
Citric Acid	10	Continuous	Good	Excellent
Ethylene Glycol	100	Continuous	Excellent	Excellent
Hydrochloric Acid	37	Intermittent	Good	Poor
Lactic Acid	Dilute	Intermittent	Excellent	Excellent
Lactic Acid	100	Intermittent	Fair	Fair
Mineral Spirits	100	Continuous	Excellent	Excellent
Potassium Hydroxide	50	Intermittent	Fair	Fair
Sodium Hydroxide	5	Continuous	Fair	Excellent
Sodium Hydroxide	20	Continuous	Fair	Excellent
Sodium Hydroxide	50	Continuous	Excellent	Excellent
Sodium Hypochlorite (Bleach)	15	Intermittent	Excellent	Excellent
Sulfuric Acid	10	Intermittent	Fair	Fair
Toluene	100	Continuous	Fair	Fair
Animal Fats	NA	Continuous	Excellent	Excellent
Mineral Oils	NA	Continuous	Excellent	Excellent
Vegetable Oils	NA	Continuous	Excellent	Excellent
Cutting Oils	NA	Continuous	Excellent	Excellent
Detergents	NA	Continuous	Excellent	Excellent
Gasoline	NA	Continuous	Fair	Fair
Hydraulic Fluid	NA	Continuous	Excellent	Excellent
Lubricating Oils	NA	Continuous	Excellent	Excellent
General Weathering	NA	Continuous	Fair	Excellent
Mold/Mildew	NA	Continuous	Excellent	Excellent
Light Abrasion	NA	Continuous	Excellent	Excellent
Heavy Abrasion	NA	Continuous	Fair	Excellent

LEESON®

Stainless Frame - Three Phase - Standard, EPAct & NEMA Premium Ratings



Typical applications include food processing areas requiring frequent sanitation procedures using high pressure cleaning with concentrated caustic solutions, areas of high humidity and in chemical environments.

Features:

- Paint free exterior
- BISSC certified for the Baking Industry
- Stainless Steel Output shafts
- Repositional drain plugs for all angle mounting
- Double Sealed bearings
- Output shaft seal
- Inverter Duty IRIS™ insulation system

Stainless Frame - TENV - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	114394.00	√	836	CZ6T17VC10	30	208-230/460	1.6	78.5	1.15	11.06	S, US, 12
3/4	1800	56C	114395.00	√	967	CZ6T17VC11	34	208-230/460	2.3	80.0	1.15	11.56	S, US, 12
1	1800	56C	114437.00	√	1,004	CZ6T17VC12	44	208-230/460	3.0	81.5	1.15	12.06	S, US, 12
	1800	143TC	121109.00	√	1,004	CZ143T17VC2	40	208-230/460	3.0	81.5	1.15	12.13	S, US, 12
1 1/2	1800	56C	114581.00	√	1,053	CZ6T17WC14	45	208-230/460	4.4	84.0	1.15	12.69	S, US, 13
	1800	145TC	G121350.00	√	1,053	CZ145T17WC29	45	208-230/460	4.4	82.5	1.15	13.25	S, US, 13
2	1800	56C	114582.00	√	1,195	CZ6T17WC11	51	208-230/460	5.6	84.0	1.15	13.69	S, US, 13
	1800	145TC	G121351.00	√	1,195	CZ145T17WC30	52	208-230/460	5.6	84.0	1.15	13.75	S, US, 13

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

Stainless Frame - TENV - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56HC	114560.00	√	845	CZ6T17VK3	34	208-230/460	1.6	78.5	1.15	11.56	S, US, 6, 12
3/4	1800	56HC	114561.00	√	977	CZ6T17VK4	38	208-230/460	2.3	80.0	1.15	12.06	S, US, 6, 12
1	1800	56HC	114562.00	√	1,015	CZ6T17VK5	45	208-230/460	2.3	81.5	1.15	12.06	S, US, 6, 12
	1800	143TC	121165.00	√	1,015	CZ143T17VK2	45	208-230/460	2.3	81.5	1.15	12.13	S, US, 12
1 1/2	1800	145TC	121912.00	√	1,165	CZ145T14KW40	47	208-230/460	4.4	86.5	1.15	13.25	S, US, 13
2	1800	145TC	121913.00	√	1,362	CZ145T14WK41	54	208-230/460	5.6	86.5	1.25	13.75	S, US, 13

Green items are Premium Efficient

♥ Note listing on inside back flap

Note 12 - TENV

Specifications are subject to change without notice

View On-line Technical Information

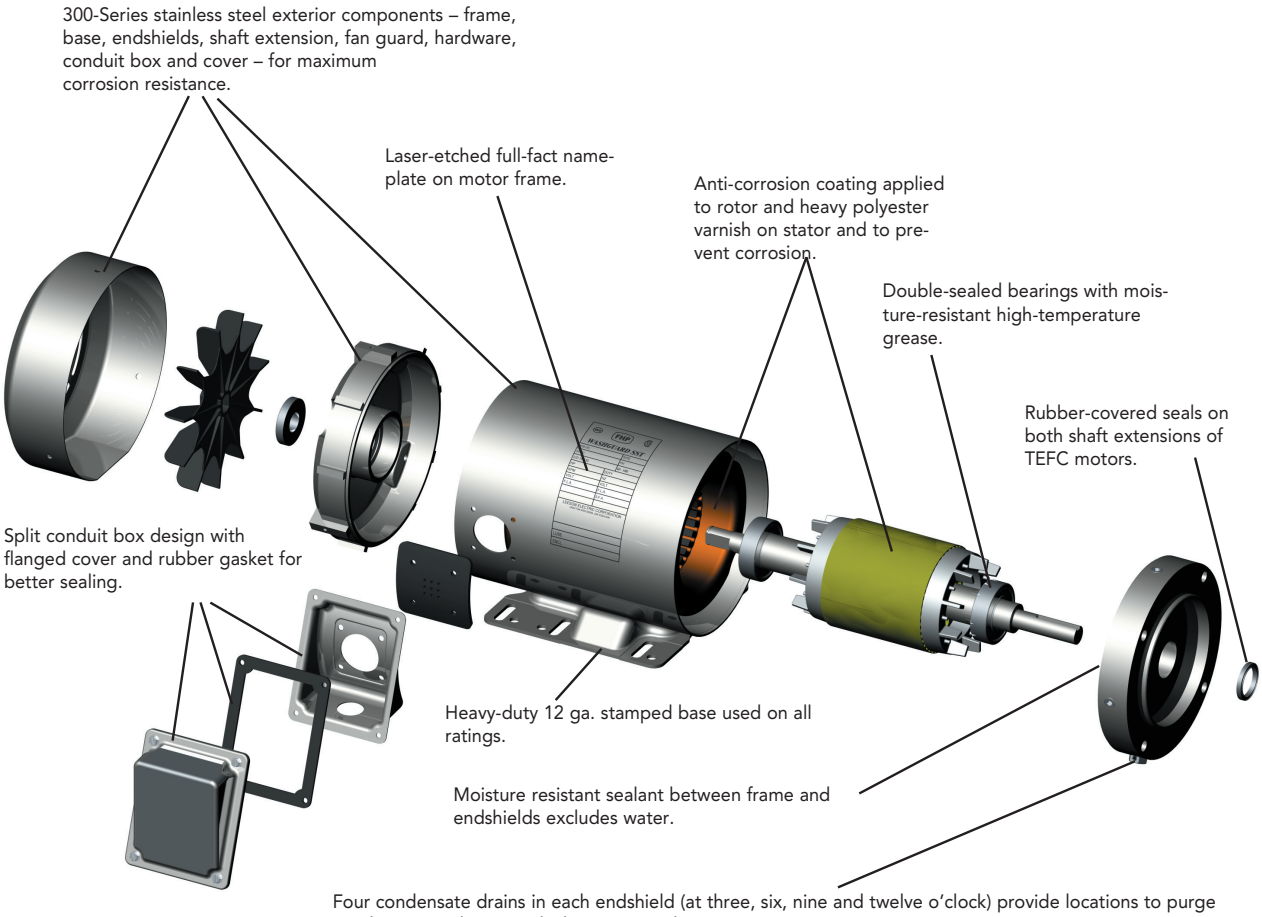
Washguard® Motors

SST - All Stainless Motors

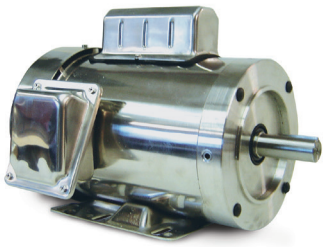
SST StainlessDuck

This member of LEESON's family of tough ducks is designed for long life in demanding washdown applications. LEESON's FHP WASHGUARD® SST All-Stainless motors are Stainless Steel Tough!

Built with all stainless steel external components to prevent corrosion and well sealed against moisture and condensation to protect internal components, the Washguard® SST all-stainless motors are able to withstand the severe washdown environments found in the food processing, chemical processing, and beverage industries.



Four condensate drains in each endshield (at three, six, nine and twelve o'clock) provide locations to purge condensate and water, which may enter the motor.
T-drains provided for effective drainage without allowing water to splash inside the motor. T-drain for opposite shaft end is installed at six o'clock position (and can be relocated easily). T-drain for shaft end is shipped loose for customer installation at low point of motor.



Single-Phase - TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	56C	191474.00	√	715	C6C34WK18	29.5	115/208-230	3.1	1.15	11.10	S, CN
	1800	56C	191475.00	√	806	C6C17WK14	31.5	115/208-230	4.1	1.15	11.10	S, CN
3/4	3600	56C	191476.00	√	787	C6C34WK19	31.5	115/208-230	4.5	1.15	11.80	S, CN
	1800	56C	191477.00	√	930	C6C17WK15	39.0	115/208-230	4.9	1.15	11.80	S, CN
1	3600	56C	191478.00	√	924	C6C34WK20	39.0	115/208-230	6.2	1.15	12.30	S, CN
	1800	56C	191479.00	√	971	C6C17WK16	42.5	115/208-230	6.8	1.15	12.30	S, CN
1 1/2	3600	56C	191480.00	√	1,017	C6K34WK2	42.5	115/208-230	8.8	1.15	13.20	S, CN
	1800	56C	191481.00	√	1,014	C6K17WK1	52.5	115/208-230	9.5	1.15	13.20	S, CN
2	3600	145TC	191482.00	√	1,311	C145K34WK2	64.5	115/208-230	10.8	1.15	14.20	S, CN
	1800	145TC	191483.00	√	1,286	C145K17WK3	64.5	115/208-230	9.0	1.15	14.20	S, CN

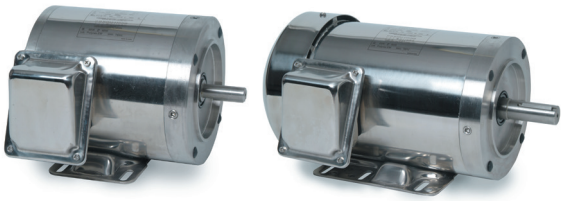
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Washguard® Motors

SST - All Stainless Motors



Three-Phase - TENV/TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	3600	56C	191200.00	D	685	C6T34NK26	29	208-230/460	1.0	74.0	1.15	9.78	S, CN, 12
	3600	56C	191200.40	√	685	C6T34NK32	29	208-230/460	1.0	74.0	1.15	9.78	S, CN, 12
	1800	56C	191201.00	D	767	C6T17NK29	30	208-230/460	1.3	78.5	1.15	9.78	S, CN, 12
	1800	56C	191201.40	√	767	C6T17NK40	30	208-230/460	1.3	78.5	1.15	9.78	S, CN, 12
1/2	3600	56C	191203.00	D	701	C6T34NK27	32	208-230/460	1.5	77.0	1.15	9.78	S, CN, 12
	3600	56C	191203.40	√	701	C6T34NK33	32	208-230/460	1.5	77.0	1.15	9.78	S, CN, 12
	1800	56C	191204.00	D	791	C6T17NK30	33	208-230/460	1.6	81.5	1.15	9.78	S, CN, 12
	1800	56C	191204.40	√	791	C6T17NK41	33	208-230/460	1.6	81.5	1.15	9.78	S, CN, 12
	1800	56C	191949.00	√	791	C6T17NK46	34	208-230/460	1.6	81.5	1.15	13.77	S, CN, 13
	1200	56C	191414.00	D	860	C6T11NK4	36	208-230/460	2.0	78.5	1.15	9.76	S, CN, 12
	1200	56C	191414.40	√	860	C6T11NK7	36	208-230/460	2.0	78.5	1.15	9.76	S, CN, 12
3/4	3600	56C	191206.00	D	770	C6T34NK28	33	208-230/460	2.0	78.5	1.15	9.78	S, CN, 12
	3600	56C	191206.40	√	770	C6T34NK34	33	208-230/460	2.0	78.5	1.15	9.78	S, CN, 12
	1800	56C	191207.00	D	910	C6T17NK31	38	208-230/460	2.3	82.5	1.15	9.78	S, CN, 12
	1800	56C	191207.40	√	910	C6T17NK48	38	208-230/460	2.3	82.5	1.15	9.78	S, CN, 12
	1800	56C	191950.00	√	910	C6T17WK40	39	208-230/460	2.3	82.5	1.15	13.77	S, CN, 13
	1200	56C	191415.00	D	989	C6T11NK5	49	208-230/460	3.0	80.0	1.15	11.30	S, CN, 12
	1200	56C	191415.40	√	989	C6T11NK8	49	208-230/460	3.0	80.0	1.15	11.30	S, CN, 12
1	3600	56HC	191209.00	√	904	C6T34FK85	41	208-230/460	2.6	80.0	1.15	13.77	S, CN, 6, 13
	3600	143TC	191486.00	√	1,127	C143T34WK10	42	208-230/460	2.6	80.0	1.15	13.62	S, CN, 13
	1800	56C	191291.00	D	949	C6T17NK38	46	208-230/460	3.0	81.5	1.15	11.00	S, CN, 12
	1800	56C	191291.40	√	949	C6T17NK49	46	208-230/460	3.0	81.5	1.15	11.00	S, CN, 12
	1800	56HC	191211.00	√	949	C6T17FK81	47	208-230/460	3.0	82.5	1.15	13.77	S, CN, 6, 13
	1800	143TC	191487.00	√	1,183	C143T17WK14	48	208-230/460	3.0	85.5	1.15	13.62	S, CN, 13
	1200	56HC	191417.00	√	1,035	C6T11NK6	49	208-230/460	3.8	82.5	1.15	13.10	S, CN, 13
	1200	145TC	191528.00	√	1,039	C6T11NK6	49	208-230/460	3.8	82.5	1.15	13.20	S, CN, 13
1 1/2	3600	56HC	191215.00	√	996	C6T34FK86	48	208-230/460	3.8	82.5	1.15	13.77	S, CN, 6, 13
	3600	143TC	191488.00	√	1,245	C143T34WK12	49	208-230/460	3.8	84.0	1.15	13.62	S, CN, 13
	1800	56HC	191217.00	√	989	C6T17FK82	48	208-230/460	4.8	84.0	1.15	13.77	S, CN, 6, 13
	1800	145TC	191489.00	√	1,233	C145T17WK35	49	208-230/460	4.8	86.5	1.15	13.62	S, CN, 13
2	3600	56HC	191221.00	√	1,104	C6T34FK87	49	208-230/460	5.0	84.0	1.15	13.77	S, CN, 6, 13
	3600	145TC	191490.00	√	1,490	C145T34WK26	50	208-230/460	5.0	85.5	1.15	13.62	S, CN, 13
	1800	56HC	191223.00	√	1,130	C6T17FK83	52	208-230/460	5.8	84.0	1.15	13.77	S, CN, 6, 13
	1800	145TC	191491.00	√	1,463	C145T17WK37	53	208-230/460	5.8	86.5	1.15	13.62	S, CN, 13
3	3600	145TC	191492.00	√	1,599	C145T34WK21	62	208-230/460	7.4	86.5	1.15	14.12	S, CN, 13

Green items are Premium Efficient

♥ Note listing on inside back flap

D - To be discontinued when inventory is depleted

Note 12 - TENV

Specifications are subject to change without notice

View On-line Technical Information

Three Phase - TENV/TEFC - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	191202.00	D	761	C6T17NC328	30	208-230/460	1.3	78.5	1.15	9.78	S, CN, 12
	1800	56C	191202.40	√	761	C6T17NC320	30	208-230/460	1.3	78.5	1.15	9.78	S, CN, 12
1/2	1800	56C	191205.00	D	778	C6T17NC329	33	208-230/460	1.6	81.5	1.15	9.78	S, CN, 12
	1800	56C	191205.40	√	778	C6T17NC321	33	208-230/460	1.6	81.5	1.15	9.78	S, CN, 12
	1800	56C	191507.00	√	778	C6T17WC39	34	208-230/460	0.8	78.0	1.15	11.20	S, CN, 13
	1200	56C	191419.00	D	849	C6T11NC42	35	208-230/460	2.0	78.5	1.15	9.76	S, CN, 12
	1200	56C	191419.40	√	849	C6T11NC48	35	208-230/460	2.0	78.5	1.15	9.76	S, CN, 12
3/4	1800	56C	191208.00	D	908	C6T17NC298	38	208-230/460	2.3	82.5	1.15	9.78	S, CN, 12
	1800	56C	191208.40	√	908	C6T17NC322	38	208-230/460	2.3	82.5	1.15	9.78	S, CN, 12
	1800	56C	191508.00	√	908	C6T17WC40	39	208-230/460	1.1	80.0	1.15	11.20	S, CN, 13
	1200	56C	191420.00	D	987	C6T11NC43	47	208-230/460	3.0	80.0	1.15	11.30	S, CN, 12
	1200	56C	191420.40	√	987	C6T11NC49	47	208-230/460	3.0	80.0	1.15	11.30	S, CN, 12
1	1800	56C	191290.00	D	946	C6T17NC310	45	208-230/460	3.0	81.5	1.15	11.00	S, CN, 12
	1800	56C	191290.40	√	946	C6T17NC323	45	208-230/460	3.0	81.5	1.15	11.00	S, CN, 12
	1800	56C	191213.00	√	946	C6T17FC177	47	208-230/460	3.0	82.5	1.15	13.77	S, CN, 13
	1800	143TC	G191214.00	√	974	143T17WC12	47	208-230/460	3.0	82.5	1.15	13.62	S, CN, 13
	1200	56C	191421.00	√	1,032	C6T11NC44	47	208-230/460	3.8	82.5	1.15	13.10	S, CN, 13
1 1/2	1800	56C	191219.00	√	987	C6T17FC178	48	208-230/460	4.8	84.0	1.15	13.77	S, CN, 13
	1800	145TC	G191220.00	√	1,016	C145T17WC37	48	208-230/460	4.8	84.0	1.15	13.62	S, CN, 13
2	1800	56C	191225.00	√	1,124	C6T17FC179	52	208-230/460	5.8	84.0	1.15	13.77	S, CN, 13
	1800	145TC	G191226.00	√	1,158	145T17WC38	52	208-230/460	5.8	84.0	1.15	13.62	S, CN, 13
3	3600	145TC	G191542.00	√	1,275	C145T34WC8	60	208-230/460	7.4	85.5	1.15	14.12	S, CN, 13

D - To be discontinued when inventory is depleted

♥ Note listing on inside back flap

Note 12 - TENV

Specifications are subject to change without notice

View On-line Technical Information

Washguard® Motors

Premium - All Stainless Motors
Single Phase & Three Phase

General Specifications:

Designed specifically to meet the demanding sanitation requirements of the pharmaceutical, food processing and beverage industries. These motors are also ideal in clean room and severe chemical-processing applications involving frequent washdown with nitric acid and caustic lye. In fact, WASHGUARD All-Stainless Motors include IEEE 841 severe-duty features right out of the box! Motors have been tested to and passed the IEC IP-56 test requirements.

Mechanical Protection Features:

- All exterior components are 300-series stainless steel
- Nothing on the motor's exterior is painted or coated in any way
- All sealing components are Viton® for superior chemical resistance
- Full fact nameplate is laser etched on the motor frame – no separately attached nameplate to trap dirt or contaminants
- Endshields are O-ring sealed to the frame
- Double lip shaft seals on both ends of TEFC motors (shaft end only on TENV motors)
- Removable hydrophobic breathers in opposite shaft endbell and conduit box equalize pressure without allowing moisture to enter
- Exterior fastener use minimized reducing the number of entry points for moisture. There are no holes in the frame for attaching a nameplate. Bearing lock screws are located inside the motor and the conduit box mounted screws have been eliminated
- Double-sealed bearings are pre-lubricated with moisture-resistant high-temperature grease for long life
- Interior coatings applied to rotor and stator protect against corrosion
- New conduit box mounting system provides optimum sealing
- Ease to clean construction is BISSC Certified for bakery applications

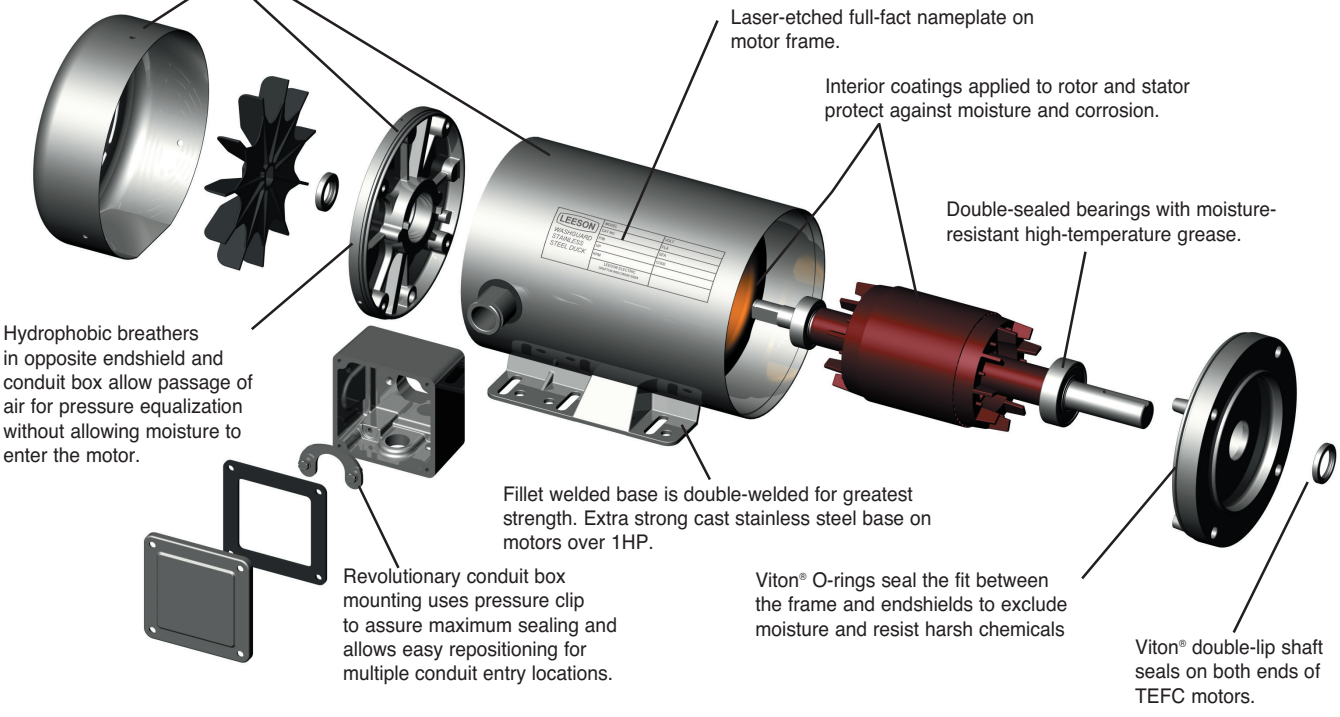
Electrical Performance and Protestion Features:

- WASHGUARD efficiencies meet EPAct mandates for non-exempt motors when tested without shaft seals.
- Windings are immersed and cured in polyester insulating varnish for extra moisture-resistance
- LEESON's exclusive IRIS™ Inverter-Rated Insulation System provides extra protection and long life, especially in inverter-driven applications
- Single-phase motors use Solid State Sinpac® switch – no mechanical switch contacts to corrode and fail.
- All Washdown Duty motors have Class F Insulation

Standards and Approvals:

- Single and three phase motors are UL component recognized – file number E57948, guide number PRGY2.
- CSA Energy Efficiency Verification Program, report number EEV 78720-1
- Construction is CSA Certified for safety report number LR33543 and listed under BISSC authorization number 769

Premium StainlessDuck



Washguard® Motors

Premium - All-Stainless Motors

Three Phase - TENV/TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	56HC	117269.00	√	1,364	CZ6T34VK19	35	208-230/460	1.6	82.5	1.15	10.47	S, US, 12
	1800	S56C	103387.00	√	1,368	CZ4T17VK2	31	208-230/460	1.8	76.0	1.15	11.49	S, US, 12
	1800	56HC	117266.00	√	1,462	CZ6T17VK46	35	208-230/460	1.6	78.5	1.15	11.22	S, US, 12
	1800	56HC	117762.00	√	1,462	CZ6T17VK52	36	208-230/460	1.8	78.5	1.15	13.13	S, US, 13
	1200	56HC	117275.00	√	1,823	CZ6T11VK5	35	208-230/460	2.3	77.0	1.15	11.47	S, US, 12
3/4	3600	56HC	117271.00	√	1,413	CZ6T34VK20	40	208-230/460	2.4	84.0	1.15	10.97	S, US, 12
	1800	S56C	103388.00	√	1,419	CZ4T17WK1	28	208-230/460	2.4	77.0	1.15	12.50	S, US, 13
	1800	56HC	117267.00	√	1,517	CZ6T17VK47	41	208-230/460	2.3	80.0	1.15	11.72	S, US, 12
	1200	56HC	117276.00	√	1,884	CZ6T11VK6	46	208-230/460	3.0	78.5	1.15	13.22	S, US, 12
1	3600	56HC	117273.00	√	1,546	CZ6T34VK21	43	208-230/460	2.6	85.5	1.15	13.04	S, US, 12
	1800	56HC	115635.00	√	1,552	CZ6T17VK8	44	208-230/460	3.0	81.5	1.15	13.54	S, US, 6, 12
	1800	56HC	117286.00	√	1,596	CZ6T17WK28	39	208-230/460	3.1	82.5	1.15	11.19	S, US, 13
	1800	143TC	121795.00	√	1,552	CZ143T17VK8	44	208-230/460	3.0	81.5	1.15	13.02	S, US, 12
	1800	143TC	121873.00	√	1,835	CZ143T17WK12	50	208-230/460	3.2	85.5	1.15	12.00	S, US, 13
	1200	56HC	117277.00	√	1,930	CZ6T11WK7	48	208-230/460	4.0	77.0	1.15	11.94	S, US, 13
1 1/2	3600	143TC	121874.00	√	1,850	CZ143T34WK7	45	208-230/460	4.0	84.0	1.15	11.75	S, US, 13
	1800	56HC	117284.00	√	1,632	CZ6T17WK26	49	208-230/460	4.4	84.0	1.15	11.94	S, US, 13
	1800	145TC	121875.00	√	1,877	CZ145T17WK32	49	208-230/460	4.8	86.5	1.15	12.75	S, US, 13
	1200	56HC	117278.00	√	2,007	CZ6T11WK8	51	208-230/460	5.4	80.0	1.15	13.19	S, US, 13
2	3600	145TC	121876.00	√	2,196	CZ145T34WK18	49	208-230/460	4.8	85.5	1.25	12.75	S, US, 13
	1800	56HC	117285.00	√	1,930	CZ6T17WK27	50	208-230/460	5.6	84.0	1.15	12.69	S, US, 13
	1800	145TC	121877.00	√	2,219	CZ145T17WK33	50	208-230/460	5.8	86.5	1.25	13.25	S, US, 13
3	3600	145TC	121878.00	√	2,642	CZ145T34WK27	53	208-230/460	8.0	86.5	1.15	13.69	S, US, 13
	3600	182TC	132203.00	√	2704	CZ182T34WK2	85	208-230/460	7.6	86.5	14.27	S, MX	S, MX, 13
	1800	182TC	132206.00	√	2,787	C184T17WK14	85	208-230/460	7.8	89.5	1.15	14.77	S, MX, 13
5	3600	184TC	132207.00	√	3,159	C184T34WK11	90	208-230/460	12.0	88.5	1.25	15.27	S, MX, 13
	1800	184TC	132208.00	√	3,091	C184T17WK16	96	208-230/460	12.6	89.5	1.15	15.77	S, MX, 13
7 1/2	3600	213TC	140825.00	√	4,397	C213T34WK4	160	208-230/460	17.8	89.5	1.15	18.69	S, MX, 13
	1800	213TC	140826.00	√	4,963	C213T17WK10	160	208-230/460	21.6	91.7	1.15	18.69	S, MX, 13
10	3600	215TC	140827.00	√	4,521	C215T34WK11	165	208-230/460	23.6	90.2	1.15	18.69	S, MX, 13
	1800	215TC	140828.00	√	5,112	C215T17WK10	173	208-230/460	26.8	91.7	1.15	18.69	S, MX, 13

Green items are Premium Efficient

♥ Note listing on inside back flap

Note 12 - TENV

Specifications are subject to change without notice

View On-line Technical Information

Three Phase - TENV/TEFC - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	48C	103393.00	√	1,157	CZ4T17VC7	25	208-230/460	1.3	70.5	1.15	9.83	S, US, 12
1/2	3600	56C	117279.00	√	1,339	CZ6T34VC22	35	208-230/460	1.6	82.5	1.15	10.47	S, US, 12
	1800	48C	103394.00	√	1,182	CZ4T17VC3	27	208-230/460	1.8	76.0	1.15	11.58	S, US, 12
	1800	S56C	103389.00	√	1,352	CZ4T17VC4	30	208-230/460	1.8	76.0	1.15	11.49	S, US, 12
	1800	56C	117270.00	√	1,433	CZ6T17VC56	34	208-230/460	1.6	78.5	1.15	11.22	S, US, 12
3/4	3600	56C	117280.00	√	1,385	CZ6T34VC23	40	208-230/460	2.4	84.0	1.15	10.97	S, US, 12
	1800	S56C	103390.00	√	1,383	CZ4T17WC1	33	208-230/460	2.4	77.0	1.15	12.50	S, US, 13
	1800	56C	117272.00	√	1,479	CZ6T17VC57	40	208-230/460	2.3	80.0	1.15	11.72	S, US, 12
1	3600	56C	117281.00	√	1,518	CZ6T34VC24	43	208-230/460	2.6	85.5	1.15	12.22	S, US, 12
	1800	56C	117274.00	√	1,527	CZ6T17VC58	44	208-230/460	3.0	81.5	1.15	12.72	S, US, 12
	1800	56HC	117287.00	√	1,527	CZ6T17WC30	45	208-230/460	3.1	82.5	1.15	11.19	S, US, 13
	1800	143TC	121796.00	√	1,527	CZ143T17VC9	44	208-230/460	3.0	81.5	1.15	13.02	S, US, 12
	1800	143TC	G121659.00	√	1,527	CZ143T17WC13	51	208-230/460	3.1	82.5	1.15	11.25	S, US, 13
1 1/2	3600	143TC	G121560.00	√	1,528	CZ143T34WC7	52	208-230/460	4.0	82.5	1.15	11.25	S, US, 13
	1800	56C	117282.00	√	1,557	CZ6T17WC28	49	208-230/460	4.4	84.0	1.15	11.94	S, US, 13
	1800	145TC	G121525.00	√	1,557	CZ145T17WC39	55	208-230/460	4.4	84.0	1.15	12.50	S, US, 13
2	3600	145TC	G121561.00	√	1,875	CZ145T34WC20	54	208-230/460	5.2	84.0	1.15	12.50	S, US, 13
	1800	56C	117283.00	√	1,889	CZ6T17WC29	49	208-230/460	5.6	84.0	1.15	12.69	S, US, 13
	1800	145TC	G121527.00	√	1,889	CZ145T17WC40	60	208-230/460	5.6	84.0	1.15	12.75	S, US, 13
3	3600	145TC	G121562.00	√	2,255	CZ145T34WC21	55	208-230/460	7.6	85.5	1.15	12.75	S, US, 13
	1800	182TC	G131923.00	√	2,272	C182T17WC10	88	208-230/460	8.6	87.5	1.15	14.77	S, MX, 13
5	3600	184TC	G131949.00	√	2,575	C184T34WC8	98	208-230/460	12.0	87.5	1.15	14.77	S, MX, 13
	1800	184TC	G131924.00	√	2,592	C184T17WC9	102	208-230/460	13.0	87.5	1.15	15.27	S, MX, 13

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Washguard® Motors

Premium All Stainless Motors with Shaft Grounding Rings (SGRs)

General Specifications:
Same design features as our standard Premium Stainless and Extreme Duck motors only having a built-in Shaft Grounding Ring that are designed to protect motors that are used in applications that are using AC inverters to control the speed of the motors. They eliminate the stray voltages that may damage the motor's bearings.

Premium Washguard® All-Stainless Motors
With Shaft Grounding Rings (SGRs)

Three Phase • Standard, EPAct & NEMA Premium Ratings
Three-Phase • TENV/TEFC • C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56HC	117901.00	√	1,557	CZ6T17VK53	35	208-230/460	1.6	78.5	1.15	12.54	S, US, 12
3/4	1800	56HC	117902.00	√	1,609	CZ6T17VK54	41	208-230/460	2.3	80.0	1.15	13.04	S, US, 12
1	1800	56HC	117903.00	√	1,685	CZ6T17WK38	39	208-230/460	3.1	82.5	1.15	13.13	S, US, 12
	1800	143TC	122029.00	√	1,643	CZ143T17VK10	44	208-230/460	3.0	81.5	1.15	13.61	S, US, 12
1 1/2	1800	56HC	117904.00	√	1,720	CZ6T17WK40	49	208-230/460	4.4	84.0	1.15	13.63	S, US, 13
	1800	145TC	122030.00	√	1,957	CZ145T17WK52	49	208-230/460	4.4	86.5	1.15	13.69	S, US, 13
2	1800	56HC	117905.00	√	2,009	CZ6T17WK39	50	208-230/460	5.6	84.0	1.15	13.63	S, US, 13
	1800	145TC	122031.00	√	2,288	CZ145T17WK53	50	208-230/460	5.6	86.5	1.25	13.69	S, US, 13

Green items are Premium Efficient

♥ Note listing on inside back flap

Note 12 - TENV

Specifications are subject to change without notice

View On-line Technical Information

Single Phase - TENV/TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56HC	116343.00	√	1,530	NZ6C17VK1	35	115/208-230	2.7	1.15	12.20	S, US, 6, 12
1/2	3600	56HC	116344.00	√	1,514	NZ6C34VK2	38	115/208-230	3.8	1.15	12.20	S, US, 6, 12
	1800	56HC	116345.00	√	1,552	NZ6C17VK2	38	115/208-230	3.3	1.15	12.70	S, US, 6, 12
3/4	1800	56HC	116346.00	√	1,640	NZ6K17VK2	42	115/208-230	3.8	1.15	12.70	S, US, 6, 12
1	3600	56HC	116347.00	√	1,717	NZ6C34VK1	49	115/208-230	6.0	1.15	13.70	S, US, 6, 12
	1800	56HC	116348.00	√	1,706	NZ6K17VK1	49	115/208-230	4.5	1.15	13.70	S, US, 6, 12
1 1/2	3600	56HC	116482.00	√	1,799	CZ6K34WK1	49	115/208-230	6.8	1.15	13.81	S, US, 13
	1800	145TC	121622.00	√	1,773	CZ145K17WK2	53	115/208-230	7.4	1.15	14.81	S, US, 13
2	3600	145TC	121623.00	C/A	1,965	CZ145K34WK1	57	115/208-230	8.8	1.15	14.81	S, US, 13
	1800	145TC	121632.00	C/A	2,045	CZ145K17WK1	57	115/208-230	10.0	1.15	14.81	S, US, 13

Note 12 - TENV

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

Single Phase - TENV/TEFC - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	116349.00	√	1,497	NZ6C17VC1	35	115/208-230	2.7	1.15	11.70	S, US, 12
1/2	1800	56C	116350.00	√	1,526	NZ6C17VC2	38	115/208-230	3.3	1.15	12.70	S, US, 12
3/4	1800	56C	116351.00	√	1,607	CZ6K17VC2	42	115/208-230	3.8	1.15	12.70	S, US, 12
1	1800	56C	116352.00	√	1,664	CZ6K17VC1	49	115/208-230	4.5	1.15	13.70	S, US, 12
1 1/2	1800	145TC	121624.00	√	1,690	CZ145K17WC2	53	115/208-230	7.4	1.15	14.87	S, US, 13
2	1800	145TC	121633.00	C/A	1,944	CZ145K17WC1	57	115/208-230	10.0	1.15	14.87	S, US, 13

Note 12 - TENV

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Washguard® Motors

Stainless Steel Brakemotors & JM Pump Motors

Stainless Steel Brakemotors

Three Phase - TENV - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	3	116483.00	√	5,348	CZ6T17VK31	59	208-230/460	1.6	78.5	1.15	15.85	S, US, 12
1	1800	56C	6	116484.00	√	5,634	CZ6T17VK32	69	208-230/460	3.0	81.5	1.15	15.85	S, US, 12

Specifications are subject to change without notice

♥ Note listing on inside back flap

Stainless Steel JM Pump Motors

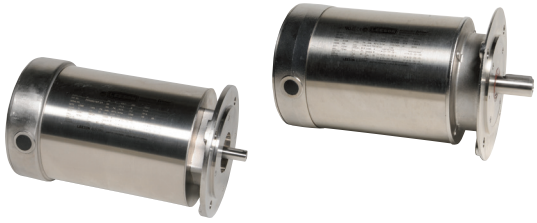
Three Phase - TEFC - JM Pump - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1	1800	143JM	G121626.00	√	1,589	CZ143T17WK18	55	208-230/460	3.0	82.5	1.15	16.00	S, US
1 1/2	3600	143JM	G121627.00	√	1,590	CZ143T34WK11	55	208-230/460	4.0	82.4	1.15	16.00	S, US
	1800	145JM	G121628.00	√	1,622	CZ145T17WK45	56	208-230/460	4.4	84.0	1.15	16.00	S, US
2	3600	145JM	G121629.00	√	1,889	CZ145T34WK24	56	208-230/460	5.2	84.0	1.15	16.00	S, US
	1800	145JM	G121630.00	√	1,909	CZ145T17WK46	57	208-230/460	5.6	84.0	1.15	16.50	S, US
3	3600	145JM	G121631.00	√	2,271	CZ145T34WK25	57	208-230/460	7.6	85.5	1.15	16.50	S, US
	1800	182JM	G131996.00	√	2,402	C182T17WK16	85	208-230/460	8.2	87.5	1.15	16.20	S, MX
5	3600	184JM	G131997.00	√	2,649	C184T34WK14	90	208-230/460	12.0	87.5	1.15	16.20	S, MX
	1800	184JM	G131998.00	√	2,664	C184T17WK18	96	208-230/460	13.0	87.5	1.15	16.77	S, MX
7 1/2	3600	213JM	G140740.00	√	4,035	C213T34WK5	160	208-230/460	18.4	88.5	1.15	16.81	S, MX
	1800	213JM	G140741.00	√	4,122	C213T17WK14	162	208-230/460	20.4	89.5	1.15	19.81	S, MX
10	3600	215JM	G140742.00	√	4,176	C215T34WK12	165	208-230/460	24.0	89.5	1.15	19.81	S, MX
	1800	215JM	G140743.00	√	4,252	C215T17WK13	173	208-230/460	26.0	89.5	1.15	19.81	S, MX

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information



IEC B5 Flange - Round Body - Three Phase - TENV/TEFC

HP / kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3-0.25	1800	71	103403.00	√	1,414	CZ4T17VZ16	30	208-230/460	1.3	70.5	1.15	9.87	S, US, 12
	1800	80	103405.00	√	1,414	CZ4T17VZ17	30	208-230/460	1.3	70.5	1.15	9.87	S, US, 12
1/2-0.37	1800	71	103404.00	√	1,462	CZ4T17VZ6	32	208-230/460	1.6	76.0	1.15	11.62	S, US, 12
	1800	80	103406.00	√	1,462	CZ4T17VZ7	32	208-230/460	1.6	76.0	1.15	11.62	S, US, 12
3/4-0.55	1800	80	103407.00	√	1,550	CZ4T17WZ9	38	208-230/460	2.3	77.0	1.15	12.26	S, US, 13
1- 0.75	1800	90	117516.00	√	1,647	CZ6T17WC44	45	208-230/460	3.1	82.5	1.15	13.13	S, US, 13
1.5 - 1.1	1800	90	117517.00	√	1,738	CZ6T17WC46	49	208-230/460	4.4	84.0	1.15	13.63	S, US, 13
2 - 1.5	1800	90	117518.00	√	1,930	CZ6T17WC45	49	208-230/460	5.6	84.0	1.15	13.63	S, US, 13

Note 12 - TENV

Specifications are subject to change without notice

♥ Note listing on inside back flap

IEC B14 Flange - Round Body - Three Phase - Totally Enclosed

HP / kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3-0.25	1800	71	103395.00	√	1,414	CZ4T17VZ13	30	208-230/460	1.3	70.5	1.15	9.83	S, US, 12
	1800	80	103397.00	√	1,414	CZ4T17VZ14	30	208-230/460	1.3	70.5	1.15	9.72	S, US, 12
1/2-0.37	1800	71	103396.00	√	1,462	CZ4T17VZ3	32	208-230/460	1.6	76.0	1.15	11.58	S, US, 12
	1800	80	103398.00	√	1,462	CZ4T17VZ4	32	208-230/460	1.6	76.0	1.15	11.58	S, US, 12
3/4-0.55	1800	80	103399.00	√	1,550	CZ4T17WZ7	38	208-230/460	2.3	77.0	1.15	12.48	S, US, 13

Note 12 - TENV

Specifications are subject to change without notice

♥ Note listing on inside back flap

IEC B3/ B5 Flange - Rigid Base - Three Phase - Totally Enclosed

HP / kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3-0.25	1800	80	103408.00	√	1,438	CZ4T17VZ18	30	208-230/460	1.3	70.5	1.15	9.50	S, US, 12
1/2-0.37	1800	80	103409.00	√	1,483	CZ4T17VZ8	32	208-230/460	1.6	76.0	1.15	12.75	S, US, 12
3/4-0.55	1800	80	103410.00	√	1,581	CZ4T17WZ10	38	208-230/460	2.3	77.0	1.15	12.26	S, US, 13

Note 12 - TENV

Specifications are subject to change without notice

♥ Note listing on inside back flap

IEC B3 / B14 Flange - Rigid Base - Three Phase - Totally Enclosed

HP / kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3-0.25	1800	80	103400.00	√	1,462	CZ4T17VZ15	31	208-230/460	1.3	70.5	1.15	9.72	S, US, 12
1/2-0.37	1800	80	103401.00	√	1,615	CZ4T17VZ5	33	208-230/460	1.6	76.0	1.15	11.58	S, US, 12
3/4-0.55	1800	80	103402.00	√	1,673	CZ4T17WZ8	39	208-230/460	2.3	77.0	1.15	12.48	S, US, 13

Note 12 - TENV

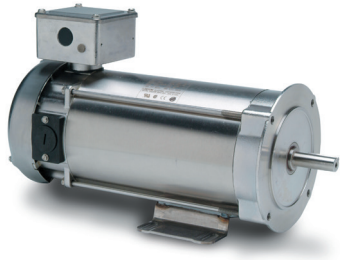
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Washguard® Motors

NEMA and IEC Washguard®
All-Stainless DC Motors - SCR Rated
IP 55 Enclosure Protection



TEFC - SCR Rated 90 & 180V - NEMA - C Face With Base

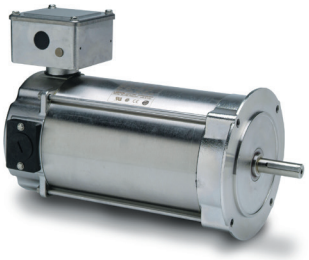
HP	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/4	1750	S56C	109065.00	√	1,380	4D17VK24	38	90	115	3.1	11.81	S, US, 12
1/3	1750	S56C	109066.00	√	1,459	4D17VK25	44	90	115	3.8	12.81	S, US, 12
	1750	S56C	109067.00	√	1,459	4D17VK26	44	180	230	1.9	12.81	S, US, 12
1/2	1750	S56C	109069.00	√	1,705	4D17WK9	46	90	115	5.2	13.87	S, US, 13
	1750	S56C	109070.00	√	1,705	4D17WK10	46	180	230	2.7	13.87	S, US, 13
3/4	1750	S56C	109072.00	√	2,076	4D17WK13	47	90	115	7.5	15.37	S, US, 13
	1750	S56C	109073.00	√	2,076	4D17WK14	48	180	230	3.7	15.37	S, US, 13
1	1750	S56C	109075.00	√	2,408	4D17WK16	51	90	115	9.5	16.37	S, US, 13
	1750	S56C	109076.00	√	2,408	4D17WK17	50	180	230	5.0	16.37	S, US, 13

Base is welded to frame and not removable

♥ Note listing on inside back flap

Note 12 - TENV

Specifications are subject to change without notice



TEFC - SCR Rated 90 & 180V • NEMA - C Face Less Base

HP	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/4	1750	S56C	109078.00	√	1,347	4D17VC5	38	90	115	3.1	11.81	S, US, 12
1/3	1750	S56C	109079.00	√	1,427	4D17VC6	44	90	115	3.8	12.81	S, US, 13
	1750	S56C	109080.00	√	1,427	4D17VC7	44	180	230	1.9	12.81	S, US, 13
1/2	1750	S56C	109082.00	√	1,673	4D17WC2	46	90	115	5.2	13.87	S, US, 13
	1750	S56C	109083.00	√	1,673	4D17WC3	46	180	230	2.7	13.87	S, US, 13
3/4	1750	S56C	109085.00	√	2,044	4D17WC5	47	90	115	7.5	15.37	S, US, 13
	1750	S56C	109086.00	√	2,044	4D17WC6	48	180	230	3.7	15.37	S, US, 13
1	1750	S56C	109088.00	√	2,378	4D17WC8	51	90	115	9.5	16.37	S, US, 13
	1750	S56C	109089.00	√	2,378	4D17WC9	50	180	230	5.0	16.37	S, US, 13

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

TEFC - SCR Rated 90 & 180V - C Face With Base

HP/kW	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/3 - 0.25	1750	80D	109068.00	√	1,459	4D17VK27	44	180	230	1.9	12.81	S, US, 12
1/2 - 0.37	1750	80D	109071.00	√	1,705	4D17WK11	46	180	230	2.7	13.87	S, US, 13
3/4 - 0.55	1750	80D	109074.00	√	2,076	4D17WK15	48	180	230	3.7	15.37	S, US, 13
1 - 0.75	1750	80D	109077.00	√	2,408	4D17WK18	50	180	230	5.0	16.37	S, US, 13

Note 12 - TENV
Base is welded to frame and not removable
Specifications are subject to change without notice

♥ Note listing on inside back flap

TEFC - SCR Rated 90 & 180V - Metric (IEC) - All-Stainless Steel - C Face Less Base

HP/kW	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/3 - 0.25	1750	80D	109081.00	√	1,427	4D17VC8	44	180	230	1.9	12.81	S, US, 12
1/2 - 0.37	1750	80D	109084.00	√	1,673	4D17WC4	46	180	230	2.7	13.87	S, US, 13
3/4 - 0.55	1750	80D	109087.00	√	2,044	4D17WC7	48	180	230	3.7	15.37	S, US, 13
1 - 0.75	1750	80D	109090.00	√	2,378	4D17WC10	50	180	230	5.0	16.37	S, US, 13

Note 12 - TENV

Specifications are subject to change without notice

♥ Note listing on inside back flap

Flange And Face Kits For DC Metric (IEC) Frame Motors

The modular design concept of LEESON's other metric DC motors has been applied to the all-stainless metric motors. Any flange or face kit can mount on any motor. This allows the greatest flexibility from the smallest inventory of motors.

B5 Flange Kits (For Stainless DC Metric Motors)

IEC Frame	Catalog Number	List Price	App. Wgt. (lbs)	BD Flange Dia. (mm)	AK Register (mm)	BF Hole (mm)	AJ Bolt Circle (mm)
71	175593.00	184	2	160	110	9	130
80	175594.00	222	3	200	130	12	165
90S/90L	175594.00	222	3	200	130	12	165
100L/112M	175595.00	346	5	250	180	15	215

Specifications are subject to change without notice

♥ Note listing on inside back flap

B14 Flange Kits (For Stainless DC Metric Motors)

IEC Frame	Catalog Number	List Price	App. Wgt. (lbs)	BD Flange Dia. (mm)	AK Register (mm)	BF Hole (mm)	AJ Bolt Circle (mm)
71	175596.00	140	1	105	70	6	85
80	175597.00	140	1	120	80	6	100
90S/90L	175598.00	381	1	140	95	6	115
100L/112M	175599.00	346	2	160	110	6	130

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Washguard® Motors

Extreme Duck Washguard® All-Stainless Motors Three Phase - Standard, EPAct & NEMA Premium Ratings

General Specifications: These Revolutionary Designed Stainless Steel Motors are built using our "Voice of the customer" design criteria to withstand extreme washdown and sanitation requirements of the food processing, pharmaceutical, packaging and beverage industries. Our Innovative Hydro Sealed System "HS²™" protects from the "outside-in" by reducing entrance points of contaminants and eliminates the need for drain plugs and breathers. This proven process also minimizes exterior hardware, which may trap application elements. Our unique Rotor/Cartridge Seal System, "Q-CAR™" gives quick access to the interior of the motor should the need arise. 300-Series Stainless Steel used on all exterior surfaces gives ideal protection against severe chemical-processing applications and frequent washdown processes using Salt water, Nitric Acids and Solvents.

Mechanical Protection Features:

- All exterior components are 300-Series stainless steel
- Protech Bearing isolator used for the output shaft seal
- Double Lip Viton shaft seal used on non-drive output shaft on TEFC motors
- Minimal exterior fasteners due to no through-bolt design and screw on conduit box covers reduces surface areas that may trap contaminants
- Double-sealed bearings are pre-lubricated with moisture resistant, high temperature grease for long life
- Rotor/Cartridge, "Q-CAR™," design for quick access to motor interior (patent pending).
- O-ring sealed openings on conduit box covers and Rotor/Cartridge cover
- Rigid Cast Base for rugged applications
- Conduit box lead hole location rotatable on TEFC designs
- Full fact nameplate is laser etched to the motor frame making frame surface smooth, which eliminates areas that trap contaminants
- Ease of clean construction is BISSC certified for bakery applications and motors meet Pharmaceutical Duty specifications
- IP 66 Enclosure protection

Electrical Performance and Protection Features:

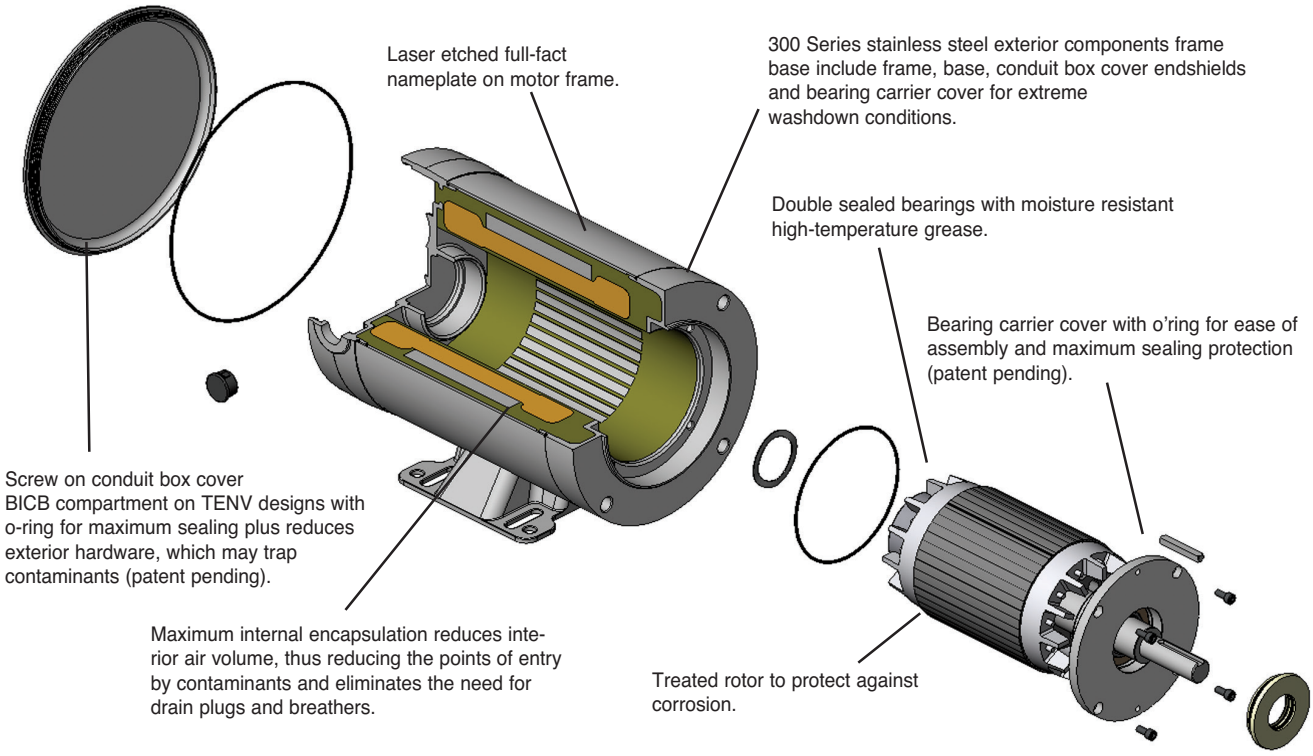
- Motors meet EPAct mandates for non-exempt motors when tested without shaft seals
- Total winding encapsulation using an Epoxy Resin
- LEESON's exclusive IRIS™ Inverter-Rated Insulation System provides extra protection and long life, especially when used in applications driven by an Inverter
- 3 year warranty
- 10:1 constant torque operation

Standards and Approvals

- Motors are UL component recognized – file number E57948, guide number PRGY2
- CSA Energy Efficiency Verification Program, report number EEV 78720-1
- Construction is CSA Certified for safety, report number LR33543 and listed under BISSC authorization number 769

Extreme Duck Washguard® All-Stainless Motors
Three Phase - Standard, EPAct & NEMA Premium

ExtremeDuck



The all new Extreme. It's not your average duck.

- **Extreme** Sealing
- **Extreme** Durability
- **Extreme** Confidence

The new Extreme Duck.

Washguard® Motors

Extreme Duck Washguard® All-Stainless Motors

Three Phase - Standard, EPAct & NEMA Premium Ratings

Three Phase - Totally Enclosed - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	56C	117118.00	√	1,528	CZ6T34VK16	39	208-230/460	1.6	82.5	1.15	10.47	S, US, 12
	1800	S56C	103411.00	√	1,511	CZ4T17VK1	33	208-230/460	1.6	76.0	1.15	11.49	S, US, 12
	1800	56C	117119.00	√	1,607	CZ6T17VK43	40	208-230/460	1.6	78.5	1.15	10.72	S, US, 12
	1200	56C	119266.00	√	1,715	CZ6T11VK7	43	208-230/460	2.3	77.0	1.15	11.71	S, US, 12
3/4	3600	56C	117120.00	√	1,581	CZ6T34VK17	46	208-230/460	2.4	84.0	1.15	10.47	S, US, 12
	1800	S56C	103412.00	√	1,607	CZ4T17WK2	39	208-230/460	2.3	77.0	1.15	12.50	S, US, 13
	1800	56C	117121.00	√	1,669	CZ6T17VK44	47	208-230/460	2.3	80.0	1.15	11.22	S, US, 12
	1200	56C	119267.00	√	1,772	CZ6T11VK8	50	208-230/460	3.0	78.5	1.15	12.69	S, US, 12
1	3600	56C	117122.00	√	1,698	CZ6T34VK18	48	208-230/460	2.6	85.5	1.15	10.97	S, US, 12
	1800	56C	117123.00	√	1,708	CZ6T17VK45	50	208-230/460	3.0	81.5	1.15	11.97	S, US, 12
	1200	56C	119268.00	√	1,808	CZ6T11WK9	53	208-230/460	4.2	78.5	1.15	12.69	S, US, 13
1 1/2	3600	143TC	121879.00	√	1,927	CZ143T34WK8	54	208-230/460	4.0	84.0	1.15	11.75	S, US, 13
	3600	143TC	G121748.00	√	1,802	CZ143T34WK4	54	208-230/460	4.0	82.5	1.15	11.00	S, US, 13
	1800	56C	117296.00	√	1,795	CZ6T17WK30	56	208-230/460	4.4	84.0	1.15	11.69	S, US, 13
	1800	145TC	121880.00	√	1,920	CZ143T17WK13	56	208-230/460	4.4	86.5	1.15	12.75	S, US, 13
	1800	145TC	G121749.00	√	1,795	CZ143T17WK8	56	208-230/460	4.4	84.0	1.15	11.25	S, US, 13
	1200	56C	119269.00	√	1,850	CZ6T11WK10	59	208-230/460	5.4	80.0	1.15	12.69	S, US, 13
2	3600	145TC	121881.00	√	2,227	CZ145T34WK19	56	208-230/460	5.2	85.5	1.15	12.75	S, US, 13
	3600	145TC	G121739.00	√	2,081	CZ145T34WK10	56	208-230/460	5.2	84.0	1.15	12.50	S, US, 13
	1800	56C	117299.00	√	2,104	CZ6T17WK29	57	208-230/460	5.6	84.0	1.15	12.69	S, US, 13
	1800	145TC	121882.00	√	2,251	CZ145T17WK34	57	208-230/460	5.6	86.5	1.15	13.25	S, US, 13
	1800	145TC	G121740.00	√	2,104	CZ145T17WK25	57	208-230/460	5.6	84.0	1.15	12.50	S, US, 13
3	3600	56C	119203.00	C/A	2,188	CZ6T34WK26	60	208-230/460	7.6	85.5	1.15	12.69	S, US, 13

Green items are Premium Efficient
C/A - Check Availability
Note 12 - TENV

♥ Note listing on inside back flap
Specifications are subject to change without notice

Extreme Duck Washguard® All-Stainless Motors

Three Phase - Totally Enclosed - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	48C	103417.00	√	1,533	CZ4T17VC8	30	208-230/460	1.3	70.5	1.15	9.58	S, US, 12
1/2	3600	56C	117126.00	√	1,497	CZ6T34VC19	38	208-230/460	1.6	82.5	1.15	10.47	S, US, 12
	1800	48C	103418.00	√	1,596	CZ4T17VC2	32	208-230/460	1.6	76.0	1.15	11.33	S, US, 12
	1800	S56C	103413.00	√	1,419	CZ4T17VC1	32	208-230/460	1.6	76.0	1.15	11.49	S, US, 12
	1800	56C	117127.00	√	1,577	CZ6T17VC53	39	208-230/460	1.6	78.5	1.15	10.72	S, US, 12
3/4	3600	56C	117128.00	√	1,550	CZ6T34VC20	45	208-230/460	2.4	84.0	1.15	10.47	S, US, 12
	1800	S56C	103414.00	√	1,505	CZ4T17WC2	38	208-230/460	2.3	77.0	1.15	12.50	S, US, 13
	1800	56C	117129.00	√	1,640	CZ6T17VC54	46	208-230/460	2.3	80.0	1.15	11.22	S, US, 12
1	3600	56C	117130.00	√	1,667	CZ6T34VC21	47	208-230/460	2.6	85.5	1.15	10.97	S, US, 12
	1800	56C	117131.00	√	1,679	CZ6T17VC55	50	208-230/460	3.0	81.5	1.15	11.69	S, US, 12
1 1/2	3600	143TC	121908.00	√	1,895	CZ143T34WC6	53	208-230/460	4.0	84.0	1.15	11.75	S, US, 13
	3600	143TC	121750.00	√	1,773	CZ143T34WC2	53	208-230/460	4.0	82.5	1.15	11.00	S, US, 13
	1800	56C	117297.00	√	1,766	CZ6T17WC32	55	208-230/460	4.4	84.0	1.15	11.69	S, US, 13
	1800	145TC	121909.00	√	1,890	CZ143T17WC11	55	208-230/460	4.4	86.5	1.15	12.75	S, US, 13
	1800	145TC	121751.00	√	1,766	CZ143T17WC5	55	208-230/460	4.4	84.0	1.15	11.25	S, US, 13
2	3600	145TC	121910.00	√	2,196	CZ145T34WC18	55	208-230/460	5.2	85.5	1.15	12.75	S, US, 13
	3600	145TC	121742.00	√	2,053	CZ145T34WC10	55	208-230/460	5.2	84.0	1.15	12.50	S, US, 13
	1800	145TC	121743.00	√	2,076	CZ145T17WC22	56	208-230/460	5.6	84.0	1.15	12.50	S, US, 13
	1800	145TC	121911.00	√	2,220	CZ145T17WC36	56	208-230/460	5.6	86.5	1.15	13.25	S, US, 13
	1800	56C	117298.00	√	2,076	CZ6T17WC33	56	208-230/460	5.6	84.0	1.15	12.69	S, US, 13
3	3600	56C	119204.00	√	2,172	CZ6T34WC22	59	208-230/460	7.6	85.5	1.15	12.69	S, US, 13
	3600	145TC	122119.00	√	2,195	CZ145T17WC43	61	208-230/460	8.6	82.5	1.15	13.19	S, US, 13

View On-line Technical Information

Green items are Premium Efficient
Note 12 - TENV
♥ Note listing on inside back flap
Specifications are subject to change without notice

Washguard® Motors

Extreme Duck Motors with Shaft Grounding Rings (SGRs)

SGRs help prevent bearing damage when running motors with AC Controls

Three Phase - Totally Enclosed - Rigid C Face

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	117906.00	√	1,697	CZ6T17VK55	40	208-230/460	1.6	78.5	1.15	10.72	S, US, 12
3/4	1800	56C	117907.00	√	1,756	CZ6T17VK56	47	208-230/460	2.3	80.0	1.15	11.22	S, US, 12
1	1800	56C	117908.00	√	1,794	CZ6T17VK57	50	208-230/460	3.0	81.5	1.15	11.97	S, US, 12
1 1/2	1800	56C	117909.00	√	1,878	CZ6T17WK41	56	208-230/460	4.4	84.0	1.15	11.69	S, US, 13
	1800	145TC	122032.00	√	1,878	CZ143T17WK20	56	208-230/460	4.4	84.0	1.15	11.25	S, US, 13
2	1800	56C	117910.00	√	2,177	CZ6T17WK42	57	208-230/460	5.6	84.0	1.15	12.69	S, US, 13
	1800	145TC	122033.00	√	2,177	CZ145T17WK54	57	208-230/460	5.6	84.0	1.15	12.50	S, US, 13

Note 12 - TENV

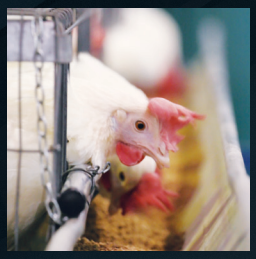
♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

DE-FEATHERING

SCALDING



FEEDING

CUTTING

PROCESSING

SLICING

INSPECTION

DE-BONING

There's a LEESON Washguard® Motor for every location in your facility.

LEESON offers more than 200 off-the-shelf solutions to everyday washdown motor needs. What's more, LEESON offers washdown-rated gear reducers and AC and DC controls to compliment our washdown motor line. And, when you need a specially engineered custom solution to your washdown application, think LEESON. Our flexible manufacturing processes enable custom products to be manufactured in small or large quantities.

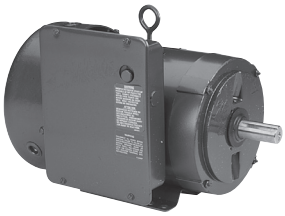
Washguard® Motors
Selection Guide

Feature	White Duck	Washguard® II	SST Duck	Stainless Duck	Extreme Duck
Sealed Bearings	■	■	■	■	■
Potted Lead Entrance					■
Complete Motor Encapsulation					■
Nameplate Etched in Frame	■	■	■	■	■
Interior Corrosion Protected	■	■	■	■	
Motor Breathe Plugs/Drain Plugs	■	■	■	■	Not Needed for total encapsulation
Internally Locked Shaft-End Bearing	■	■	■	■	■
Shaft Seals on Both Ends of TEFC Motors	■	■	■	■	■
Viton® Seals Between Endbells and Frame				■	■
UL, CSA Listed	■	■	■	■	■
60Hz and 50Hz Data on Nameplate	■	■	■	■	■
CE Mark on Nameplate	■	■	■	■	■
O-Ring Sealed Openings				■	■
Standard Motors Include Inverter-Rated Insulation System and Marked on Name-plate—1HP and Higher	■	■	■	■	■
Local Inventory Support	■	■	■	■	
Rotor Cartridge Change-Out				■ ①	■
BISSC Approved		■			■
3-Year Warranty	■ ②	■ ②	■ ②	■ ②	■
Screw On Conduit Box Cover				■ ①	■
Pump Motor Designs	■			■	
Brakemotor Designs	■			■	
DC Motors Available	■			■	
Metric Designs Available				■	

① 56/143/145T Frame Ratings ② Premium Efficient Motors

Specifications are subject to change without notice

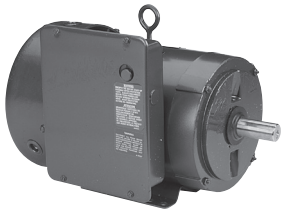
General Purpose & Definite Purpose - Agricultural Duty Motors



- Gasketed capacitor cases and conduit box covers
- Meets or exceeds NEMA service factors
- Single phase and three phase designs
- Double sealed ball bearings
- Double shielded ball bearings on Ag fan motors
- Condensate drains on general purpose Ag motors
- Low temperature manual overload protected
- High and extra high starting torque ratings
- UL recognized component listing and CSA certified
- 1-year warranty

Applications:

For use where exposure to water, dust and dirt exists. Ideally suited for use Farm / Ag equipment such as feeders, conveyors, fans, grain elevators, silo unloaders, and other demanding farm duty equipment.



Single Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56	113256.00	√	478	M6C17FB66	20	115/208-230	Man.	3.2	1.15	10.81	S, US,
	1800	56	LM24789	√	482	SRF4S0.33T1C6028AP7TP1	24	115/208-230	Man.	3.3	1.15	12.82	S, MX
1/2	1800	56	110086.00	√	556	M6C17FB11	22	115/208-230	Man.	4.4	1.15	10.81	S, US,
	1800	56	LM24790	√	566	SRF4S0.5T1C6028AP7TP1	25	115/208-230	Man.	4.4	1.15	11.82	S, MX
3/4	1800	56	110087.00	√	657	M6C17FB9	26	115/208-230	Man.	5.4	1.15	11.31	S, US,
	1800	56	LM24791	√	665	SRF4S0.75T1C6028AP7TP1	30	115/208-230	Man.	5.5	1.15	12.32	S, MX
1	1800	56	110088.00	√	755	M6C17FB10	30	115/208-230	Man.	7.0	1.15	11.81	S, US,
	1800	56	LM24792	√	760	SRF4S1T1C6028AP7TP1	32	115/208-230	Man.	6.7	1.15	12.82	S, MX
	1800	143T	121569.00	√	760	M143C17FB13	30	115/208-230	Man.	7.0	1.15	12.75	S, US,
	1800	143T	LM24793	√	777	SSF4S1T1C6028AP7TP1	35	115/208-230	Man.	6.7	1.15	12.87	S, MX
1 1/2	1800	56H	110089.00	√	842	M6K17FB3	41	115/208-230	Man.	8.6	1.15	12.61	S, US,
	1800	56H	LM24794	√	858	SRF4S1.5T1B6028AP7TP1	41	115/208-230	Man.	7.6	1.15	13.82	S, MX
	1800	56HZ	113938.00	√	857	M6K17FB39	39	115/208-230	Man.	8.6	1.15	13.25	S, US, 3, 53
	1800	145T	LM24795	√	858	SSF4S1.5T1B6028AP7TP1	42	115/208-230	Man.	7.6	1.15	13.87	S, MX
2	1800	56HZ	110090.00	√	1,207	M6K17FB4	43	230	Man.	9.2	1.15	13.75	S, US, 3, 53
	1800	182T	131541.00	√	1,287	P182C17FB12	50	115/208-230	Man.	12.4	1.15	14.46	S, MX
3	1800	184T	131542.00	√	1,348	P184C17FB13	83	230	Man.	19.0	1.15	16.46	S, MX
	1800	184T	LM24797	√	1,315	SS184F4S3T1C66AP7TP1	92	230	Man.	19.0	1.15	16.46	S, MX
5	1800	184T	131543.00	√	1,689	P184K17FB16	96	230	Man.	20.5	1.15	17.46	S, MX, 53
	1800	184T	LM24798	√	1,719	SSF4S5T1B66AP71TP1	90	230	Man.	20.5	1.15	17.46	S, MX, 53
7 1/2	1800	215T	140707.00	√	2,018	P215K17FB15	144	230	Man.	32.0	1.15	20.21	S, MX, 53
	1800	215T	LM24799	√	2,120	SS215F4S7.5T1B66AP7TP1	130	230	Man.	30.0	1.15	21.09	S, MX, 53
10	1800	215T	140706.00	√	2,363	P215K17FB16	152	230	Man.	40.0	1.15	20.71	S, MX, 53

▼ LM Numbers are Lincoln Models

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Agricultural Duty Motors

ECO-Ag - Premium Efficient Farm Duty Motors

Features:

- Up to 22% higher efficiency than standard Ag Motors
- Sealed bearings
- Shaft flinger - output shaft
- High starting torque
- Manual overload protected
- Weep holes provide condensation drains

Single Phase - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56	117689.00	√	524	M6K17FB56	27	115/208-230	Man.	1.7	76.0	1.15	10.99	S, US, 53
1/2	1800	56	117690.00	√	601	M6K17FB57	30	115/208-230	Man.	2.5	78.0	1.15	11.49	S, US, 53
3/4	1800	56	117691.00	√	722	M6K17FB60	35	115/208-230	Man.	3.2	82.0	1.15	11.99	S, US, 53
1	1800	56	117692.00	√	813	M6K17FB58	37	115/208-230	Man.	4.2	83.0	1.15	12.49	S, US, 53
	1800	143T	121973.00	√	824	M143K17FB3	38	115/208-230	Man.	4.2	83.0	1.15	12.93	S, US, 53
1 1/2	1800	56H	117693.00	√	926	M6K17FB59	43	115/208-230	Man.	6.5	84.0	1.15	13.49	S, US, 53
	1800	145T	121974.00	√	942	M143K17FB4	44	115/208-230	Man.	6.5	84.0	1.15	13.93	S, US, 53
2	1800	145T	121975.00	√	1,275	M145K17FB29	49	230	Man.	8.2	85.0	1.15	14.43	S, US, 53

Green items are Premium Efficient

♥ Note listing on inside back flap

Specifications are subject to change without notice

Three Phase Ag Duty Motors - Eco-Ag Designs

Features:

- Premium efficient designs
- Double sealed ball bearings
- Shaft flinger - output shaft
- Normally closed thermostat protected
- Weep holes provide condensation drains

Three Phase - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56	117772.00	√	584	C6T17FB163	30	208-230/460	T-stat	1.8	77.0	1.15	11.31	S, US
3/4	1800	56	117759.00	√	640	C6T17FB160	31	208-230/460	T-stat	2.4	81.5	1.15	11.31	S, US
1	1800	56	117760.00	√	784	C6T17FB161	32	208-230/460	T-stat	3.2	85.5	1.15	12.81	S, US
1 1/2	1800	56H	117761.00	√	799	C6T17FB162	34	208-230/460	T-stat	4.8	86.5	1.15	13.31	S, US
	1800	145T	121997.00	√	811	C145T17FB98	35	208-230/460	T-stat	4.8	86.5	1.15	13.75	S, US
2	1800	145T	121998.00	√	845	C145T17FB99	45	208-230/460	T-stat	5.8	86.5	1.15	14.76	S, US
3	1800	184T	132328.00	√	954	C182T17FB54	80	208-230/460	T-stat	7.8	89.5	1.15	14.96	S, MX
5	1800	184T	132329.00	√	1,048	C184T17FB67	94	208-230/460	T-stat	12.8	89.5	1.15	15.96	S, MX
7 1/2	1800	213T	141145.00	√	1,342	C213T17FB22	144	208-230/460	T-stat	21.4	91.7	1.15	18.70	S, MX
10	1800	215T	141146.00	√	1,622	C215T17FB23	161	208-230/460	T-stat	29.0	91.7	1.15	19.70	S, MX

Green items are Premium Efficient

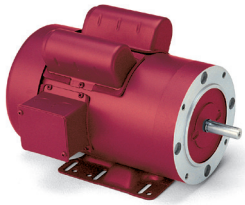
♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Agricultural Duty Motors

Hi-Torque and Extra Hi-Torque



Single Phase - TEFC - Rigid Base - Extra Hi-Torque - 5, 7 1/2 & 10 HP

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
2	1800	182T	131541.00	√	1,287	P182C17FB12	50	115/208-230	Man.	12.4	1.15	14.46	S, MX
3	1800	184T	131542.00	√	1,348	P184C17FB13	83	230	Man.	19.0	1.15	16.46	S, MX
5	1800	184T	LM24802	√	1,659	SSF4S5TB6008AP8TP1	125	208-230	Man.	22.5	1.15	17.36	S, MX
	1800	213TZ	LM24803	√	2,020	SS213F4S5TZB66AP8TP1-1	126	230	Man.	22.6	1.15	18.34	S, MX, 53
	1800	215T	140203.00	√	2,057	P215K17FB3	119	230	Man.	24.0	1.15	18.71	S, MX, 53
	1800	215TZ	140223.00	√	2,060	P215K17FB5	150	230	Man.	24.0	1.15	18.71	S, MX, 4, 53
7 1/2	1800	215T	140130.00	√	2,200	P215K17FB2	144	230	Man.	33.6	1.15	20.21	S, MX, 53
	1800	215TZ	140209.00	√	2,370	P215K17FB4	141	230	Man.	33.6	1.15	20.21	S, MX, 4, 53
	1800	215TZ	LM24804	√	2,245	SS215F4S7.5TZ1B66AP8TP1-1	125	230	Man.	30.5	1.15	21.09	S, MX, 53
10	1800	215T	140414.00	√	2,578	P215K17FB6	156	230	Man.	40.0	1.15	20.71	S, MX, 53
	1800	215T	LM24805	√	2,533	SSF4S10T1B66AP8TP1	150	230	Man.	30.5	1.00	21.09	S, MX, 53

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

Specifications are subject to change without notice

Single Phase - TEFC - High Torque - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	113290.00	√	632	M6C17FC59	28	115/208-230	Man.	3.2	1.15	10.81	S, US,
1/2	1800	56C	110492.00	√	723	M6C17FC12	22	115/208-230	Man.	4.4	1.15	10.81	S, US,
3/4	1800	56C	110493.00	√	846	M6C17FC13	29	115/208-230	Man.	5.4	1.15	11.31	S, US,
1	1800	56C	110494.00	√	959	M6C17FC14	33	115/208-230	Man.	7.0	1.15	11.81	S, US,
1 1/2	1800	56C	110495.00	√	1,090	M6K17FC3	43	115/208-230	Man.	8.6	1.15	12.31	S, US, 53
2	1800	145TC	120855.00	√	1,415	M145K17FC13	45	230	Man.	9.2	1.15	13.75	S, US, 53
3	1800	184TC	131603.00	√	1,919	P184C17FC5	104	230	Man.	19.0	1.15	16.47	S, MX,
5	1800	184TC	131602.00	√	2,354	P184K17FC7	104	230	Man.	20.5	1.15	17.47	S, MX, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

Single Phase - TEFC - High Torque - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	116485.00	√	654	M6C17FK81	29	115/208-230	Man.	3.2	1.15	10.81	S, US,
1/2	1800	56C	116486.00	√	751	M6C17FK80	23	115/208-230	Man.	4.4	1.15	10.81	S, US,
3/4	1800	56C	116487.00	√	873	M6C17FK79	30	115/208-230	Man.	5.4	1.15	11.31	S, US,
1	1800	56C	116488.00	√	991	M6C17FK78	34	115/208-230	Man.	7.0	1.15	11.81	S, US,
1 1/2	1800	56HC	116489.00	√	1,116	M6K17FK47	44	115/208-230	Man.	8.6	1.15	12.81	S, US, 53
2	1800	145TC	121625.00	√	1,422	M145K17FK11	46	230	Man.	9.2	1.15	13.75	S, US, 53
3	1800	184TC	131994.00	√	1,955	P184C17FK10	105	230	Man.	19.0	1.15	16.47	S, MX,
5	1800	184TC	131995.00	√	2,365	P184K17FK13	105	230	Man.	20.5	1.15	17.47	S, MX, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

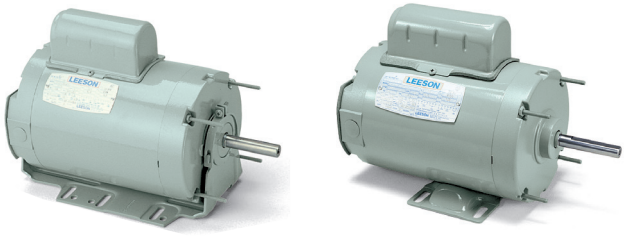
Agricultural Duty Motors

Fan Duty - Single and Three Phase

Two-Winding Variable Torque PSC Type For Shaft Mounted Fan Application

Features:

- PSC designs offer low in-rush current
- Two speed operation - most ratings
- Automatic overload protected
- Resilient mount for quiet operation
- Corrosion resistant finish



Single Phase - TEAO - Resilient Base - PSC Type

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1625	48Z	100803.00	√	370	A4P17NR1	19	115/230	Auto.	1.4	1.00	10.66	S, MX, 16, 34
	1075	48Z	100824.00	√	419	A4P11NR2	20	115/230	Auto.	1.4	1.00	10.66	S, MX, 16, 34
	1075	S56Z	100805.00	√	464	A4P11NJ1	22	115/230	Auto.	1.4	1.00	11.06	S, MX, 17, 34
1/3	1625	48Z	100804.00	√	385	A4P17NR2	21	115/230	Auto.	1.6	1.00	10.66	S, MX, 16, 34
	1625	S56H	100767.00	√	444	A4P17NJ1	22	115/230	Auto.	1.6	1.00	10.31	S, MX, 34
	1625	56HY	111348.00	√	485	A6P17NZ6	24	115/230	Auto.	1.7	1.00	13.44	S, US, 59
	1075	48Z	100825.00	√	455	A4P11NR3	25	115/230	Auto.	1.8	1.00	11.16	S, MX, 16, 34
	1075	S56HZ	100806.00	√	488	A4P11NJ2	27	115/230	Auto.	1.8	1.00	11.56	S, MX, 17, 34
1/2	1625	56HZ	111323.00	√	554	A6P17NR3	30	115/230	Auto.	2.6	1.00	12.56	S, US, 17, 34
	1625	S56H	100768.00	√	457	A4P17NJ2	36	115/230	Auto.	2.2	1.00	10.81	S, MX, 34
	1075	48Z	101645.00	√	491	A4P11NR6	33	115/230	Auto.	2.8	1.00	11.16	S, MX, 16, 34
	1075	56HZ	111321.00	√	575	A6P11NR1	37	115/230	Auto.	3.0	1.00	13.56	S, US, 17, 34
	850	48YZ	A099836.00	√	495	A48P8NR2	24	115/230	Auto.	3.0	1.00	11.55	S, MX, 19, 34, 50
	825	56HZ	111919.00	√	645	A6P8NR2	40	115/230	Auto.	3.2	1.00	13.56	S, US, 17, 34, 50
3/4	1625	56HZ	111324.00	√	606	A6P17NR4	34	115/230	Auto.	3.5	1.00	13.06	S, US, 17
	1625	56H	111266.00	√	606	A6P17NR1	36	115/230	Auto.	3.5	1.00	12.31	S, US
	1075	56HZ	111322.00	√	652	A6P11NR2	44	115/230	Auto.	4.0	1.00	13.56	S, US, 17, 50
1	1625	56HZ	111267.00	√	678	A6P17NR2	39	115/230	Auto.	4.4	1.00	12.81	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Single Phase - TEAO - Rigid Base - PSC Type

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1750	48Y	101252.00	√	353	A4P17NB27	19	115/208-230	Auto.	1.5	1.00	10.90	S, MX, 50
	1625	48Y	100699.00	√	353	A4P17NB7	19	115/230	Auto.	1.4	1.00	10.65	S, MX
	1075	48Y	M099260.00	√	368	A4P11NB23	21	115/230	Auto.	1.2	1.00	10.83	S, CN
	1075	48Y	A099260.00	√	368	A4P11NB52	21	115/230	Auto.	1.5	1.00	10.65	S, MX
1/3	1750	48Y	101253.00	√	400	A4P17NB28	22	115/208-230	Auto.	1.9	1.00	10.65	S, MX, 50
	1625	48Y	100700.00	√	400	A4P17NB8	22	115/230	Auto.	1.6	1.00	10.65	S, MX
	1625	56Y	111202.00	√	462	A6P17NZ1	24	115/230	Auto.	1.7	1.00	12.00	S, US, 58
	1140	S56Y	100604.00	√	434	A4P11NH1	23	115/230	Auto.	1.8	1.00	11.40	S, MX
	1075	48Y	M099261.00	√	434	A4P11NB24	21	115/230	Auto.	1.5	1.00	11.34	S, CN
	1075	48Y	A099261.00	√	467	A4P11NB53	21	115/230	Auto.	1.8	1.00	10.90	S, MX
1/2	1750	S56Y	101176.00	√	440	A4K17NH2	26	115/230	Auto.	3.5	1.00	10.40	S, MX, 50, 54
	1750	48Y	100701.00	√	430	A4P17NB9	29	115/230	Auto.	2.5	1.00	12.15	S, MX
	1075	48Y	A099946.00	√	450	A4P11NB54	26	115/230	Auto.	2.5	1.00	11.90	S, MX
3/4	1075	56HZ	A099847.00	√	642	A6P11NB5	35	115/230	Auto.	3.7	1.00	13.56	S, MX

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

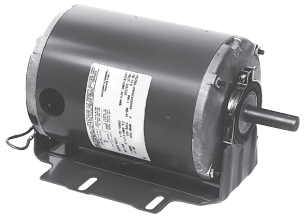
Agricultural Duty Motors

Agricultural Fan

Typically used in Poultry houses or barn exhaust fans

Features:

- TEAO designs - continuous duty
- Extended thru-bolts
- 1/2" dia. x 2 1/2" long shaft with flats, 90° apart
- Fully gasketed
- Automatic overload protected
- Must be mounted in airstream for proper cooling



Single Phase - PSC - TEAO - Resilient Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1625	48Z	LM24445	√	593	SPA4S0.25TZRY1A6027AP11-1	20	115/230	Auto.	1.8	1.00	11.06	S, MX
	1625	48Z	LM24447	C/A	459	SPA4S0.25TZRY1A6027AP10-1	17	115/230	Auto.	1.6	1.00	10.09	S, MX
1/3	1625	48Z	LM24450	√	651	SPA4S0.33TZRY1A6027AP11-1	23	115/230	Auto.	1.9	1.00	11.81	S, MX
	1625	48Z	LM24448	√	505	SPA4S0.33TZRY1A6027AP10-1	17	115/230	Auto.	2.2	1.00	10.09	S, MX
	1075	48Z	LM24443	√	629	SPA6S0.33TZRY1A6027AP10-1	15	115/230	Auto.	2.1	1.00	10.84	S, MX
1/2	1625	48Z	LM24446	√	722	SPA4S0.5TZRY1A6027AP11-1	23	115/230	Auto.	2.7	1.00	11.81	S, MX
	1625	48Z	LM24449	√	559	SPA4S0.5TZRY1A6027AP10-1	21	115/230	Auto.	3.0	1.00	10.84	S, MX
	1075	48Z	LM24444	√	722	SPA6S0.5TZRY1A6027AP10-1	19	115/230	Auto.	3.2	1.00	10.84	S, MX

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

Grain Dryer / Centrifugal Fan Motors

Used in Ag fan and blower applications.

Screens used to protect against entry of pests and and silage

Features:

- NEMA Premium and EPAct efficiency
- Rodent Screens
- Re-greasable Bearings
- Cast Iron construction
- 1.25 Service Factor
- Class F insulation
- Inverter Duty Insulation System
- UL Recognized and CSA certified

Three Phase - Open Drip-Proof (ODP) - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	F.L. Eff.	"C" Dim. (Inches)	♥Notes
10	1800	215T	G151828.60	√	1,117	C215T17DB54	168	208-230/460	25.0	89.5	16.75	C, CN
15	1800	254T	G151540.60	√	1,644	C254T17DB12	265	208-230/460	37.6	91.0	21.89	C, CN
	1800	254T	170540.60	√	2,132	C254T17DB45	279	208-230/460	37.0	93.0	20.94	C, CN
20	1800	256T	G151541.60	√	2,045	C256T17DB7	307	208-230/460	48.0	91.7	23.54	C, CN
	1800	256T	170541.60	√	2,600	C256T17DB10	324	208-230/460	51.0	93.0	22.60	C, CN
25	1800	284T	G151829.60	C/A	2,236	C284T17DB11	388	208-230/460	59.6	91.7	23.54	C, CN
30	1800	286T	G151542.60	√	2,848	C286T17DB12	434	208-230/460	72.0	92.4	26.57	C, CN
	1800	286T	170542.60	√	3,501	C286T17DB13	471	208-230/460	71.0	93.6	25.00	C, CN

Green items are Premium Efficient

♥ Note listing on inside back flap

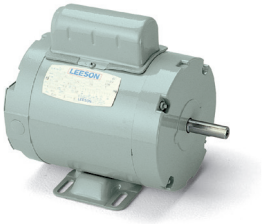
C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Agricultural Duty Motors

Aeration Fan Motors



Features:

- Belt driven fans or fan on shaft applications
- Capacitor start designs
- Must be mounted in airstream for proper cooling
- Epoxy paint to resist corrosion
- Single-phase models have built-in terminal boards

Single Phase - Capacitor Start - TEAO - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3450	56Z	111332.00	√	460	C6C34NB15	27	115/230	None	5.0	1.00	10.90	S, US, 22
1	3450	56Z	111333.00	√	546	C6C34NB16	29	115/230	None	6.0	1.00	10.90	S, US, 22
1 1/2	3450	56Z	111949.00	√	706	C6C34NB19	32	115/230	None	8.5	1.00	11.40	S, US, 22
	3450	143TZ	120374.00	√	759	C143C34NB1	31	115/230	None	8.5	1.00	11.84	S, US, 22
2	3450	145TZ	120375.00	√	924	C145C34NB1	41	230	None	10.0	1.00	13.34	S, US, 23
3	3450	145T	120376.00	√	973	C145K34NB1	45	230	None	12.8	1.00	13.84	S, US, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase - TEAO - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3450	56Z	111334.00	√	471	C6T34NB18	21	208-230/460	2.4	1.00	9.90	S, US, 22
1	3450	56Z	111335.00	√	511	C6T34NB19	22	208-230/460	3.2	1.00	9.90	S, US, 22
1 1/2	3450	143TZ	120377.00	√	587	C143T34NB2	31	208-230/460	4.2	1.00	11.34	S, US, 22
2	3450	145TZ	120378.00	√	695	C145T34NB1	34	208-230/460	5.6	1.00	11.84	S, US, 22
3	3450	145T	120379.00	√	779	C145T34NB2	38	230/460	7.6	1.00	12.34	S, US, 23

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Used on Crop Dryers with air over/fan on shaft designs

Features:

- Class "F" insulation system
- Overload protected
- Keyed shaft with 1/4-20 UNC tapped hole on end
- 34" long leads
- Capacitors shipped loose on 1-phase designs
- Motor venting protected against insects and rodents
- Double sealed ball bearings

Single Phase - Drip-Proof Air Over - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3-4.5	3600	145TZ	LM24778	√	1,231	SSD2S3-4.5TZ1B66QS10-1	46	230	Auto	13-19	1.50	13.74	S, MX
5 - 7	3600	182TZ	131847.00	√	1,446	C182C34DB2	91	230	T-Stat	27.2-35	1.00	16.44	S, MX
7.5-10	3600	182TZ	131848.00	√	1,607	C182K34DB4	95	230	T-Stat	31-42	1.00	16.44	S, MX
7 - 10	3600	184TZ	LM24780	√	2,015	SSD2S7-10TZ1B66QS11-1	102	230	T-Stat	31-42	1.40	15.94	S, MX
7- 9	3600	184TZ	LM24781	C/A	1,632	SSD2S7-9TZ1C66QSS11-1	88	230	T-Stat	31-42	1.30	15.50	S, MX
10 - 15	3600	215TZ	140640.00	√	2,471	C215K34DB2	159	230	T-Stat	39.5-61.5	1.00	20.42	S, MX
	3600	215TZ	LM24782	√	2,559	SS215D2S10-15TZ1C66QS11-1	135	230	T-Stat	39.5-61.5	1.50	18.16	S, MX
	3600	215TZ	141084.00	√	2,471	C215K34DB3	159	230	T-Stat	40-59	1.00	20.08	S, MX, 52

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

Note 52 - Extra High Starting Torque

C/A - Check Availability

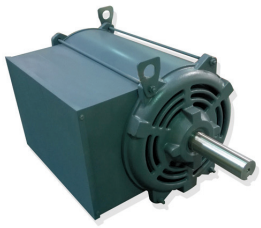
Specifications are subject to change without notice

Grain Dryer / Centrifugal Fan Motor

Features:

- 268% Starting Torque
- Oversized sealed bearings
- Rodent Screen Protection
- Rolled Steel frame with cast iron endbells
- Epoxy painted
- 91.2% efficient

NEW



Single Phase - ODP - 230 Volt - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
16	1800	256TZ	851034.00	√	3,729	C254K17DB1	275	230	62.9	1.15		S, MX,

Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase - Drip-Proof Air Over - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
5-7.5	3600	184TZ	131849.00	√	1,171	C184T34DB8	70	208-230/460	T-Stat	19.0	1.00	13.94	S, MX
7.5-10	3600	184TZ	131850.00	√	1,367	C184T34DB9	85	208-230/460	T-Stat	24.2	1.00	15.44	S, MX
10 - 15	3600	215TZ	140641.00	√	1,649	C215T34DB3	95	208-220/440	T-Stat	40.0	1.50	17.41	S, MX

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Agricultural Duty Motors

Tobacco Barn Motors

Used in Tobacco Barns and other applications that require a fan motor in a high ambient condition.

Features:

- Drip-proof airover designs
- Class H insulation for high ambient conditions
- 80° C ambient rated
- 120 inch leads
- Oversized double sealed bearings
- 1/4-20 tapped hole at end of shaft

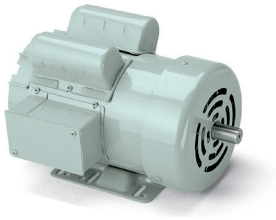
Single Phase - DPAO - Rigid Base

HP	SYN RPM 60 Hz	Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	Phase	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
7.5	1800	215TVZ	140830.00	√	1,809	215TBDW17041	125	230	34.5	1.15	18.04	S,MX	20.71	S, MX,
10	1800	215TVZ	140816.00	√	2,695	C215K17DB13	150	230	44.0	1.15	20.65	S,MX	19.70	S, MX,

Specifications are subject to change without notice

Grain Stirring Motors

Used in grain stirring systems inside grain bins



Features:

- TEFC, continuous duty
- High torque designs
- Rugged 205 bearing, shaft end
- Vertical shaft up design with drain hole
- 7/8" Dia. Shaft

Single Phase - Rigid Base - TEFC

HP	SYN RPM 60 Hz	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1 1/2	1800	56HZ	111330.00	√	898	P6K17FB18	42	115/208-230	Man.	8.6	1.00	12.31	S, US, 53
	1800	56HZ	LM24521	C/A	900	SRF4S1.5TZ1B6028AP9-2	47	115/208-230	Man.	7.6	1.15	13.21	S, US, 53

▼ LM Numbers are Lincoln Models
C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase - Rigid Base - TEFC

HP	SYN RPM 60 Hz	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1 1/2	1800	56HZ	111329.00	√	913	M6T17FB49	38	208-230/460	5.4	80.0	1.00	11.81	S, US, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Agricultural Duty Motors

Catfish Pond Motors

Designed for outdoor pond aeration applications

Features:
- High torque designs
- Epoxy painted for corrosion protection
- Double sealed ball bearings
- Drain holes provided to purge condensation

Single Phase and Three Phase - C Face With Base - TEFC

HP	SYN RPM 60 Hz	Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	Phase	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
10	1800	215TC	140705.00	√	2,729	P215K17FK5	204	230	Man.	1	40.0	1.15	20.71	S, MX,
	1800	215TC	140833.00	C/A	1,642	C215T17FK19	169	208-230/460	None	3	23.6	1.15	19.7	S, MX,

Green items are Premium Efficient

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

Irrigation Booster Pump Motors

Used in agricultural duty irrigation systems

Features:
- Threaded jet pump motor shaft
- Vertical Shaft down design
- Rain canopy provided
- Epoxy painted for corrosion protection
- Neoprene shaft flinger

Three Phase - Irrigation Booster - TEFC

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	Service Factor	"C" Dim. (Inches)	♥Notes
2	3600	56J	112991.00	√	876	A6T34FC33	33	460	2.8	1.5	14.34	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Irrigation Drive Motors

Features:
- Double-sealed ball bearings
- Designed for vertical shaft down applications
- Rain canopy protects against water contamination

Three Phase - C Face Less Base - TEFC

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	Service Factor	"C" Dim. (Inches)	♥Notes
1	1800	56C	111304.00	√	846	A6T17FC33	30	460	75	1.3	12.34	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Agricultural Duty Motors

Milk Transfer Pump Motor

NEW

Features:

- Replacements for SURGE® milk pumps
- WASHGUARD® motor features for high pressure washdown applications
- Epoxy painted and stainless ratings available for corrosion protection
- Capacitor supplied loose with motor 113939.00
- Motors 119227.00 & 119231.00 are capacitor start - induction run motors
- Solid state encapsulated starting switch on capacitor start motors
- Three phase motor is inverter rated

Single Phase - Rigid Base - TENV

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	56CZ	113939.00	√	587	C6P34NK5	42	230	4.5	SPEC	13.07	S, US
1	3600	56CZ	119227.00	√	789	C6C34WK24	33	230	6.0	1.15	13.48	S, US, 13

Specifications are subject to change without notice

♥ Note listing on inside back flap

Stainless - Milk Transfer Pump Motor

Single Phase - TENV - 230 Volt - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1	3600	56CZ	119231.00	√	1,672	CZ6C34VK4	49	230	6.0	1.15	14.86	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase Milk Transfer Pump Motor

Three Phase - TENV - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1	3600	56CZ	119232.00	√	758	C6T34VK23	26	230/460	2.6	1.15	11.58	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Threaded Shaft Milk Pump Motor

NEW

Features:

- Replacements Motors for BouMatic Milk Pumps
- WASHGUARD® motor features for high pressure washdown applications
- Epoxy painted and stainless ratings available for corrosion protection
- Single phase motors are capacitor start - induction run designs
- Solid state encapsulated starting switch on single phase motors
- Three phase motors are inverter rated

Single Phase - TEFC - 230 Volt - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	56CZ	119233.00	√	587	C6C34WK27	24	115/230	3.8	1.15	12.62	S, US
1	3600	56CZ	119228.00	√	789	C6C34WK25	33	115/230	6.0	1.15	13.62	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Stainless - Threaded Shaft Milk Pump Motor

Single Phase - TENV - 230 Volt - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1	3600	56CZ	119229.00	√	1,717	C6C34WK26	49	115/230	6.0	1.15	12.41	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Threaded Shaft Milk Transfer Pump Motor

Three Phase - TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1	3600	56CZ	119230.00	√	758	C6T34WK29	26	230/460	3.2	1.15	12.62	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Washdown Duty - Jet Pump - Tank Washer Motor

Features:

- 56J Jet pump motor
- White epoxy painted
- 303 grade stainless steel shaft
- CCW rotation facing lead end

Jet Pump - 56J - Threaded Shaft - Washdown Duty - White Epoxy

Single Phase - TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1	3600	56J	119234.00	√	851	C6C34WK28	25	115/230	6.0	1.15	12.37	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Agricultural Duty Motors

Feed-Auger Drive Motors - Dust Tight

Replacement motors for poultry feed auger drive systems

Features:

- Choice of mechanical or solid state starting switch
- Mechanical switch has over-speed protection - Note 51
- Manual overload protected

Single Phase - TEFC - 60 Hertz

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	48YZ	101159.00	√	600	P4C17FZ11	21	115/230	Man.	3.1	1.00	10.47	S, MX, 26
	1800	56YZ	117887.00	√	576	117887.00	21	115/208-230	Man.	2.9	1.00	12.00	S, MX, 26, 51, 64
	1800	48N	LM24462	√	579	SPA4S0.33TADN1C6027TP1	23	115/230	Man.	2.5	1.50	11.31	S, MX, 26, 51
1/2	1800	48YZ	101120.00	√	675	P4C17FZ7	22	115/208-230	Man.	4.0	1.15	10.72	S, MX, 26
	1800	56YZ	117888.00	√	660	117888.00	22	115/208-230	Man.	4.2	1.25	12.00	S, MX, 26, 51, 64
	1800	48N	LM24463	√	660	SPA4S0.5TADN1C6027TP1	23	115/230	Man.	3.4	1.00	11.81	S, MX, 26, 51
3/4	1800	48YZ	101119.00	√	789	P4C17FZ6	24	115/208-230	Man.	5.4	1.00	11.47	S, MX, 26
	1800	56YZ	117889.00	√	679	117889.00	28	115/208-230	Man.	4.2	1.25	12.00	S, MX, 26, 51, 64
	1800	48N	LM24812	√	684	SRF4S0.75TZADN1C6028TP1-1	31	115/208-230	Man.	5.5	1.00	12.59	S, MX, 26, 51
1	1800	56YZ	112615.00	√	873	P6C17FZ27	35	115/230	Man.	7.0	1.00	12.11	S, MX, 27
	1800	56YZ	117883.00	√	851	117883.00	35	115/208-230	Man.	5.4	1.25	12.00	S, MX, 27, 51, 64
	1800	56NZ	LM24813	√	851	SRF4S1TZADN1C6028TP-1	32	115/208-230	Man.	6.7	1.00	13.39	S, MX, 27, 51
1 1/2	1800	56YZ	113280.00	√	1,450	P6K17FZ6	47	115/208-230	Man.	6.5	1.00	13.62	S, MX, 27, 53
	1800	56YZ	113301.00	D	1,431	M6K17FZ7	44	115/230	Man.	6.5	1.00	13.62	S, MX, 27, 51, 53
	1800	56YZ	117884.00	√	1,431	117884.00	44	115/208-230	Man.	6.5	1.15	14.51	S, MX, 27, 51, 53, 64
	1800	56NZ	LM24814	√	1,432	SRF4S1.5TZADN1C6028TP1-1	41	115/208/230	Man.	7.6	1.00	14.38	S, MX, 27, 51, 53

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

Note 64 - Stub shaft on ODE for manual jogging

D - Item to be obsoleted when inventory is depleted

Specifications are subject to change without notice

Single Phase - TEFC - 50 Hertz

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 220 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	48YZ	101643.00	√	730	M4C14FZ5	26	110/220	Man.	4.0	1.00	11.47	S, MX, 26, 51
3/4	1800	48YZ	101644.00	√	785	M4C14FZ6	30	110/220	Man.	5.8	1.00	12.22	S, MX, 26, 51
1	1800	56YZ	113906.00	√	953	M6C14FZ8	39	110/220	Man.	6.4	1.00	12.61	S, MX, 27, 51
1 1/2	1800	56YZ	113907.00	√	1,593	P6K14FZ2	48	110/220	Man.	8.6	1.00	13.61	S, MX, 27, 51

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Agricultural Duty Motors

Hatchery and Incubator Fan Motors

Replacement motors for hatchery and incubator fan motors

Features:

- Automatic overload protected
- 15MFD, 370V. capacitor shipped loose with motor 101341.00
- Motor 114102.00 is a split phase two-speed motor
- Double shielded ball bearings

Cat. No. 101341.00

Cat. No. 114102.00

Single Phase - TEAO

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1800	48Y	101341.00	√	454	A4P17NZ24	17	115/230	Auto.	1.4	1.00	8.93	S, MX, 16, 34
1/3	1800	48Z	103878.00	√	490	L4P17NZ149	20	115/230	Auto.	1.65	1.00	9.93	S, MX, 16, 34
1/2-0.22	1800/1200	56H	114102.00	√	592	A6S46NR4	33	115	Auto.	9.3-5.6*	1.25	11.81	S, US

* Full Load amps are at high speed and low speeds, respectively at 115 volts

♥ Note listing on inside back flap

Specifications are subject to change without notice

Feather Picker Motors

Replacement motors used in Poultry feather picker machines

Features:

- Phosphatized or stainless steel shafts drilled and tapped metric shafts
- Epoxy painted for corrosion protection
- Stainless motor - 122009.00
- Encapsulated stainless motor - 122010.00
- Washdown duty features including shaft seals
- USDA approved food-safe paint
- Extra high breakdown torques

Three Phase - TEFC

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
2	1800	145T	121934.00	√	939	C145T17FB87	54	208-230/460	7.0	86.5	1.25	14.76	S, US
	1800	145T	122009.00	√	2,219	C145T17WK49	58	208-230/460	5.8	86.5	1.25	13.25	S, US
	1800	145T	122010.00	√	2,251	C145T17WK50	75	208-230/460	5.6	84.0	1.15	12.75	S, US
	1200	184TZ	132246.00	√	1,430	C184T11FB24	96	230/460	7.2	88.5	1.50	15.96	S, MX
2/1.5	1200	112M	132247.00	√	1,495	C184T11FB25	96	230/460	7.2	88.5	1.50	15.96	S, MX, 29
3	1800	56HZ	115751.00	√	1,057	C6T17FB113	45	208-230/460	8.6	82.5	1.00	14.25	S, US, 5
	1800	145T	121944.00	√	1,057	C145T17FB92	45	230/460	8.6	82.5	1.00	14.25	S, US, 56

Green items are Premium Efficient

♥ Note listing on inside back flap

Note: White Epoxy painted motor 115751 has a 303 stainless steel shaft.

Specifications are subject to change without notice

View On-line Technical Information

Agricultural Duty Motors

Industry-AG • High Torque

General Purpose, heavy duty for industrial and agriculture applications

Features:

- Manual overload protected
- Double sealed ball bearings
- Weather resistant reset button protection
- Capacitor start provides high starting torque

Rigid Base - 115-208/230V - TEFC

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56	M002256.00	D	462	M6C17FB142	24	115-208/230	Man.	2.9	1.15	11.00	S, CN
	1800	56	117862.00	√	396	C6C17FB164	20	115-208/230	Man.	3.3	1.15	11.82	S, MX
1/2	1800	56	117863.00	√	451	C6C17FB165	26	115-208/230	Man.	4.4	1.15	11.82	S, MX
3/4	1800	56	117864.00	√	534	C6C17FB166	33	115-208/230	Man.	5.5	1.15	12.32	S, MX
1	1800	56	117865.00	√	579	C6C17FB167	33	115-208/230	Man.	6.7	1.15	12.82	S, MX
1 1/2	1800	56	M009089.00	D	793	M6K17FB49	41	115-208/230	Man.	9.0	1.00	12.88	S, CN
	1800	56H	117866.00	√	696	C6K17FB61	50	115-208/230	Man.	7.6	1.15	13.82	S, MX
2	1800	56HZ	117867.00	√	797	C6K17FB62	50	230	Man.	9.4	1.15	14.87	S, MX

"M00" Series motors use C Face Kit M064076.00

♥ Note listing on inside back flap

D - Item to be obsoleted when inventory is depleted

Specifications are subject to change without notice

C Face Less Base - 115-208/230 - TEFC

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	M002290.00	D	562	M6C17FC140	24	115-208/230	Man.	2.9	1.15	10.81	S, CN
	1800	56C	117878.00	√	427	C6C17FC178	23	115-208/230	Man.	3.3	1.15	11.82	S, MX
1/2	1800	56C	M009492.00	D	616	M6C17FC141	27	115-208/230	Man.	3.9	1.15	10.81	S, CN
	1800	56C	117879.00	√	481	C6C17FC179	24	115-208/230	Man.	4.4	1.15	11.82	S, MX
3/4	1800	56C	M009493.00	D	695	M6C17FC142	30	115-208/230	Man.	5.0	1.15	11.31	S, CN
	1800	56C	117880.00	√	561	C6C17FC180	28	115-208/230	Man.	5.5	1.15	12.32	S, MX
1	1800	56C	117881.00	√	608	C6C17FC181	30	115-208/230	Man.	6.7	1.15	12.82	S, MX

D - Item to be obsoleted when inventory is depleted

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Agricultural Duty Motors

Variable Speed - High Performance AG Fan Motors

Designed for use in agricultural fan applications where variable speed is required

Features:

- Water-tight connection end compartment
- Locked double sealed ball bearings
- All angle mounting
- Shaft seal on output shaft end
- Automatic overload protected

Single Phase - TEAO - Rigid Base - Extended Thru-Bolts

HP	RPM @ 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1625	48Y	M099899.00	D	349	A4P17NB58	18	115-208/230	Auto.	1.3	1.00	11.30	S, CN
	1625	48Y	A099899.00	√	349	A4P17NZ139	19	115-208/230	Auto.	1.4	1.00	10.89	S, MX
	1060	48Y	A099460.00	√	377	A4P11NB5	23	115-208/230	Auto.	1.5	1.0	11.14	S, MX
1/3	1625	48Y	A099900.00	√	372	A4P17NZ141	20	115-208/230	Auto.	1.6	1.00	10.89	S, MX
	1060	48Y	M099461.00	D	403	A48P11NB26	22	115-208/230	Auto.	1.9	1.00	11.80	S, CN
	1060	48Y	A099461.00	√	403	A4P17NZ86	23	115-208/230	Auto.	1.8	1.00	11.14	S, MX
1/2	1625	48Y	A099901.00	√	413	A4P17NZ142	23	115-208/230	Auto.	2.2	1.00	11.39	S, MX
	1060	48Y	M099462.00	D	440	A4P11NB27	25	115-208/230	Auto.	2.8	1.00	12.20	S, CN
	1060	48Y	A099462.00	√	440	A4P911NZ85	26	115-208/230	Auto.	2.8	1.00	11.39	S, MX

D = Item to be obsolete once inventory has been depleted

Specifications are subject to change without notice

♥ Note listing on inside back flap

Agricultural Fan Motors - Belt Drive • TEAO

Designed for use in agricultural belted fan applications

Features:

- Capacitor start / Capacitor run designs for high efficiency
- Mount in airstream for proper cooling
- Combination 56 / 140 frame stamped steel base

High-Efficiency - Single-Phase

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1725	56	M009580.00	D	505	A6K17NB21	27	115/208-230	–	2.2	1.00	10.33	S, CN
	1725	56	A009580.00	√	505	A6K17NB30	27	115/208-230	–	2.3	1.15	11.44	S, MX
3/4	1725	56H	A009581.00	√	535	A6K17NB29	30	115/208-230	Auto.	3.3	1.00	11.44	S, MX
1	1725	56H	A009782.00	√	557	A6K17NB33	37	115/208-230	Auto.	4.0	1.00	12.44	S, MX
1½	1725	56H	M009594.00	D	664	A6K17NB16	39	115/208-230	Auto.	6.8	1.00	12.60	S, CN
	1725	56H	A009594.00	√	664	A6K17NB32	39	115/208-230	Auto.	5.8	1.00	11.94	S, MX
2	1725	145T	M009595.00	D	737	M145K17NB	47	230	Auto	9.5	1.00	12.80	S, CN, *
	1725	145T	A009595.00	√	737	U145K17NB	47	230	Auto.	9.2	1.00	13.49	S, MX *

♥ Note listing on inside back flap

* Frame mounted conduit box.

D = Item to be obsolete once inventory has been depleted

Specifications are subject to change without notice

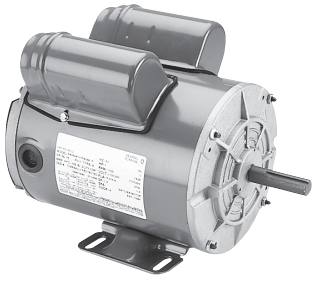
View On-line Technical Information

LEESON

Agricultural Duty Motors

Agriculture Fan
115/230 Volts - Belt Drive - Overload Protection

Features:
- Capacitor start/capacitor run design
- Ball bearings
- LM24777 must be mounted in airstream



Single Phase - TENV - Rigid Base

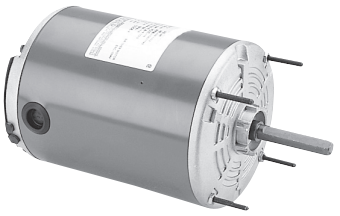
HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1725	56Z	LM24776	√	711	SRN4S0.5TZ1B6027TP2-1	21	115/230	Auto	2.3	1.00	10.47	S, MX, 12, 53
1	1725	56Z	LM24777	√	951	SRA4S1TZ1B6027TP2-1	32	115/230	Auto	4.6	1.00	10.72	S, MX, 53, *

▼ LM Numbers are Lincoln Models
* LM24777 is a TEAO design
Specifications are subject to change without notice

♥ Note listing on inside back flap

Agriculture Fan
Direct Drive Thru-Bolt Mount

Features:
- 1/2" long thru-bolts
- 48Y - 1/2" dia., 1-1/2 long shaft with flat
- 48YZ - 1/2" dia., 2-1/2" long shaft with two flats



Single Speed - Single Phase - TEAO - Thru-Bolt Mount

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 115 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1725	48Y	LM24488	C/A	432	SPN4S0.25TZNY1S6001TP1-1	10	115	Auto	4.0	1.00	7.62	S, MX

▼ LM Numbers are Lincoln Models
C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

Two Speed - Single Phase - TEAO - Thru-Bolt Mount

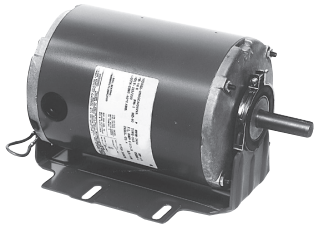
HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 115 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1725	48YZ	LM24492	C/A	451	SPA4/6/1S0.25/0.25TZNY1S6001TP2-1	17	115	Auto	4.1	1.00	11.09	S, MX
1/3	1725	48YZ	LM24491	C/A	507	SPA4/6/1S0.33/0.33TZNY1S6001TP2-1	18	115	Auto	5.3	1.00	11.34	S, MX

▼ LM Numbers are Lincoln Models
C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Features:
- 115 & 230 Volts • Single Phase
- Extended thru-bolts on 48Z frame motos
- 48Z - 1/2 dia. shaft, 2-1/2 long with two flats
- 56Z - 1/2 dia. shaft, 2-1/2" long shaft with keyway
- Includes 5/8" shaft adaptor sleeve with key



Single Phase - TEAO - Resilient Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 115 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1725	48Z	LM24487	C/A	451	SPA4S0.25TZRY1S6001TP2-1	17	115	Auto	3.5	1.00	10.09	S, MX
1/3	1725	48Z	LM24486	√	507	SPA4S0.33TZRY1S6001TP2-1	21	115	Auto	4.5	1.00	10.09	S, MX
1/2	1725	56Z	LM24809	C/A	685	SRA4S0.5TZR1S6027TP2-1	24	115/230	Auto	6.6	1.00	11.34	S, MX

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

Aeration Fan, HVAC
115 & 230 VOLTS • Single Phase

Features:
- Automatic overload protected
- Sealed bearings
- 18" extended leads
- Shaft has keyway and 1/4-20 UNC tapped hole on end of shaft

Single Phase - TEAO - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1	3450	56Z	LM24786	√	550	SRA2S1TZ1C6027L10MB6TP2-1	29	115/230	Auto	5.6	1.15	10.94	S, MX
1 1/2	3475	143TZ	LM24787	√	624	SSA2S1.5TZ1C6027L10MB6TP2-1	35	115/230	Auto	8.4	1.15	11.49	S, MX
3	3510	145TZ	LM24788	√	769	SS145A2S3TZ1B66L10MB6TP2-1	52	230	Auto	11.8	1.15	13.49	S, MX

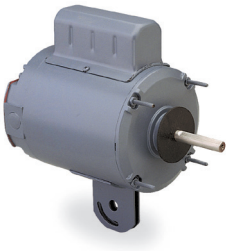
▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

HVAC – Fan Motors



- Various voltages and mounting types available
- Single and three phase fan duty motors
- Rigid base, resilient base, pedestal base, belly band mount and extended thru-bolt mount types
- Drip-Proof, TEFC, TEAO and DPAO designs
- General purpose duty
- Agricultural duty
- UL recognized and CSA certified

Applications:

Ideally suited for a variety of fan applications requiring the motor to either be mounted in or out of the air stream for proper ventilation. Some motors have an epoxy finish for harsh applications and other motors have a baked on enamel finish. Industrial, commercial and agricultural fan motors available.

HVAC - Fan Motors

Resilient Base Motors - Single Phase

Fan & Blower Service - Moderate Starting Torque

General Specifications:

- Drip-proof and totally enclosed designs
- Industrial quality, resilient (cradle) mounted
- Capacitor start-type
- Ball bearing designs
- Moderate starting torque to reduce machinery stresses
- Suitable for belt-driven fans or fan-on-shaft applications

Drip-Proof – Single Phase – Resilient Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥ Notes
1/4	3600	48	101434.00	√	320	A4C34DR8	16	115/208-230	Auto.	2.0	1.00	9.39	S, MX
	1800	48	100109.00	√	376	A4C17DR1	17	115/208-230	Auto.	2.7	1.35	9.89	S, MX
	1800	48	100111.00	√	325	A4C17DR3	17	115/208-230	Auto.	2.7	1.00	9.89	S, MX
	1800	48	102963.00	√	376	A4C17DR47	17	277	Auto.	2.2*	1.35	9.89	S, MX
1/3	3600	48	101431.00	√	329	A4C34DR11	17	115/208-230	Auto.	2.3	1.00	9.39	S, MX
	1800	48	100110.00	√	459	A4C17DR2	18	115/208-230	Auto.	3.3	1.35	9.89	S, MX
	1800	48	101015.00	√	376	A4C17DR31	18	115/208-230	Auto.	3.3	1.00	9.89	S, MX
	1800	S56	100014.00	D	432	C4C17DJ5	19	115/208-230	None	3.3	1.35	10.31	S, MX
	1800	S56	E100014.00	√	541	C4K17DJ9	20	115/208-230	None	1.9	1.35	10.77	S, MX,53
	1800	S56	100010.00	√	459	A4C17DJ2	18	115/208-230	Auto.	3.3	1.35	10.31	S, MX
	1800	S56	100063.00	√	376	A4C17DJ9	19	115/208-230	Auto.	3.3	1.00	10.31	S, MX
	1800	S56	102964.00	√	459	A4C17DJ72	18	277	Auto.	2.8*	1.35	10.31	S, MX
1/2	3600	48	101432.00	√	363	A4C34DR10	20	115/208-230	Auto.	3.4	1.00	9.89	S, MX
	1800	S56	100015.00	D	466	C4C17DJ6	21	115/208-230	None	4.4	1.25	10.81	S, MX
	1800	S56	E100015.00	√	558	C4K17DJ10	22	115/208-230	None	2.3	1.25	11.47	S, MX,53
	1800	S56	100045.00	√	447	M4C17DJ17	20	115/208-230	Man.	4.4	1.00	10.81	S, MX
	1800	S56	101611.00	√	494	A4C17DJ57	22	115/208-230	Auto.	4.4	1.25	10.81	S, MX, 32
	1800	S56	100011.00	√	494	A4C17DJ3	22	115/208-230	Auto.	4.4	1.25	10.81	S, MX
	1800	S56	100064.00	√	449	A4C17DJ10	20	115/208-230	Auto.	4.4	1.00	10.81	S, MX
	1800	S56	102965.00	√	494	A4C17DJ74	22	277	Auto.	3.7*	1.25	10.81	S, MX
3/4	3600	48	101433.00	√	427	A4C34DR9	22	115/208-230	Auto.	4.8	1.00	10.39	S, MX
	3600	S56H	100603.00	√	455	A4C34DJ7	26	115/208-230	Auto.	4.9	1.25	11.31	S, MX
	1800	S56H	100016.00	D	585	C4C17DJ7	26	115/208-230	None	5.4	1.25	11.81	S, MX
	1800	S56H	E100016.00	√	643		27	115/208-230	None				S, MX,53
	1800	S56H	100046.00	√	611	M4C17DJ18	26	115/208-230	Man.	5.4	1.25	11.81	S, MX
	1800	S56H	100047.00	√	511	M4C17DJ19	25	115/208-230	Man.	5.5	1.00	11.81	S, MX
	1800	S56H	101839.00	√	611	A4C17DJ67	28	115/208-230	Auto.	5.4	1.25	11.81	S, MX, 32
	1800	S56H	100012.00	√	611	A4C17DJ4	26	115/208-230	Auto.	5.4	1.25	11.81	S, MX
	1800	S56H	100065.00	√	506	A4C17DJ11	25	115/208-230	Auto.	5.5	1.00	11.81	S, MX
	1800	S56H	102966.00	√	611	A4C17DJ73	26	277	Auto.	4.5*	1.25	11.81	S, MX
1	3600	56H	110478.00	√	525	A6C34DR6	28	115/208-230	Auto.	6.0	1.25	11.85	S, US
	1800	56H	113027.00	D	637	C6C17DR37	30	115/208-230	None	6.4	1.15	11.81	S, US
	1800	56H	E113027.00	√	693	C6K17DR43	31	115/208-230	None	4.2	1.15	12.88	S, MX,53
	1800	56H	110007.00	√	662	A6C17DR1	29	115/208-230	Auto.	6.4	1.15	11.81	S, US
	1800	56H	110054.00	√	647	A6C17DR2	32	115/208-230	Auto.	6.4	1.00	11.81	S, US
	1800	56H	116599.00	√	662	A6C17DR54	29	277	Auto.	5.4*	1.20	11.82	S, US
1 1/2	3600	56H	110479.00	√	675	A6C34DR7	30	115/230	Auto.	8.2	1.15	11.82	S, US
	1800	56H	110579.00	√	801	A6K17DR6	38	115/208-230	Auto	7.2	1.15	12.82	S, US, 6, 53
	1800	56H	116600.00	C/A	801	A6K17DR41	38	277	Auto	6.0*	1.15	12.82	S, US
2	3600	56H	113633.00	D	845	U6C34DR21	38	115/208-230	Auto.	10.0	1.15	13.82	S, US
	1800	56H	113608.00	√	853	A6K17DR28	45	115/208-230	Auto.	10.0	1.15	13.81	S, US, 6, 53
	1800	56H	116601.00	√	853	A6K17DR42	45	277	Auto.	8.7*	1.15	13.82	S, US

Green items are Premium Efficient

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

* F.L. Amps at 277V

Specifications are subject to change without notice

♥ Note listing on inside back flap

D-Item to be discontinued once inventory is depleted

C/A - Check Availability

View On-line Technical Information

LEESON

HVAC – Fan Motors

Single Phase - TEFC - Resilient Base

Features:
- Industrial quality, resilient (cradle) mounted
- High starting torque
- Automatic overload protected
- Suitable for belt-driven fans or fan-on-shaft applications

Single Phase - TEFC - Resilient Base

HP/ kW	RPM 60Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1725	56	110025.00	√	560	A6C17FR1	26	115/208-230	Auto.	4.4	1.15	11.96	S, US
3/4	1725	56	110026.00	√	671	A6C17FR2	28	115/208-230	Auto.	5.4	1.15	12.46	S, US, 6
1	1725	56H	111915.00	√	762	A6C17FR10	31	115/208-230	Auto.	6.4	1.15	12.96	S, US, 6

Specifications are subject to change without notice

♥ Note listing on inside back flap

Wattsaver® Premium Efficiency Fan Motors

Features:
- Premium efficient
- Class F insulation
- Terminal boards
- Automatic overload protected

Single Phase - Drip-Proof - Resilient Base

HP/ kW	RPM 60Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-lod Prot.	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/4	1800	48	101602.00	√	417	A4K17DR7	19	115	Auto.	2.5	1.35	71.00	10.39	S, MX, 32
1/3	1800	48	101405.00	√	493	A4K17DR5	19	115	Auto.	3.2	1.35	75.00	10.39	S, MX, 32
1/2	1800	48	101585.00	√	564	A4K17DR6	25	115	Auto.	4.6	1.35	76.00	11.39	S, MX, 32

Green items are Premium Efficient

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

LEESON®

General Specifications:

- Industrial quality, resilient (cradle) mounted
- Ball bearing design
- Moderate starting torque to reduce fan stresses
- Suitable for belt-driven fans or fan-on-shaft applications

Three Phase - TEFC - Resilient Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/2	1725	56	111917.00	√	526	C6T17NR1	25	208-230/460	None	1.8	1.15	78.5	11.31	S, US, 6, 12
1	1725	56	111918.00	√	592	C6T17FR1	29	208-230/460	None	3.8	1.15	77.0	12.46	S, US, 6

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

Drip-Proof - Three Phase - Resilient Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/3	3450	S56	101639.00	√	382	A4T34DJ4	17	208-230/460	Auto.	1.7	1.35	61.0	10.31	S, US, 33
	1725	S56	100210.00	√	417	C4T17DJ3	18	208-230/460	None	1.6	1.35	64.3	10.31	S, MX
	1725	S56	E100210.00	√	457		19	208-230/460	None		1.35	73.4		S, MX
	1725	S56	101520.00	√	506	A4T17DJ18	19	208-230/460	Auto.	1.6	1.35	64.3	10.81	S, MX, 33
1/2	3450	S56	101640.00	C/A	459	A4T34DJ3	18	208-230/460	Auto.	2.4	1.25	69.0	10.31	S, US, 33
	1725	S56	100145.00	√	478	C4T17DJ1	22	208-230/460	None	2.0	1.25	68.0	10.81	S, MX
	1725	S56	E119360.00	√	534		23	208-230/460	None		1.25	78.2		S, MX
	1725	S56	100796.00	√	556	A4T17DJ10	22	208-230/460	Auto.	2.0	1.25	68.0	11.31	S, MX
3/4	3450	S56	101773.00	√	480	C4T34DJ8	20	208-230/460	None	2.4	1.25	79.0	10.81	S, US
	3450	S56	E101773.00	√	480	C4T34DJ8	20	208-230/460	None	2.4	1.25	79.0	10.81	S, MX
	3450	S56	101641.00	√	560	A4T34DJ5	20	208-230/460	Auto.	2.4		79.0	11.31	S, US, 33
	1725	S56	100146.00	√	530	C4T17DJ2	25	208-230/460	None	2.8	1.25	75.0	11.31	S, MX
	1725	56	E119361.00	√	572		26	208-230/460	None		1.25	81.1		S, MX
	1725	S56	100908.00	√	603	A4T17DJ13	26	208-230/460	Auto.	2.8	1.25	75.0	11.81	S, US, 33
1	3450	56	114192.00	√	511	C6T34DR35	24	208-230/460	None	3.2	1.25	77.0	10.82	S, US
	3450	56	E114192.00	√	511	C6T34DR35	24	208-230/460	None	3.2	1.25	77.0	10.82	S, US
	3450	56	113895.00	C/A	591	A6T34DR30	25	208-230/460	Auto.	3.2	1.25	77.0	10.82	S, US, 33
	1725	56	110052.00	√	557	C6T17DR1	23	208-230/460	None	4.2	1.15	78.5	11.31	S, US
	1725	56	E110052.00	√	720	CRT17DR37	24	208-230/460	None	3.2	1.15	83.5		S, US
	1725	56H	111311.00	√	626	A6T17DR11	27	208-230/460	Auto.	4.2	1.15	78.5	11.31	S, US, 33
11/2	3450	56H	114194.00	C/A	622	C6T34DR36	31	208-230/460	None	4.2	1.15	81.5	11.82	S, US
	3450	56H	E114194.00	C/A	737	C6T34DR3	31	208-230/460	None	4.0	1.15	84.0		S, US
	3450	56H	113896.00	C/A	670	A6T34DR31	29	208-230/460	Auto.	4.2	1.15	81.5	11.82	S, US, 33
	1725	56H	110433.00	√	641	C6T17DR4	32	208-230/460	None	5.6	1.15	78.5	11.81	S, US
	1725	56H	E110433.00	√	773	C6T17DR38	33	208-230/460	None	4.8	1.15	86.5		S, US
	1725	56H	113846.00	√	664	A6T17DR25	29	208-230/460	Auto.	5.6	1.15	78.5	11.81	S, US, 49
2	3450	56H	114196.00	C/A	721	C6T34DR37	36	208-230/460	None	5.6	1.15	82.9	12.32	S, US
	3450	56H	E114196.00	C/A	814	C6T34DR38	37	208-230/460	None	4.8	1.15	86.5		S, US
	3450	56H	113897.00	√	776	A6T34DR32	39	208-230/460	Auto.	5.6	1.15	82.9	12.32	S, US, 33
	1725	56H	114197.00	√	696	C6T17DR29	37	208-230/460	None	6.2	1.15	78.5	12.31	S, US
	1725	56H	E114197.00	√	849	C6T17DR39	38	208-230/460	None	5.8	1.15	86.5		S, US
	1725	56H	113847.00	√	762	A6T17DR26	34	208-230/460	Auto.	6.2	1.15	78.5	12.31	S, US, 33
3	3450	56HZ	113926.00	√	767	U6T34DR33	40	208-230/460	Auto.	7.6	1.00	84.0	13.19	S, US, 33
	1725	56HZ	116593.00	√	835	A6T17DR33	47	230/460	Auto.	8.6	1.15	82.5	14.19	S, US, 33

Green items are Premium Efficient

C/A - Check Availability

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

HVAC – Fan Motors

Fan & Blower Motors - Multi-Speed - Single & Three Phase

Features:

- Variable torque
- PSC Type for shaft mounted fan applications
- Overload protected with a UL and CSA recognized automatic reset protector
- Listed speed or two speed operation using the proper auxiliary switch - reference drawing 005210.01
- Variable speed by using a variable voltage control
- Overload protected with a UL and CSA recognized automatic reset protector
- Must be mounted in airstream for proper motor cooling
- Extended through-bolts
- Epoxy painted motors

Single Phase - TEAO - PSC Type - Resilient Base

HP/ kW	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-lod Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1625	48Z	100803.00	√	370	A4P17NR1	19	115/230	Auto.	1.4	1.00	10.66	S, MX, 16, 34
	1075	48Z	100824.00	√	419	A4P11NR2	20	115/230	Auto.	1.4	1.00	10.66	S, MX, 16, 34
	1075	S56Z	100805.00	√	464	A4P11NJ1	22	115/230	Auto.	1.4	1.00	11.06	S, MX, 17, 34
1/3	1625	48Z	100804.00	√	385	A4P17NR2	21	115/230	Auto.	1.6	1.00	10.66	S, MX, 16, 34
	1625	S56H	100767.00	√	444	A4P17NJ1	22	115/230	Auto.	1.6	1.00	10.31	S, MX, 34
	1625	56HY	111348.00	√	485	A6P17NZ6	24	115/230	Auto.	1.7	1.00	13.44	S, US, 59
	1075	48Z	100825.00	√	455	A4P11NR3	25	115/230	Auto.	1.8	1.00	11.16	S, MX, 16, 34
	1075	S56HZ	100806.00	√	488	A4P11NJ2	27	115/230	Auto.	1.8	1.00	11.56	S, MX, 17, 34
1/2	1625	56HZ	111323.00	√	554	A6P17NR3	30	115/230	Auto.	2.6	1.00	12.56	S, US, 17, 34
	1625	S56H	100768.00	√	457	A4P17NJ2	36	115/230	Auto.	2.2	1.00	10.81	S, MX, 34
	1075	48Z	101645.00	√	491	A4P11NR6	33	115/230	Auto.	2.8	1.00	11.16	S, MX, 16, 34
	1075	56HZ	111321.00	√	575	A6P11NR1	37	115/230	Auto.	3.0	1.00	13.56	S, US, 17, 34
	825	56HZ	111919.00	√	645	A6P8NR2	40	115/230	Auto.	3.2	1.00	13.56	S, US, 17, 34, 50
3/4	1625	56HZ	111324.00	√	606	A6P17NR4	34	115/230	Auto.	3.5	1.00	13.06	S, US, 17
	1625	56H	111266.00	√	606	A6P17NR1	36	115/230	Auto.	3.5	1.00	12.31	S, US,
	1075	56HZ	111322.00	√	652	A6P11NR2	44	115/230	Auto.	4.0	1.00	13.56	S, US, 17, 50
1	1625	56HZ	111267.00	√	678	A6P17NR2	39	115/230	Auto.	4.4	1.00	12.81	S, US,

Specifications are subject to change without notice

♥ Note listing on inside back flap

Single Phase - TEAO - PSC Type - Rigid Base

HP/ kW	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-lod Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1625	48Y	100699.00	√	353	A4P17NB7	19	115/230	Auto.	1.4	1.00	10.65	S, MX
	1750	48Y	101252.00	√	353	A4P17NB27	19	115/208-230	Auto.	1.5	1.00	10.40	S, MX, 50
1/3	1625	48Y	100700.00	√	400	A4P17NB8	21	115/230	Auto.	1.6	1.00	10.65	S, MX
	1625	56Y	111202.00	C/A	462	A6P17NZ1	27	115/230	Auto.	1.7	1.00	12.00	S, US, 62
	1750	48Y	101253.00	√	400	A4P17NB28	22	115/208-230	Auto.	1.9	1.00	10.65	S, MX, 50
	1140	S56Z	100604.00	√	467	A4P11NH1	23	115/230	Auto.	1.8	1.00	11.40	S, MX
1/2	1625	48Y	100701.00	√	430	A4P17NB9	25	115/230	Auto.	2.5	1.00	12.15	S, MX
	1750	S56Y	101176.00	√	440	A4K17NH2	24	115/230	Auto.	3.5	1.00	10.40	S, MX, 50, 54

C/A - Check Availability

♥ Note listing on inside back flap

Motor 101176.00 must be mounted within the airflow of the fan

Specifications are subject to change without notice

View On-line Technical Information

Features:

- Belted or fan-on-shaft applications
- Can be mounted within or outside the fan's airstream
- Resilient mounted for quiet operation
- 3/4 HP and larger single phase are capacitor start motors; smaller single phase are split phase start.
- Ball bearings

Single Phase - Drip-Proof - Resilient Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps High/ Low	Service Factor	"C" Dim. (Inches)	♥Notes
1/4-1/12	1725	48Z	101020.00	√	397	C4S46DR1	20	115	4.2-3.2	1.00	11.64	S, US, 16
1/3-0.15	1725	S56H	101021.00	√	505	C4S46DJ1	26	115	5.0-4.6	1.00	12.27	S, MX
1/2-1/4	1725	56H	111953.00	√	631	C6S46DR1	33	115	7.8-4.6	1.00	12.31	S, US
	1725	56H	113643.00	√	631	C6S46DR2	33	230	3.9-2.3	1.00	12.31	S, US
3/4-1/3	1725	56H	111954.00	√	915	C6C46DR2	38	115	11.6-7.4	1.00	12.81	S, US, 6
	1725	56H	113672.00	√	915	C6C46DR5	39	230	5.8-3.7	1.15	12.81	S, US, 6
1-0.44	1725	56H	111955.00	√	1,077	C6K46DR1	41	115	13.2-9.5	1.00	12.81	S, US, 6, 53
	1725	56H	113373.00	√	1,077	C6K46DR3	39	230	6.5-4.6	1.00	12.81	S, US, 6, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase - Drip-Proof - Resilient Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps High/ Low	Service Factor	"C" Dim. (Inches)	♥Notes
1/2-.22	1725	56H	111956.00	√	951	C6T46DR1	32	208-230	1.8-1.1	1.00	12.31	S, US
	1725	56H	111957.00	C/A	951	C6T46DR2	32	460	0.9-0.5	1.00	12.31	S, US
3/4-1/3	1725	56H	111958.00	√	1,003	C6T46DR3	36	208-230	2.8-1.6	1.00	13.82	S, US, 6
	1725	56H	111959.00	C/A	1,003	C6T46DR4	36	460	1.4-0.8	1.00	12.81	S, US, 6
1-0.44	1725	56H	111960.00	√	1,077	C6T46DR5	40	208-230	4.0-2.4	1.00	12.81	S, US, 6
	1725	56H	111961.00	√	1,077	C6T46DR6	40	460	1.8-1.0	1.00	12.81	S, US, 6
11/2-.67	1725	56H	111962.00	√	1,306	C6T46DR7	40	208-230	5.0-2.6	1.00	12.81	S, US, 6
	1725	56H	111963.00	√	1,306	C6T46DR8	40	460	2.5-1.3	1.00	12.81	S, US, 6

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

HVAC – Fan Motors

Aeration Fan Motors

Totally Enclosed Air Over Motors (TEAO)

Features:

- Suitable for shaft mounted fans
- Capacitor start designs
- Designed to run in the airflow of the driven fan
- Epoxy enamel finish to resist corrosion
- Ball bearing designs

Single Phase - Capacitor Start - TEAO - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps 230V	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3450	56	111332.00	√	460	C6C34NB15	27	115/230	5.0	1.00	10.90	S, US, 22
1	3450	56	111333.00	√	546	C6C34NB16	29	115/230	6.0	1.00	10.90	S, US, 22
1 1/2	3450	56	111949.00	√	706	C6C34NB19	32	115/230	8.5	1.00	11.40	S, US, 22
	3450	143TZ	120374.00	√	759	C143C34NB1	31	115/230	8.5	1.00	11.84	S, US, 22
2	3450	145TZ	120375.00	√	924	C145C34NB1	41	230	10.0	1.00	13.34	S, US, 23
3	3450	145T	120376.00	√	973	C145K34NB1	45	230	12.8	1.00	13.84	S, US, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase - TEAO - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230V	F.L. Eff	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3450	56Z	111334.00	√	471	C6T34NB18	21	208-230/460	2.4	75.5	1.00	9.90	S, US, 22
1	3450	56Z	111335.00	√	511	C6T34NB19	22	208-230/460	3.2	77.0	1.00	9.90	S, US, 22
1 1/2	3450	143TZ	120377.00	√	587	C143T34NB2	31	208-230/460	4.2	82.5	1.00	11.34	S, US, 22
2	3450	145TZ	120378.00	√	695	C145T34NB1	34	208-230/460	5.6	82.5	1.00	11.84	S, US, 22
3	3450	145T	120379.00	√	779	C145T34NB2	38	230/460	7.6	84.0	1.00	12.34	S, US, 23

Specifications are subject to change without notice

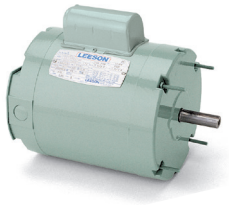
♥ Note listing on inside back flap

View On-line Technical Information

Ventilation Fan Motor - Dust-Tight - Shaft Mounted

Features:

- Permanent split capacitor start motors
- Direct drive exhaust ventilation fans
- Extended thru-bolt designs
- Built in terminal panel for quick connections
- Motors must be mounted in the mounted fan's airstream



Single Phase - PSC Type - TEAO - Thru-Bolt Mount

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps 230V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1625	48Y	M090085.00	D	391	A4P17NZ58	20	115/230	Auto	1.8	1.00	10.79	S, CN
	1625	48Y	103783.00	√	391	A4P17NZ132	22	115/230	Auto	1.7	1.00	10.93	S, MX
1/2	1625	48Y	M090086.00	D	422	A4P17NZ56	22	115/230	Auto	2.5	1.00	10.79	S, CN
	1625	48Y	103782.00	√	422	A4P17NZ131	20	115/230	Auto	2.7	1.00	11.18	S, MX
	825	56Z	114620.00	√	733	A6P8NZ2	35	115/230	Auto	3.2	1.00	12.63	S, US, 50
	850	48Y	M099250.00	D	474	A4P8NZ1	24	115/230	Auto	3.0	1.00	11.00	S, CN, 20, 50
	850	48Y	A099250.00	√	474	A4P8NZ17	24	115/230	Auto	3.2	1.00	10.80	S, MX, 20, 50

D = Item to be obsoleted once inventory has been depleted

♥ Note listing on inside back flap

Specifications are subject to change without notice

Single Phase - PSC Type - TEAO - C Face Less Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	850	S56C	M099251.00	D	478	A4P8NC2	24	115/230	Auto	3.0	1.00	10.40	S, CN, 25
	825	S56C	A099251.00	√	478	A4P8NC3	24	115/230	Auto	3.0	1.15	10.05	S, MX, 25
1	850	S56CZ	M009644.00	D	801	M009644	45	230	Auto	4.6	1.10	15.60	S, CN, 21, 50
	850	S56CZ	A009644.00	√	801	A6P8NC7	45	230	Auto	4.7	1.15	16.10	S, MX, 21, 50

D = Item to be obsoleted once inventory has been depleted

♥ Note listing on inside back flap

Specifications are subject to change without notice

Three Phase - PSC Type - TEAO - C Face Less Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	850	56C	116201.00	√	660	C6T8NC37	35	208-230/460	3.0	1.00	10.90	S, US	S, CN, 25
1	850	56C	116202.00	√	820	C6T8NC38	45	208-230/460	5.0	1.00	12.90	S, US	S, MX, 25

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

HVAC – Fan Motors

Condenser Fan Motors

Features:

- For shaft mounted fan applications
- Belly band and rigid mount designs
- Designed for vertical shaft up applications
- Enclosed shaft end endshield protects against contaminants
- Automatic overload protection
- Double sealed ball bearings
- **NOT FOR USE WITH INVERTERS**

Three Phase - Drip-Proof - Belly Band & Rigid Mount

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230V	F.L. Eff	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1140	56Y	116772.00	√	674	A6T11Z3	25	208-230/460	2.8	66.0	1.15	12.56	S, US, 58
3/4	1140	56Y	116773.00	√	730	A6T11Z2	31	208-230/460	3.4	75.5	1.15	13.06	S, US, 58
1	1140	56Y	111147.00	√	829	A6T11DZ1	37	208-230/460	3.6	77.0	1.15	14.06	S, US, 58
	1140	56Y	115778.00	√	769	A6T11DB20	37	208-230/460	4	77.0	1.15	14.05	S, US, 60
11/2	1140	56Y	111148.00	√	905	A6T11DZ2	42	208-230/460	5.2	78.0	1.15	15.06	S, US, 58
	1140	56HY	115779.00	√	836	A6T11DB21	39	208-230/460	5.6	79.0	1.15	15.55	S, US, 60

Note 58 - Belly Band Mount

Note 60 - Rigid Base Mount

♥ Note listing on inside back flap

Specifications are subject to change without notice

Fan & Blower Motors
Single Phase - Commercial Duty

Designed for continuous duty use in ventilation fans, blowers and other belt driven or fan-on-shaft applications.

Features:

- Split phase design motors
- Belt driven or fan-on-shaft applications
- Resilient base for quiet operation
- Automatic overload protection
- Built-in terminal panel for easy connection

LEESON FHP ELECTRIC MOTORS

Single Phase - Drip-Proof - Resilient Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 115 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1725	48	191868.00	D	270	A4S17DR55	15	115/230	Auto.	2.3	1.35	9.37	S, CN, 32
	1725	48	103797.00	√	270	A4S17DR71	15	115/230	Auto.	2.6	1.35	9.93	S, MX, 32
1/3	1725	48	191869.00	D	291	A4S17DR56	17	115/230	Auto.	3.3	1.35	9.88	S, CN, 32
	1725	48	103795.00	√	291	A4S17DR69	17	115/230	Auto.	2.8	1.35	10.18	S, MX, 32
1/2	1725	48	191870.00	D	336	A4S17DR57	19	115/230	Auto.	4.6	1.25	10.39	S, CN, 32
	1725	48	103796.00	√	336	A4S17DR70	20	115/230	Auto.	4.6	1.25	10.18	S, MX, 32

D = Item to be obsoleted once inventory is depleted

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

LEESON

Residential / Industrial - Split Phase - Belted Fan Motors

Designed for use in air conditioners, roof ventilators and exhaust fans.

Features:

- Low starting torque
- Ball bearings
- Resilient "cradle" style base
- Automatic overload protection

Single Phase - Split Phase - Drip-Proof - Resilient Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 115 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1725	48YZ	M900195.00	√	246	48S17D1301	13	115	Auto.	5.0	1.35	9.72	S, MX, 7
1/3	1725	56	M900277.00	√	474	56S17D7208	20	115	Auto.	5.3/2.9	1.35	10.78	S, MX
	1725	48YZ	M900196.00	√	290	48S17D1303	15	115	Auto.	6.1	1.35	9.72	S, MX, 7
1/2	1725	56	M900599.00	C/A	593	56S17D5710	30	115	Auto.	8.4/4.5	1.25	11.85	S, US
	1725	48YZ	M900197.00	√	379	48S17D1302	20	115	Auto.	7.2	1.25	10.72	S, MX, 7

C/A = Check Availability

Note 7 - includes sleeve to convert shaft to 5/8 inch

Specifications are subject to change without notice

♥ Note listing on inside back flap

Premium Efficiency - Industrial / Residential - Belted Fan Motors

Designed for use in residential or industrial belted fan applications.

Features:

- High efficiency designs
- Ball bearings
- Special balanced rotors
- Spade connectors on terminal board
- Automatic overload protection
- Drop-in replacement for most standard belted-fan motors
- Extremely quiet running compared to standard fan motors
- Consumes approximately half of the power of a standard fan motor

Single Phase - Drip-Proof - Resilient Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 115 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1725	48	M090602.00	D	320	A4K17DR11	15	115	Auto.	2.5	1.00	9.88	S, CN, 32, 55
	1725	48	A090602.00	√	320	A4K17DR14	15	115	Auto.	2.4	1.35	10.39	S, MX, 32, 55
1/3	1725	48	M090405.00	D	336	A4K17DR9	19	115	Auto.	3.2	1.35	9.88	S, CN, 32, 55
	1725	48	A090405.00	√	336	A4K17DR15	19	115	Auto.	3.2	1.35	10.39	S, MX, 32, 55
1/2	1725	48	M090585.00	D	413	A4K17DR10	22	115	Auto.	4.6	1.00	10.50	S, CN, 32, 53
	1725	48	A090585.00	√	413	A4K17DR13	22	115	Auto.	5.0	1.35	11.64	S, MX, 32, 53

D - Item to be discontinued once inventory is depleted

Specifications are subject to change without notice

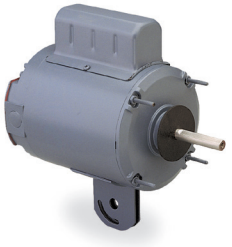
♥ Note listing on inside back flap

View On-line Technical Information

HVAC – Fan Motors

Pedestal Fan Motors - PSC Type

Designed for use where the fan is mounted directly to the motor shaft Yoke style mount is industry standard type mount.



Features:

- Drop-in replacement for most standard belted-fan motors
- Extremely quiet running compared to standard fan motors
- Consumes approximately half of the power of a standard fan motor
- Permanent split capacitor type
- Ball bearing design
- Heavy-gauge steel yoke is welded to the motor frame
- 10-32 mounting studs are extended 1.0" on 5.14" bolt circle
- Motors are UL and CSA recognized for both the U.S. and Canadian markets
- Automatic overload protection

Single Phase - PSC Type - TEAO - Yoke Mount

HP	RPM 60 Hz*	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	Shaft Dia.	"C" Dim. (Inches)	♥Notes
1/4	1625	48Y	191872.00	D	270	A4P17NZ63	14	115/230	Auto.	2.6	1.00	0.50	10.95	S, CN
	1625	48Y	103711.00	√	270	A4P17NZ117	22	115/230	Auto.	3.6	1.00	0.50	10.81	S, MX
	1625	48Y	191908.00	D	270	A4P17NZ64	14	115/230	Auto.	2.6	1.00	0.63	10.95	S, CN
	1625	48Y	103712.00	√	270	A4P17NZ118	23	115/230	Auto.	3.6	1.00	0.63	10.81	S, MX
	1075	48Y	191891.00	D	299	A4P11NZ26	22	115/230	Auto.	2.4	1.00	0.50	10.95	S, CN
	1075	48Y	103713.00	√	299	A4P17NZ119	18	115	Auto.	3.2	1.00	0.50	10.06	S, MX
	1075	48Y	191909.00	D	299	A4P11NZ27	25	115/230	Auto.	2.4	1.00	0.63	10.95	S, CN
	1075	48Y	103714.00	√	299	A4P17NZ120	18	115	Auto.	3.2	1.00	0.63	10.06	S, MX
1/3	1625	48Y	103715.00	√	296	A4P17NZ121	24	115/230	Auto.	3.5	1.00	0.50	10.81	S, MX
	1625	48Y	191910.00	D	296	A4P17NZ66	15	115/230	Auto.	3.4	1.00	0.63	10.95	S, CN
	1625	48Y	103716.00	√	296	A4P17NZ122	20	115/230	Auto.	3.5	1.00	0.63	10.81	S, MX
	1075	48Y	191892.00	D	335	A4P11NZ28	23	115/230	Auto.	3.0	1.00	0.50	11.46	S, CN
	1075	48Y	103717.00	√	335	A4P17NZ123	20	115	Auto.	4.2	1.00	0.50	10.06	S, MX
	1075	48Y	103718.00	√	335	A4P17NZ124	25	115	Auto.	4.2	1.00	0.63	10.06	S, MX
1/2	1625	48Y	103719.00	√	341	A4P17NZ125	25	115/230	Auto.	5.4	1.00	0.50	11.06	S, MX
	1625	48Y	103720.00	√	341	A4P17NZ126	25	115/230	Auto.	5.4	1.00	0.63	11.06	S, MX
	1075	48Y	191893.00	D	388	A4P11NZ30	26	115/230	Auto.	5.0	1.00	0.50	11.93	S, CN
	1075	48Y	103721.00	√	388	A4P17NZ127	25	115	Auto.	5.7	1.00	0.50	11.06	S, MX
	1075	48Y	191912.00	D	388	A4P11NZ31	26	115/230	Auto.	5.0	1.00	0.63	11.93	S, CN
	1075	48Y	103722.00	√	388	A4P17NZ128	25	115	Auto.	5.7	1.00	0.63	11.06	S, MX

* Two-speed operation possible by connecting 115V power to 230V connections. Actual speed (approx. 67% of rated speed) will depend on fan blade design.
^ - F.L. Amps at 230 V
D - Item to be discontinued once inventory is depleted
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Variable torque motors are typically used on applications such as fans, blowers and centrifugal pumps.
Constant torque motors are typically used on mixers, compressors, conveyors, extractors, feeders and laundry machinery.
Constant horsepower motors are typically used on machine tools such as drills, lathes, punch presses and milling machines.

Features:
- Two-speed, single winding designs
- Totally enclosed fan cooled designs
- Ball bearing designs
- Single voltage designs

Variable Torque - 460 Volt - Three Phase - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/.25	1800/900	143T	120945.00	C/A	977	C143T48FB7	36	460	1.6–0.7	1.0	12.75	S, US
1.5/.37	1800/900	145T	120941.00	√	1,017	C145T48FB60	36	460	2.4–1.0	1.0	12.75	S, US
2/.5	1800/900	145T	120940.00	C/A	1,185	C145T48FB48	36	460	3.2–1.3	1.0	12.75	S, US
3/.75	1800/900	184T	131474.00	C/A	1,269	C184T48FB67	77	460	4.0–1.8	1.0	14.46	S, MX
5/1.2	1800/900	184T	131475.00	√	1,620	C184T48FB68	107	460	6.5–2.5	1.0	15.96	S, MX
7.5/1.9	1800/900	215T	140447.00	√	2,283	C215T48FB46	155	460	9.7–3.3	1.0	17.71	S, MX
10/2.5	1800/900	215T	140448.00	√	2,689	C215T48FB48	168	460	12.7–4.2	1.0	18.71	S, MX

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

Variable Torque - 208-230 Volt - Three Phase - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/.25	1800/900	143T	120944.00	C/A	977	C143T48FB6	36	208-230	3.2–1.4	1.0	12.75	S, US
1.5/.37	1800/900	145T	120947.00	C/A	1,019	C145T48FB61	36	208-230	4.8–2.0	1.0	12.75	S, US
2/.5	1800/900	145T	120946.00	√	1,185	C145T48FB59	35	208-230	6.3–2.6	1.0	12.75	S, US
3/.75	1800/900	184T	131468.00	√	1,269	C184T48FB61	78	208-230	8.0–3.6	1.0	14.46	S, MX
5/1.2	1800/900	184T	131469.00	√	1,620	C184T48FB62	94	208-230	13.0–5.0	1.0	15.96	S, MX
7.5/1.9	1800/900	215T	140443.00	C/A	2,305	C215T48FB45	154	208-230	19.4–6.6	1.0	17.71	S, MX
10/2.5	1800/900	215T	140444.00	C/A	2,689	C215T48FB47	166	208-230	25.4–8.4	1.0	18.71	S, MX

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

Continued To Next Page

View On-line Technical Information

HVAC – Fan Motors

Fan & Blower Motors - Multi-Speed - Three Phase

Constant Torque - 460 Volt - Three Phase - One Winding - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/.5	1800/900	143T	120943.00	C/A	1,393	C143T48FB9	36	460	1.4–1.6	1.0	13.25	S, US
2/1	1800/900	184T	131471.00	√	1,780	C184T48FB64	68	460	2.9–2.9	1.0	13.96	S, MX
3/1.5	1800/900	184T	131470.00	√	2,020	C184T48FB63	80	460	3.8–3.5	1.0	14.96	S, MX
5/2.5	1800/900	215T	140445.00	C/A	2,640	C215T48FB43	145	460	6.7–7.0	1.0	17.71	S, MX

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

Constant Torque - 208-230 Volt - Three Phase - One Winding - TEFC - Rigid Base

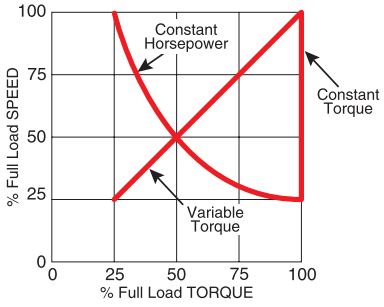
HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/.5	1800/900	143T	120942.00	C/A	1,393	C143T48FB8	37	208-230	3.2–4.2	1.0	12.75	S, US
2/1	1800/900	184T	131473.00	C/A	1,780	C184T48FB66	69	208-230	5.8–5.7	1.0	13.96	S, MX
3/1.5	1800/900	184T	131472.00	√	2,020	C184T48FB65	80	208-230	7.6–6.9	1.0	14.96	S, MX
5/2.5	1800/900	215T	140446.00	C/A	2,640	C215T48FB44	137	208-230	13.4–14.0	1.00	17.71	S, MX

C/A - Check Availability

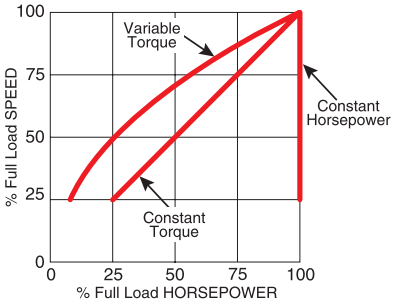
♥ Note listing on inside back flap

Specifications are subject to change without notice

TORQUE



HORSEPOWER



View On-line Technical Information

These fan and blower duty motors are designed for dependable, energy saving performance in applications where the fan is mounted on the shaft of the motor.

Features:

- Two-winding - variable torque
- PSC Type for shaft mounted fan applications
- Overload protected with a UL and CSA recognized automatic reset protector
- Listed speed or two speed operation using the proper auxiliary switch
- Variable speed by using a variable voltage control
- Overload protected with a UL and CSA recognized automatic reset protector
- Must be mounted in airstream for proper motor cooling
- Extended thru-bolts

Single Phase - PSC - TEAO - Resilient Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1625	48Z	100803.00	√	370	A4P17NR1	19	115/230	Auto.	1.4	1.00	10.66	S, MX, 16, 34
	1075	48Z	100824.00	√	419	A4P11NR2	20	115/230	Auto.	1.4	1.00	10.66	S, MX, 16, 34
	1075	S56Z	100805.00	√	464	A4P11NJ1	22	115/230	Auto.	1.4	1.00	11.06	S, MX, 17, 28
1/3	1625	48Z	100804.00	√	385	A4P17NR2	21	115/230	Auto.	1.6	1.00	10.66	S, MX, 16, 34
	1625	S56H	100767.00	√	444	A4P17NJ1	22	115/230	Auto.	1.6	1.00	10.31	S, MX, 34, 59
	1625	56HY	111348.00	√	485	A6P17NZ6	24	115/230	Auto.	1.7	1.00	13.44	S, US, 34
	1075	48Z	100825.00	√	455	A4P11NR3	25	115/230	Auto.	1.8	1.00	11.16	S, MX, 16, 34
	1075	S56HZ	100806.00	√	488	A4P11NJ2	27	115/230	Auto.	1.8	1.00	11.56	S, MX, 17, 28
1/2	1625	56HZ	111323.00	√	554	A6P17NR3	30	115/230	Auto.	2.6	1.00	12.56	S, US, 17, 34
	1625	S56H	100768.00	√	457	A4P17NJ2	36	115/230	Auto.	2.2	1.00	10.81	S, MX, 17
	1075	48Z	101645.00	√	491	A4P11NR6	33	115/230	Auto.	2.8	1.00	11.16	S, MX, 16, 34
	1075	56HZ	111321.00	√	575	A6P11NR1	37	115/230	Auto.	3.0	1.00	13.56	S, US, 17, 34
	825	48YZ	A099836.00	√	495	A4P8NR2	24	115/230	Auto.	3.2	1.00	11.55	S, MX, 19, 34, 50
	825	56HZ	111919.00	√	645	A6P8NR2	40	115/230	Auto.	3.2	1.15	13.56	S, US, 17, 34, 50
3/4	1625	56HZ	111324.00	√	606	A6P17NR4	34	115/230	Auto.	3.5	1.00	13.06	S, US, 17, 34
	1625	56H	111266.00	√	606	A6P17NR1	36	115/230	Auto.	3.5	1.00	12.31	S, US, 34
	1075	56HZ	111322.00	√	652	A6P11NR2	44	115/230	Auto.	4.0	1.00	13.56	S, US, 17, 34, 50
1	1625	56HZ	111267.00	√	678	A6P17NR2	39	115/230	Auto.	4.4	1.00	12.81	S, US, 34

Specifications are subject to change without notice

♥ Note listing on inside back flap

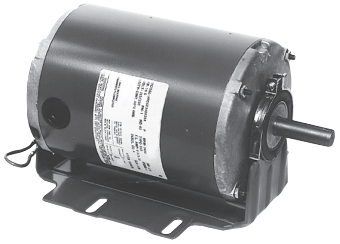
View On-line Technical Information

HVAC – Fan Motors

PSC - Variable Speed - Resilient Base - Single Phase

Features:

- Agricultural fan duty
- Extended thru-bolts
- Totally enclosed air over (TEAO) designs



Single Phase - TEAO - Resilient Base - PSC Type

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1625	48Z	LM24445	√	593	SPA4S0.25TZRY1A6027AP11-1	20	115/230	Auto.	1.8	1.00	11.06	S, MX, 16
	1625	48Z	LM24447	C/A	459	SPA4S0.25TZRY1A6027AP10-1	17	115/230	Auto.	1.6	1.00	10.09	S, MX, 16
1/3	1625	48Z	LM24450	√	651	SPA4S0.33TZRY1A6027AP11-1	23	115/230	Auto.	1.9	1.00	11.81	S, MX, 16
	1625	48Z	LM24448	√	505	SPA4S0.33TZRY1A6027AP10-1	17	115/230	Auto.	2.2	1.00	10.09	S, MX, 16
	1075	48Z	LM24443	√	629	SPA6S0.33TZRY1A6027AP10-1	15	115/230	Auto.	2.1	1.00	10.84	S, MX, 16
1/2	1625	48Z	LM24446	√	722	SPA4S0.5TZRY1A6027AP11-1	23	115/230	Auto.	2.7	1.00	11.81	S, MX, 16
	1625	48Z	LM24449	√	559	SPA4S0.5TZRY1A6027AP10-1	21	115/230	Auto.	3.0	1.00	10.84	S, MX, 16
	1075	48Z	LM24444	√	722	SPA6S0.5TZRY1A6027AP10-1	19	115/230	Auto.	3.2	1.00	10.84	S, MX, 16

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

Single Phase - TEAO - Rigid Base - PSC Type

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1750	48Y	101252.00	√	353	A4P17NB27	19	115/208-230	Auto.	1.5	1.00	10.90	S, MX, 50
	1625	48Y	100699.00	√	353	A4P17NB7	19	115/230	Auto.	1.4	1.00	10.65	S, MX
	1650	48Y	M099799.00	D	353	A4P17NB55	19	115/230	Auto.	1.5	1.00	10.79	S, CN
	1075	48Y	M099260.00	D	368	A4P11NB23	21	115/230	Auto.	1.2	1.00	10.83	S, CN
	1075	48Y	A099260.00	√	368	A4P11NB52	21	115/230	Auto.	1.5	1.00	10.65	S, MX
1/3	1725	48Y	M090253.00	D	364	A4P17NB54	22	115/230	Auto.	1.8	1.00	10.47	S, CN, 50
	1750	48Y	101253.00	√	400	A4P17NB28	22	115/208-230	Auto.	1.9	1.00	10.65	S, MX, 50
	1625	48Y	100700.00	√	400	A4P17NB8	22	115/230	Auto.	1.6	1.00	10.65	S, MX
	1625	48Y	M099800.00	D	462	A4P17NB56	22	115/230	Auto.	1.8	1.00	10.79	S, CN
	1625	56Y	111202.00	C/A	400	A6P17NZ1	24	115/230	Auto.	1.7	1.00	12.00	S, US, 58
	1140	S56Y	100604.00	√	434	A4P11NH1	23	115/230	Auto.	1.8	1.00	11.40	S, MX
	1075	48Y	M099261.00	D	434	A4P11NB24	21	115/230	Auto.	1.5	1.00	11.34	S, CN
	1075	48Y	A099261.00	√	467	A4P11NB53	21	115/230	Auto.	1.8	1.00	10.90	S, MX
1/2	1750	S56Y	101176.00	√	440	A4K17NH2	26	115/230	Auto.	3.5	1.00	10.40	S, MX, 50, 54
	1750	48Y	100701.00	√	430	A4P17NB9	29	115/230	Auto.	2.5	1.00	12.15	S, MX
	1625	48Y	M099801.00	D	430	A4P17NB57	29	115/230	Auto.	2.5	1.00	10.79	S, CN
	1060	48Y	M099946.00	D	450	A4P11NB28	26	115/230	Auto.	2.5	1.00	11.81	S, CN
	1075	48Y	A099946.00	√	450	A4P11NB54	26	115/230	Auto.	2.5	1.00	11.90	S, MX
3/4	1075	48Y	M099847.00	D	642	A6P11NB4	36	115/230	Auto.	3.6	1.00	13.56	S, CN
	1075	56HZ	A099847.00	√	642	A6P11NB5	35	115/230	Auto.	3.7	1.00	13.56	S, MX

♥ Note listing on inside back flap

C/A - Check Availability

D - Item to be discontinued once inventory is depleted

Specifications are subject to change without notice

View On-line Technical Information

Used in Ag fan and blower applications. Screens used to protect against entry of pests and and silage.

Features:

- NEMA Premium and EPAct efficiency
- Rodent screens
- Re-greasable bearings
- Cast Iron construction
- 1.25 service factor
- Class F insulation
- Inverter duty insulation system
- UL recognized and CSA certified

Three Phase - Open Drip Proof - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	F.L. Eff.	"C" Dim. (Inches)	♥Notes
10	1800	215T	G151828.60	√	1,117	C215T17DB54	168	208-230/460	25.0	89.5	16.75	C, CN
15	1800	254T	G151540.60	√	1,644	C254T17DB12	265	208-230/460	37.6	91.0	21.89	C, CN
	1800	254T	170540.60	√	2,132	C254T17DB45	279	208-230/460	37.0	93.0	20.94	C, CN
20	1800	256T	G151541.60	√	2,045	C256T17DB7	307	208-230/460	48.0	91.7	23.54	C, CN
	1800	256T	170541.60	√	2,600	C256T17DB10	324	208-230/460	51.0	93.0	22.60	C, CN
25	1800	284T	G151829.60	C/A	2,236	C284T17DB11	388	208-230/460	59.6	91.7	23.54	C, CN
30	1800	286T	G151542.60	√	2,848	C286T17DB12	434	208-230/460	72.0	92.4	26.57	C, CN
	1800	286T	170542.60	√	3,501	C286T17DB13	471	208-230/460	71.0	93.6	25.00	C, CN

Green items are Premium Efficient

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

HVAC – Fan Motors

Crop Dryer Motors

Features:

- Open air over, fan-on-shaft design
- Continuous duty
- Thermostats provide overload protection
- Extra nameplate provided for remote mount
- Keyed shaft with 1/4-20 UNC tapped hole in end
- Grey epoxy painted
- Rodent screen protection

Single Phase - Rigid Base - Open Air Over

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3-4.5	3600	145TZ	LM24778	√	1,231	SSD2S3-4.5TZ1B66QS10-1	46	230	Auto	13.0	1.50	13.74	S, MX
5-7	3600	182TZ	131847.00	√	1,446	C182C34DB2	91	230	T-Stat	27.2-35.0	1.00	16.44	S, MX
7.5-10	3600	182TZ	131848.00	√	1,607	C182K34DB4	95	230	T-Stat	31.0-42.0	1.00	16.44	S, MX
7-10	3600	184TZ	LM24780	√	2,015	SSD2S7-10TZ1B66QS11-1	102	230	T-Stat	31.0-42.0	1.40	15.94	S, MX
10-15	3600	215TZ	140640.00	√	2,471	C215K34DB2	159	230	T-Stat	39.5-61.5	1.00	20.42	S, MX
	3600	215TZ	LM24782	√	2,559	SS215D2S10-15TZ1C66QS11-1	135	230	T-Stat	39.5-61.5	1.50	18.16	S, MX
	3600	215TZ	141084.00	√	2,471	C215K34DB3	159	230	T-Stat	40.0	1.00	20.08	S, MX, 52

▼ LM Numbers are Lincoln Models
Note 52 - Extra High Starting Torque
Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase - Rigid Base - Open Air Over

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
5-7.5	3600	184TZ	131849.00	√	1,171	C184T34DB8	70	208-230/460	T-Stat	19.0	1.00	13.94	S, MX
7.5-10	3600	184TZ	131850.00	√	1,367	C184T34DB9	85	208-230/460	T-Stat	24.2	1.00	15.44	S, MX
10-15	3600	215TZ	140641.00	√	1,649	C215T34DB3	95	208-220/440	T-Stat	40.0	1.50	17.41	S, MX

Specifications are subject to change without notice

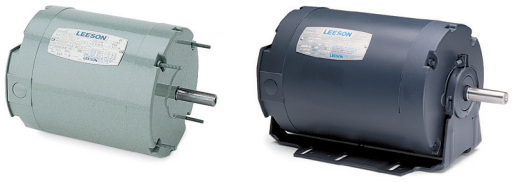
♥ Note listing on inside back flap

View On-line Technical Information

Hatchery and Incubator Fan Motors

Features:

- Automatic overload protected
- 15MFD, 370V capacitor shipped loose with motor
- 101341.00 is a permanent split capacitor motor
- Motor 114102.00 is a split phase two-speed motor
- Double shielded ball bearings



Single Phase - TEAO

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1625	48Y	101341.00	√	454	A4P17NZ24	17	115/230	Auto.	2.8	1.00	8.93	S, US, 16, 34, 58
1/3	1800	48Z	103878.00	√	490	L4P17NZ149	20	115/230	Auto.	1.65	1.00	9.93	S, MX, 16, 34
1/2-0.22	1725	56H	114102.00	√	592	A6S46NR4	33	115	Auto.	9.3-5.6*	1.25	11.81	S, US

* Full Load amps are at high speed and low speeds, respectively at 115 volts

♥ Note listing on inside back flap

Specifications are subject to change without notice

Variable Speed - High Performance AG Fan Motors

Features:

- Water-tight connection end compartment
- Locked double sealed ball bearings
- All angle mounting
- Shaft seal on output shaft end
- Automatic overload protection

Single Phase - PSC Type - TEAO - Rigid Base - Extended Thru-Bolts

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1625	48Y	M099899.00	D	349	A4P17NB58	18	115-208/230	Auto.	1.3	1.00	11.30	S, CN
	1625	48Y	A099899.00	√	349	A4P17NZ139	19	115-208/230	Auto.	1.4	1.00	10.64	S, MX
	1060	48Y	A099460.00	√	377	A4P11NB5	23	115-208/230	Auto.	1.5	1.0	11.14	S, MX
1/3	1625	48Y	A099900.00	√	372	A4P17NZ141	20	115-208/230	Auto.	1.6	1.00	10.89	S, MX
	1060	48Y	M099461.00	D	403	A48P11NB26	22	115-208/230	Auto.	1.9	1.00	11.80	S, CN
	1060	48Y	A099461.00	√	403	A4P17NZ86	23	115-208/230	Auto.	1.8	1.00	11.14	S, MX
1/2	1625	48Y	A099901.00	√	413	A4P17NZ142	23	115-208/230	Auto.	2.7	1.00	11.39	S, MX
	1060	48Y	M099462.00	D	440	A4P11NB27	25	115-208/230	Auto.	2.8	1.00	12.20	S, CN
	1060	48Y	A099462.00	√	440	A4P11NZ85	26	115-208/230	Auto.	2.8	1.00	11.39	S, MX

D = To be obsoleted once inventory has been depleted

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

HVAC – Fan Motors

Agricultural Fan Motors - Belt Drive - TEAO

Features:

- Capacitor start / capacitor run designs for high efficiency
- Mount in airstream for proper cooling
- Combination 56 / 140 frame stamped steel base

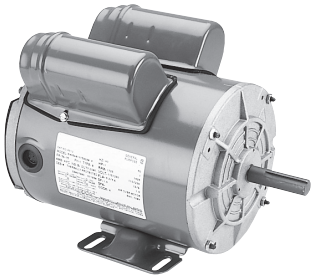
High Efficiency - Single Phase

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/2	1725	56	M009580.00	D	505	A6K17NB21	27	115/208-230	–	2.2	1.00	10.33	S, CN
	1725	56	A009580.00	√	505	A6K17NB30	27	115/208-230	–	2.3	1.15	11.44	S, MX
3/4	1725	56H	A009581.00	√	535	A6K17NB29	30	115/208-230	Auto.	3.3	1.00	11.44	S, MX
1	1725	56H	A009782.00	√	557	A6K17NB33	37	115/208-230	Auto.	4.0	1.00	11.44	S, MX
1 1/2	1725	56H	M009594.00	D	664	A6K17NB16	39	115/208-230	Auto.	6.8	1.00	12.60	S, CN
	1725	56H	A009594.00	√	664	A6K17NB32	39	115/208-230	Auto.	5.8	1.00	11.94	S, MX
2	1725	145T	M009595.00	D	737	M145K17NB	47	230	Auto	9.5	1.00	12.80	S, CN, *
	1725	145T	A009595.00	√	737	U145K17NB	47	230	Auto.	9.2	1.00	13.49	S, MX

Note * = Motor M009595.00 has a frame mounted conduit box
D = Item to be obsoleted once inventory has been depleted
Specifications are subject to change without notice

♥ Note listing on inside back flap

Agriculture Fan
115/230 Volts - Belt Drive - Overload Protection



LM24777 is TEAO Design - Single Phase - TENV - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1725	56Z	LM24776	√	711	SRN4S0.5TZ1B6027TP2-1	21	115/230	Auto	2.3	1.00	10.47	S, MX, 12, 53
1	1725	56Z	LM24777	√	951	SRA4S1TZ1B6027TP2-1	32	115/230	Auto	4.6	1.00	10.72	S, MX, 53

▼ LM Numbers are Lincoln Models
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Features:
- 1/2" long thru-bolts
- 48Y - 1/2" dia., 1-1/2 long shaft with flat
- 48YZ - 1/2" dia., 2-1/2" long shaft with two flats

Single Speed - Single Phase - TEAO - Thru-Bolt Mount

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 115 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1725	48Y	LM24488	√	432	SPN4S0.25TZNY1S6001TP1-1	10	115	Auto	4.0	1.00	7.62	S, MX

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

Specifications are subject to change without notice

Two Speed - Single Phase - TEAO - Thru-Bolt Mount

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 115 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1725	48YZ	LM24492	√	451	SPA4/6/1S0.25/0.25TZNY1S 6001TP2-1	17	115	Auto	4.1	1.00	11.09	S, MX
1/3	1725	48YZ	LM24491	√	507	SPA4/6/1S0.33/0.33TZNY1S 6001TP2-1	18	115	Auto	5.3	1.00	11.34	S, MX

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

Specifications are subject to change without notice

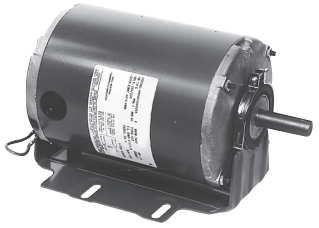
View On-line Technical Information

HVAC – Fan Motors

Agriculture Fan

Features:

- Single phase - 115 & 230 Volts
- Extended thru-bolts on 48Z frame motors
- 48Z - 1/2 dia. shaft, 2-1/2 long with two flats
- 56Z - 1/2 dia. shaft, 2-1/2" long shaft with keyway
- Includes 5/8" shaft adaptor sleeve with key



Single Phase - PSC Type - TEAO - Resilient Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/4	1725	48Z	LM24487	C/A	451	SPA4S0.25TZRY1S6001TP2-1	17	115	Auto	3.5	1.00	10.09	S, MX
1/3	1725	48Z	LM24486	√	507	SPA4S0.33TZRY1S6001TP2-1	21	115	Auto	4.5	1.00	10.09	S, MX
1/2	1725	56Z	LM24809	C/A	685	SRA4S0.5TZR1S6027TP2-1	24	115/230	Auto	6.6	1.00	11.34	S, MX

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

Aeration Fan, HVAC
115 & 230 Volts - Single Phase

Features:

- Automatic overload protected
- Sealed bearings
- 18" extended leads
- Shaft has keyway and 1/4-20 UNC tapped hole on end of shaft

Single Phase - TEAO - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1	3600	56Z	LM24786	√	550	SRA2S1TZ1C6027L10MB6TP2-1	29	115/230	Auto	5.6	1.15	10.94	S, MX
1 1/2	3600	143TZ	LM24787	√	624	SSA2S1.5TZ1C6027L10MB6TP2-1	35	115/230	Auto	8.4	1.15	11.49	S, MX
3	3600	145TZ	LM24788	√	769	SS145A2S3TZ1B66L10MB6TP2-1	52	230	Auto	11.8	1.15	13.49	S, MX

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

TEAO Cooling Tower Single Speed Motors

Applications:
Cooling towers, Fan and Blowers, and other severe duty environments where long life and high efficiency are desired.

Features:

- Complete cast iron construction for rigidity and reduced vibration
- Epoxy painted
- Severe duty treatment of internal parts
- Class F insulation
- F-1 / F-2 Capable
- Re-greaseable bearings
- Brass T-drain installed - both ends at 6:00
- Inpro Shaft seal protected
- Shaft grounding ring (SGRs) installed
- Inverter rated IRIS™ insulation system
- 10 : 1 constant and variable torque rated
- Extra nameplate with CE for external mounting
- Designed for shaft up mounting
- Two year warranty
- 1.15 S.F. under sine wave power

Three Phase - TEAO - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	"C" Dim. (Inches)	♥Notes
3	1800	182T	824528.00	√	1,296	182TTTN16569	123	230/460	8.0	90.2	13.82	C, US
5	1800	184T	824529.00	√	1,416	184TTTN16542	155	230/460	12.4	90.2	15.82	C, US
7.5	1800	213T	824530.00	√	1,787	213TTTN16536	225	230/460	19.2	91.7	17.47	C, US
10	1800	215T	824531.00	√	2,047	215TTTN16537	300	230/460	25.0	91.7	20.47	C, US
15	1800	254T	824532.00	√	2,640	254TTTNA14533	240	230/460	39.0	91.0	20.95	C, US
20	1800	256T	824533.00	√	3,105	256TTTNA14533	400	230/460	50.0	91.0	22.70	C, US
25	1800	284T	824534.00	√	3,692	284TTTNA14536	500	230/460	63.0	92.4	26.97	C, US
30	1800	286T	824535.00	√	4,305	286TTTPA14531	400	230/460	74.0	92.4	26.19	C, US
40	1800	324T	824536.00	√	5,581	324TTTPA14532	550	230/460	100.0	93.0	28.10	C, US
50	1800	326T	824537.00	√	7,029	326TTTPA14532	600	230/460	122.0	93.0	29.60	C, US
60	1800	364T	824538.00	√	9,837	364TTTS14531	850	230/460	144.0	93.6	28.88	C, US
75	1800	365T	824539.00	√	12,246	365TTTS14533	1000	230/460	178.0	94.1	29.88	C, US
100	1800	405T	824540.00	√	15,164	405TTTS14531	1250	230/460	228.0	94.5	34.25	C, US
125	1800	444T	824541.00	√	19,522	444TTTN14531	1990	460	143*	94.5	40.03	C, US
150	1800	445T	824542.00	√	23,246	445TTTN14532	2343	460	172*	95.0	40.03	C, US
200	1800	445T	824543.00	√	27,746	445TTTN14533	2556	460	225*	95.0	40.03	C, US
250	1800	449T	824544.00	√	26,812	449TTTS14531	2409	460	290*	95.0	48.41	C, US

* - Amps at 460 Volts

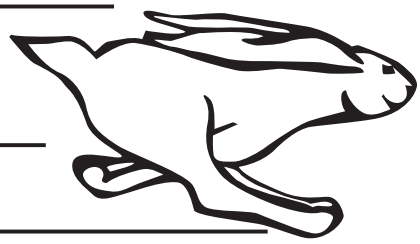
♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

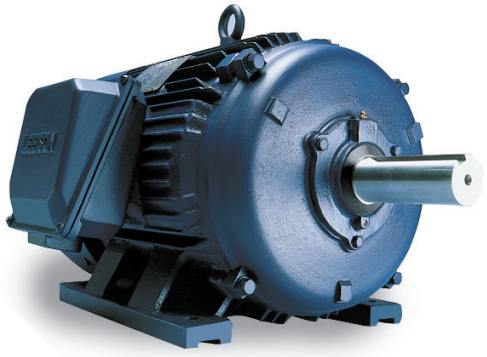
Custom Multi-Speed Low-Speed and Modified Motor Program

Custom PDQ



PDQ Modular Production Program

Custom Multi-Speed, Low Speed and Modified Motors, one or several at a time, on a quick turnaround basis.



LEESON's "Modular Production" utilizes specially designed and standard components to make almost any imaginable NEMA frame multi-speed or low-speed motor available when you need it.

Quick Turnaround-LEESON's Custom PDQ can provide quick answers to inquiries and fast turnaround for orders of highly customized motors.

Comprehensive Catalog - Features the Industry's most extensive two-speed and low speed motor selection as well as a listing of commonly requested modifications. Call for your copy of LEESON Catalog 1057 - Multi-Speed, Low-Speed and Modified Motors.

Full Fact Acknowledgement - With Custom PDQ all custom motors are promptly and fully acknowledged upon receipt of order. The acknowledgement includes the complete motor specification pricing and shipping date.

Motors of 254T frame and larger are of cast iron construction with all the rugged features of LEESON's stock single-speed motors described on pages 42 & 43 of this catalog. All two-speed designs are class F insulated and have a 1.15 S.F.

Whether for the everyday or not-so-everyday needs, Custom PDQ gives you the ability to say "Yes" to requests for customized motors.

Multi-speed
Two, three and four-speed motors

Low Speed
900, 720, 600, 450 and 300 rpm

Modified as per Catalog 1057 - Some examples are:

- Anti-condensation heaters
- Brakemotors, custom
- Cooling tower specifications
- Downsized frames
- Epoxy and fungus proofing
- 50 Hz
- Premium-efficiency, North American manufacture
- Insulation, special
- Marine duty (below deck)
- Part winding (low and high voltages)
- Shafts, modified
- Thermostats
- Thermistors
- Washdown service
- IEEE841 conversion of WATTSAVER® motors
- Voltages (non-standard)

…and many more

For quotations, availability, and application assistance phone toll-free to our Canadian manufacturing facility.

CUSTOM PDQ
1-800-463-1797

CUSTOMIZED AND MODIFIED PRODUCTS

CUSTOM MOTORS, GEARBOXES & GEARMOTORS

LEESON is a leading designer and manufacturer of application-specific AC and DC motors and gearmotors in sub-fractional, fractional and integral horsepower sizes. We offer a database of over 30,000 custom designs, experienced application and design engineering teams, to ensure the best, most cost-effective custom motor solution.

CUSTOM MULTI-SPEED & LOW-SPEED MOTORS

LEESON's PDQ Modular Production Program utilizes specially designed and standard components to make almost any imaginable NEMA frame multi-speed or low-speed motor available when you need it. We pride ourselves on fast turnaround times on highly customized motors.

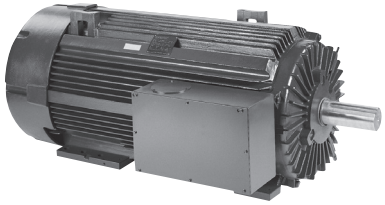
Custom motors include two, three and four-speed motors and speed ranges of 900, 720, 600, 450 and 300 RPMs. We also specialize in non-standard shaft designs.

For quotations, availability and application assistance, phone toll-free to our Canadian manufacturing facility at 1-800-463-1797.

Special Voltage Motors

General Purpose – Totally Enclosed & Drip-Proof - 575 Volt - 200/400 Volt 50 HZ - Medium Voltage Designs

Steel Frame – Aluminum Frame – Cast Iron Frame



- Standard, EPAct and Premium efficient ratings
- Inverter rated
- Class B insulation systems – 42, 48 and 56 frames
- Class F insulation system – 140 frame and higher
- Shielded ball bearings for direct coupled applications. Contact your local sales office for belted load applications
- Rolled steel, aluminum, and cast iron frame material designs
- Continuous duty
- Dynamically balanced rotors
- Torques exceed NEMA performance standards
- UL recognized and CSA certified

Applications:

For use where special voltages are required. Ideally suited for use on pumps, compressors, fans, blowers, conveyors, machine tools and other industrial applications

Special Voltage Motors

575 Volt - Three Phase - TEFC

Three Phase - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 575 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	3600	56	110714.00	√	416	C6T34NB6	25	575	0.6	82.5	1.15	10.40	S, US, 12
	1800	56	110199.00	√	454	C6T17NB4	25	575	0.8	78.5	1.15	9.88	S, US, 12
	1800	56	LM24154	√	473	SRF4S.5T65	22	575	0.9	70.0	1.25	10.72	S, MX
	1800	S56	101051.00	√	454	C4T17FH3	24	575	0.8	68.0	1.15	9.94	S, MX
	1200	56	LM24295	C/A	684	SRF6S0.5T65	24	575	1.1	68.0	1.15	11.82	S, MX
3/4	3600	56	110354.00	√	458	C6T34FB8	22	575	0.9	75.5	1.15	10.81	S, US
	1800	56	110178.00	√	482	C6T17FB3	22	575	1.1	77.0	1.15	10.81	S, US
	1200	56	111394.00	√	686	C6T11FB8	30	575	1.2	75.5	1.15	11.81	S, US
1	3600	56	110715.00	√	535	C6T34FB15	24	575	1.3	77.0	1.15	10.81	S, US
	1800	56	110206.00	√	506	C6T17FB4	24	575	1.5	77.0	1.15	11.31	S, US
	1800	56	LM25097	√	526	SRF4S1T65	27	575	1.5	77.0	1.15	12.32	S, MX
	1800	143T	121937.00	√	772	C143T17FB29	32	575	1.1	85.5	1.15	13.25	S, US
	1800	143T	LM24109	√	589	SSF4P1T65	36	575	1.2	82.5	1.25	12.87	S, MX
	1200	145T	121938.00	√	913	C145T11FB31	47	575	1.4	82.5	1.25	13.75	S, US
1 1/2	3600	145T	121939.00	√	789	C145T34FB41	33	575	1.6	84.0	1.25	13.25	S, US
	1800	56	110893.00	√	570	C6T17FB37	30	575	2.0	78.5	1.15	11.81	S, US
	1800	145T	121940.00	√	801	C145T17FB90	34	575	1.8	86.5	1.15	13.75	S, US
	1800	145T	LM24142	C/A	564	SSF4P1.5T65	48	575	1.7	84.0	1.15	14.37	S, MX
	1200	182T	132251.00	√	1,330	C182T11FB13	89	575	2.5	87.5	1.15	15.96	S, MX
2	3600	56H	LM25100	√	674	SRF2S2T65	39	575	2.8	80.0	1.15	11.82	S, US
	3600	145T	121941.00	√	863	C145T34FB42	44	575	2.1	85.5	1.15	13.75	S, US
	3600	145T	LM25103	√	733	SSF2P2T65	39	575	2.1	84.0	1.25	13.37	S, US
	1800	145T	LM24108	√	593	SSF4PT65	45	575	2.2	84.0	1.25	13.87	S, MX
	1800	145T	121942.00	√	834	C145T17FB91	45	575	2.2	86.5	1.15	14.76	S, US
	1200	184T	132252.00	√	1,355	C184T11FB26	92	575	2.9	88.5	1.15	15.96	S, MX

Green items are Premium Efficient

♥ Note listing on inside back flap

Continued To Next Page

▼ LM Numbers are Lincoln Models

Note 12 - TENV

C/A - Check Availability

Other stock 575V motors are available from LEESON through our Canadian facility.

Contact LEESON for availability.

Specifications are subject to change without notice

View On-line Technical Information

Special Voltage Motors

575 Volt - Three Phase - TEFC

Three Phase - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 575 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3	3600	182T	171624.60	√	1,197	C182T34FB7	66	575	3.0	86.5	1.15	13.96	C, CN
	3600	182T	LM16383	C/A	882	AF2P3T65	72	575	3.0	85.5	1.25	14.19	A, US
	1800	182T	132253.00	√	944	C182T17FB52	80	575	3.3	89.5	1.15	14.96	S, MX
	1800	182T	LM16384	D	795	AF4P3T65	77	575	3.4	87.5	1.25	14.19	A, US
	1800	182T	LM33603	C/A	795	AF4P3T65AP26	77	575	3.4	87.5	1.25	14.19	A, MX
5	3600	184T	132254.00	√	1,070	C184T34FB24	88	575	4.8	88.5	1.15	16.46	S, MX
	1800	184T	132255.00	√	1,037	C184T17FB64	94	575	5.2	89.5	1.15	15.96	S, MX
	1800	184T	LM16387	D	918	AF4P5T65	88	575	5.2	87.5	1.25	15.19	A, US
	1800	184T	LM33488	√	918	AF4P5T65AP26	88	575	5.2	87.5	1.25	14.96	A, MX
	1200	215T	LM16388	√	1,665	AF6P5T65	155	575	6.0	87.5	1.25	18.70	A, US
	900	254T	LM33171	C/A	2,701	AF8P5T65	165	575	6.0	85.5	1.15	23.40	A, US
7 1/2	3600	213T	170196.60	√	1,527	C213T34FB43	156	575	7.4	90.2	1.25	19.84	C, CN
	1800	213T	141116.00	√	1,332	C213T17FB20	144	575	8.2	91.7	1.25	18.70	S, MX
	1800	213T	LM16391	√	1,475	AF4P7.5T65	160	575	8.0	91.0	1.25	19.70	A, US
10	3600	215T	170197.60	√	1,809	C215T34FB48	181	575	9.5	91.7	1.25	19.61	C, CN
	1800	215T	170212.60	√	1,756	C215T17FB44	177	575	10.1	91.7	1.25	19.61	C, CN
	1800	215T	LM16395	√	1,631	AF4P10T65	138	575	10.8	89.5	1.25	18.70	A, US

Green items are Premium Efficient

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

Continued To Next Page

D = To be discontinued when inventory is depleted

C/A - Check Availability

Other stock 575V motors are available from LEESON through our Canadian facility. Contact LEESON for availability.

Specifications are subject to change without notice

View On-line Technical Information

Three Phase - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 575 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
15	3600	254T	170198.60	√	2,457	C254T34FB5	282	575	13.8	92.4	1.25	23.19	C, CN
	1800	254T	170116.60	√	2,808	C254T17FB11	280	575	14.8	92.4	1.25	23.19	C, CN
	1800	254T	LM16400	√	2,824	AF4P15T65	240	575	15.6	91.0	1.25	23.40	A, US
20	3600	256T	170199.60	√	3,004	C256T34FB11	316	575	18.4	92.4	1.25	24.92	C, CN
	1800	256T	170117.60	√	2,974	C256T17FB5	322	575	19.2	93.0	1.25	24.92	C, CN
	1800	256T	LM15919	√	2,485	AF4B20T65	236	575	20.0	91.0	1.25	25.15	A, US
25	3600	284TS	170224.60	√	3,906	C284T34FB6	383	575	22.0	93.0	1.25	24.88	C, CN
	1800	284T	170118.60	√	3,689	C284T17FB6	385	575	23.7	93.6	1.25	26.26	C, CN
	1800	284T	LM16407	C/A	3,531	AF4P25T65	320	575	26.4	92.4	1.25	26.62	A, US
30	3600	286TS	170228.60	√	4,610	C286T34FB6	385	575	26.2	93.0	1.25	26.46	C, CN
	1800	286T	170119.60	√	4,297	C286T17FB6	432	575	29.0	94.1	1.25	27.83	C, CN
	1800	286T	LM19595	C/A	3,971	AF4P30T65Y	585	575	30.5	92.4	1.25	28.12	A, US
40	3600	324TS	170232.60	√	5,750	C324T34FB4	504	575	36.0	93.6	1.25	28.03	C, CN
	1800	324T	170120.60	√	5,708	C324T17FB6	528	575	38.1	94.1	1.25	29.53	C, CN
	1800	324T	LM14408	C/A	8,678	SF4B40T65Y	504	575	42.4	94.1	1.25	28.50	S, US
50	3600	326TS	LM14410	C/A	7,801	SF2B50TS65Y	558	575	45.0	93.0	1.15	28.50	S, US
	3600	326TS	LM14398	C/A	6,745	SF2P50TS65Y	558	575	45.0	92.4	1.15	28.50	S, US
	1800	326T	170121.60	√	6,894	C326T17FB8	587	575	46.7	94.5	1.25	31.02	C, CN
	1800	326T	LM14399	√	5,740	SF4P50T65Y	558	575	51.6	93.0	1.25	30.00	S, US

Green items are Premium Efficient

♥ Note listing on inside back flap

Continued To Next Page

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Other stock 575V motors are available from LEESON through our Canadian facility. Contact LEESON for availability.

Specifications are subject to change without notice

View On-line Technical Information

Special Voltage Motors

575 Volt - Three Phase - TEFC

Three Phase - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 575 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
60	3600	364TS	LM18370	C/A	9,674	SF2B60TS65Y	765	575	53.0	95.0	1.25	29.77	S, US
	3600	364TS	LM18367	C/A	10,079	SF2P60TS65Y	765	575	53.0	93.0	1.25	29.77	S, US
	1800	364T	170239.60	√	9,806	C364T17FB7	988	575	54.4	95.4	1.25	32.64	C, CN
	1800	364T	LM18366	C/A	8,305	SF4P60T65Y	765	575	58.0	93.6	1.25	31.90	S, US
75	3600	365TS	LM18376	C/A	12,465	SF2B75TS65Y	822	575	66.5	95.0	1.25	30.77	S, US
	3600	365TS	LM18373	C/A	10,675	SF2P75TS65Y	822	575	66.5	93.0	1.25	30.77	S, US
	1800	365T	170244.60	√	12,237	C365T17FB5	1050	575	68.7	95.8	1.25	33.62	C, CN
	1800	365T	LM18372	√	10,476	SF4P75T65Y	822	575	73.0	94.1	1.25	32.90	S, US
	3600	405TS	LM18290	C/A	14,605	SF2P100TS65Y	1002	575	85.0	94.1	1.15	35.40	S, US
	1800	405T	170253.60	C/A	15,217	C405T17FB5	1070	575	89.6	95.4	1.25	37.91	C, CN
	1800	405T	LM18292	C/A	12,657	SF4P100T65Y	1002	575	97.5	94.5	1.15	38.40	S, US
	1200	444T	LM15121	C/A	20,945	SF6B100T65Y	1351	575	109.0	95.4	1.15	41.58	S, US
125	3600	444TS	LM15119	C/A	22,458	SF2B125TS65Y	1351	575	106.0	95.8	1.15	37.49	S, US
	3600	444TS	LM15078	C/A	17,788	SF2P125TS65Y	1351	575	106.0	94.5	1.15	37.49	S, US
	1800	444T	LM15079	C/A	16,918	SF4P125T65Y	1351	575	117.0	94.5	1.15	41.58	S, US
	3600	445TS	LM15084	C/A	22,014	SF2P150TS65Y	1504	575	——	94.5	1.15	——	S, US
	1800	445T	LM15126	C/A	24,352	SF4B150T65Y	1531	575	136.0	96.2	1.15	43.56	S, US
	1800	445T	LM15085	C/A	19,624	SF4P150T65Y	1531	575	136.0	95.0	1.15	43.56	S, US
200	3600	445TS	LM15122	C/A	35,224	SF2B200TS65Y	1531	575	——	96.2	1.15	——	S, US
	3600	445TS	LM15081	C/A	27,897	SF2P200TS65Y	1504	575	——	95.0	1.15	——	S, US
	1800	445T	LM15123	C/A	29,316	SF4B200T65Y	1531	575	188.0	96.2	1.15	43.58	S, US
	1800	445T	LM15082	√	24,270	SF4P200T65Y	1531	575	188.0	95.0	1.15	43.58	S, US
250	3600	447TS	LM15087	C/A	33,698	SF2P250TS65Y	1812	575	——	95.4	1.00	——	S, US
	1800	447T	LM15130	C/A	34,985	SF4B250T65Y	1812	575	226	95.4	1.15	47.08	S, US
	1800	447T	LM15092	C/A	28,968	SF4P250T65Y	1812	575	231	95.0	1.15	——	S, US
300	3600	449TS	LM15138	C/A	52,975	S449F2B300TS65Y	2185	575	——	96.2	1.15	——	S, US
	3600	449TS	LM15098	C/A	41,187	S449F2P300TS65Y	2185	575	——	95.4	1.15	——	S, US
	1800	447T	LM15129	C/A	38,298	SF4B300T65Y	1812	575	282	96.2	1.15	47.08	S, US
	1800	447T	LM15089	C/A	30,285	SF4P300T65Y	1800	575	282	95.4	1.00	47.08	S, US

Green items are Premium Efficient

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Other stock 575V motors are available from LEESON through our Canadian facility. Contact LEESON for availability.

Specifications are subject to change without notice

View On-line Technical Information

Three Phase - TEFC - C Face Less Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 575 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	110176.00	√	482	C6T17NC10	20	575	0.8	79.0	1.15	9.94	S, US, 12
3/4	1800	56C	110177.00	√	517	C6T17FC7	21	575	1.1	77.0	1.15	10.81	S, US, 13
1	1800	56C	110204.00	√	553	C6T17FC8	30	575	1.5	77.0	1.15	11.31	S, US, 13
	1800	143TC	G120176.00	√	569	C143T17FC22	32	575	1.2	82.5	1.15	12.25	S, US, 13
1 1/2	1800	56C	111444.00	√	585	C6T17FC39	33	575	2.0	78.5	1.15	11.81	S, US, 13
	1800	145TC	G120177.00	√	616	C145T17FC61	31	575	1.8	84.0	1.15	12.75	S, US, 13
2	3600	56C	111611.00	√	646	C6T34FC26	34	575	2.2	82.5	1.15	12.31	S, US, 13
	1800	145TC	G120178.00	√	657	C145T17FC60	45	575	2.3	84.0	1.15	13.75	S, US, 13
3	1800	182TC	G131498.00	√	756	C182T17FC36	68	575	3.3	87.5	1.15	13.97	S, MX, 13
5	1800	184TC	G131499.00	√	912	C184T17FC47	76	575	5.2	87.5	1.15	14.97	S, MX, 13

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

TEFC - 575 Volt - C Face With Base

Three Phase - TEFC - C Face With Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 575 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	LM24355	C/A	525	SRF4S0.5TC65	18	575	0.9	70.0	1.15	10.69	S, MX
3/4	1800	56C	LM24354	C/A	560	SRF4S0.75TC65	21	575	1.1	75.5	1.15	11.19	S, MX
1	3600	56C	LM25045	C/A	602	SRF2S1TC65	25	575	1.5	74.0	1.15	11.81	S, US
	1800	56C	LM25046	√	580	SRF4S1TC65	26	575	1.4	77.0	1.15	12.31	S, MX
	1800	143TC	LM25051	C/A	606	SSF4P1TC65	41	575	1.2	82.5	1.25	12.87	S, MX
1 1/2	3600	56C	LM25047	C/A	613	SRF2S1.5TC65	41	575	1.9	80.0	1.15	12.32	S, MX
	1800	56HC	LM25048	√	613	SRF4S1.5TC65	31	575	1.9	80.0	1.15	12.32	S, MX
	1800	145TC	LM24158	√	616	SSF4P1.5TC65	49	575	1.7	84.0	1.15	14.37	S, MX
2	3600	56HC	LM25049	C/A	727	SRF2S2TC65	31	575	2.4	80.0	1.15	12.32	S, US
	1800	56HC	LM25050	√	622	SRF4S2TC65	50	575	2.3	82.5	1.15	13.82	S, US
	1800	145TC	LM24137	C/A	647	SSF4P2TC65	47	575	2.3	84.0	1.15	13.87	S, MX
3	3600	182TC	LM33611	C/A	1,207	AF2B3TC65AP26	95	575	3.1	87.5	1.25	15.19	A, MX
	3600	182TC	LM33612	C/A	965	AF2P3TC65AP26	95	575	3.0	85.5	1.25	14.19	A, MX
	1800	182TC	LM33613	C/A	1,069	AF4B3TC65AP26	95	575	3.2	89.5	1.25	15.19	A, MX
	1800	182TC	LM33614	C/A	874	AF4P3TC65AP26	95	575	3.4	87.5	1.25	14.19	A, MX
5	3600	184TC	LM33615	C/A	1,376	AF2B5TC65AP26	104	575	5.0	88.5	1.25	15.19	A, MX
	3600	184TC	LM33616	C/A	1,153	AF2P5TC65AP26	104	575	5.0	87.5	1.25	15.19	A, MX
	1800	184TC	LM33617	C/A	1,240	AF4B5TC65AP26	104	575	5.0	89.5	1.25	16.19	A, MX
	1800	184TC	LM16593	√	999	AF4P5TC65	104	575	5.2	87.5	1.25	15.19	A, MX
	1200	215TC	LM16594	C/A	1,760	AF6P5TC65	149	575	6.0	87.5	1.25	18.70	A, US

Green items are Premium Efficient

♥ Note listing on inside back flap

Continued To Next Page

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Special Voltage Motors

TEFC - 575 Volt - C Face With Base

Three Phase - TEFC - C Face With Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 575 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
7 1/2	3600	213TC	LM17186	C/A	1,668	AF2B7.5TC65	138	575	7.2	91.0	1.25	17.20	A, US
	3600	213TC	LM16595	√	1,459	AF2P7.5TC65	175	575	7.2	88.5	1.25	17.20	A, US
	1800	213TC	LM17187	C/A	1,608	AF4B7.5TC65	138	575	8.0	91.0	1.25	19.70	A, US
	1800	213TC	LM16596	C/A	1,442	AF4P7.5TC65	127	575	8.0	89.5	1.25	19.70	A, US
10	3600	215TC	LM17189	C/A	2,083	AF2B10TC65	149	575	9.4	91.0	1.25	19.61	A, US
	3600	215TC	LM16598	C/A	1,904	AF2P10TC65	210	575	9.4	89.5	1.25	19.61	A, US
	1800	215TC	LM17190	C/A	2,006	AF4B10TC65	149	575	10.8	91.0	1.25	18.70	A, US
	1800	215TC	LM16599	√	1,528	AF4P10TC65	200	575	10.8	89.5	1.25	18.70	A, US
15	3600	254TC	LM17192	C/A	2,746	AF2B15TC65	221	575	13.8	91.7	1.25	23.19	A, US
	3600	254TC	LM16601	C/A	2,553	AF2P15TC65	185	575	13.8	90.2	1.25	23.19	A, US
	1800	254TC	LM17193	C/A	2,474	AF4B15TC65	221	575	15.6	92.4	1.25	23.40	A, US
	1800	254TC	LM16602	√	2,220	AF4P15TC65	260	575	15.6	91.0	1.25	23.40	A, US
20	3600	256TC	LM17195	C/A	3,244	AF2B20TC65	248	575	18.8	91.7	1.25	24.24	A, US
	3600	256TC	LM16604	C/A	2,774	AF2P20TC65	248	575	18.8	90.2	1.25	24.24	A, US
	1800	256TC	LM17196	C/A	3,072	AF4B20TC65	248	575	21.0	93.0	1.25	25.15	A, US
	1800	256TC	LM16605	√	2,613	AF4P20TC65	300	575	20.0	91.0	1.25	25.15	A, US
25	3600	284TSC	LM17198	C/A	4,544	AF2B25TSC65	370	575	22.8	93.0	1.25	25.12	A, US
	3600	284TSC	LM16607	C/A	3,749	AF2P25TSC65	370	575	22.8	91.0	1.25	25.12	A, US
	1800	284TC	LM17199	C/A	4,118	AF4B25TC65	370	575	26.4	94.1	1.25	26.62	A, US
	1800	284TC	LM16608	C/A	3,541	AF4P25TC65	370	575	26.4	92.4	1.25	26.62	A, US
30	3600	286TSC	LM20087	C/A	5,075	AF2B30TSC65Y	415	575	26.4	93.0	1.25	26.62	A, US
	3600	286TSC	LM19596	C/A	4,375	AF2P30TSC65Y	415	575	28.0	91.0	1.25	26.62	A, US
	1800	286TC	LM20088	C/A	5,352	AF4B30TC65Y	415	575	30.0	94.5	1.25	28.12	A, US
	1800	286TC	LM19597	√	4,190	AF4P30TC65Y	415	575	30.5	92.4	1.25	28.12	A, US
40	3600	324TSC	LM14561	C/A	6,508	SF2B40TSC65Y	514	575	36.0	94.1	1.25	28.03	S, US
	3600	324TSC	LM14549	C/A	5,675	SF2P40TSC65Y	514	575	36.0	91.7	1.25	28.03	S, US
	1800	324TC	LM14562	C/A	6,270	SF4B40TC65Y	514	575	42.4	94.1	1.25	28.50	S, US
	1800	324TC	LM14550	C/A	5,475	SF4P40TC65Y	518	575	42.4	93.0	1.25	28.50	S, US
50	3600	326TSC	LM14564	C/A	8,162	SF2B50TSC65Y	568	575	45.0	94.1	1.25	28.50	S, US
	3600	326TSC	LM14552	√	7,109	SF2P50TSC65Y	568	575	45.0	92.4	1.25	28.50	S, US
	1800	326TC	LM14565	C/A	7,453	SF4B50TC65Y	568	575	51.6	95.0	1.25	30.00	S, US
	1800	326TC	LM14553	C/A	6,112	SF4P50TC65Y	568	575	51.6	93.0	1.25	30.00	S, US
60	3600	364TSC	LM20037	C/A	10,252	SF2B60TSC65Y	777	575	53.0	95.0	1.25	29.77	S, US
	3600	364TSC	LM19600	C/A	8,861	SF2P60TSC65Y	777	575	53.0	93.0	1.25	29.77	S, US
	1800	364TC	LM20038	C/A	10,680	SF4B60TC65Y	778	575	58.0	95.0	1.25	31.90	S, US
	1800	364TC	LM19603	C/A	8,897	SF4P60TC65Y	778	575	58.0	93.6	1.25	31.90	S, US
75	3600	365TSC	LM20040	C/A	13,045	SF2B75TSC65Y	834	575	66.5	95.0	1.25	30.77	S, US
	3600	365TSC	LM19602	C/A	11,254	SF2P75TSC65Y	834	575	66.5	93.0	1.25	30.77	S, US
	1800	365TC	LM20041	C/A	12,935	SF4B75TC65Y	834	575	73.0	95.0	1.15	32.90	S, US
	1800	365TC	LM15921	C/A	11,055	SF4P75TC65Y	835	575	73.0	94.1	1.25	32.90	S, US
100	3600	405TSC	LM20043	C/A	18,202	SF2B100TSC65Y	1018	575	84.0	95.8	1.15	33.87	S, US
	3600	405TSC	LM19605	C/A	15,292	SF2P100TSC65Y	1018	575	85.0	93.6	1.15	33.87	S, US
	1800	405TC	LM20044	C/A	16,269	SF4B100TC65Y	1001	575	97.5	95.4	1.15	36.87	S, US
	1800	405TC	LM19606	C/A	13,361	SF4P100TC65Y	1018	575	96.0	94.5	1.15	36.87	S, US

Green items are Premium Efficient

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Three Phase - Drip-Proof - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 575 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56	LM25054	D	360	SRD4S0.33T65	15	575	0.6	65.5	1.15	9.97	S, MX
	1800	56	LM34061	√	464	SRD4B0.33T65	23	575		73.4	1.15		S, MX
1/2	1800	56	LM24161	D	416	SRD4S0.5T65	17	575	0.9	70.0	1.25	10.47	S, MX
	1800	56	LM34062	√	537	SRD4B0.5T65	26	575		78.2	1.25		S, MX
3/4	1800	56	LM25057	D	460	SRD4S0.75T65	20	575	1.2	75.5	1.15	10.44	S, MX
	1800	56	LM34063	C/A	593	SRD4B0.75T65	29	575		81.1	1.15		S, MX
1	3600	56	LM25058	D	493	SRD2S1T65	24	575	1.5	74.0	1.25	10.44	S, US
	3600	56	LM34064	C/A	666	SRD2B1T65	27	575		77.0	1.25		S, US
	1800	56	LM25059	D	479	SRD4S1T65	23	575	1.5	77.0	1.15	10.94	S, US
	1800	56	LM34065	√	724	SRD4B1T65	33	575		83.5	1.15		S, US
1 1/2	3600	56	LM25060	D	553	SRD2S1.5T65	23	575	2.0	80.0	1.15	10.44	S, US
	3600	56	LM34066	C/A	713	SRD2B1.5T65	35	575		84.0	1.15		S, US
	1800	56H	LM25061	D	508	SRD4S1.5T65	28	575	1.9	80.0	1.15	10.94	S, MX
	1800	56H	LM34067	√	750	SRD4B1.5T65	37	575		86.5	1.15		S, MX
2	3600	56H	LM25062	D	646	SRD2S2T65	25	575	2.5	80.0	1.15	10.44	S, US
	3600	56H	LM34068	√	833	SRD2B2T65	41	575		85.5	1.15		S, US
	1800	56H	LM25063	D	626	SRD4S2T65	36	575	2.5	81.5	1.15	11.94	S, US
	1800	56H	LM34069	√	848	SRD4B2T65	42	575		86.5	1.15		S, US
3	3600	145T	LM25068	C/A	644	SSD2P3T65	33	575	——	84.0	1.25	——	S, US
	1800	182T	LM24227	C/A	620	SSD4P3T65	83	575	3.0	86.5	1.25	13.72	S, MX
5	3600	182T	LM25069	C/A	722	SSD2P5T65	88	575	——	86.5	1.25	——	S, MX
	1800	184T	LM25070	C/A	691	SSD4P5T65	87	575	5.3	87.5	1.25	14.22	S, MX
7 1/2	3600	184T	LM25071	√	994	SSD2P7.5T65	88	575	7.1	87.5	1.15	14.72	S, MX
	1800	213T	LM33247	C/A	976	SSD4P7.5T65	121	575	——	88.5	1.25	——	S, MX

Green items are Premium Efficient and comply with SMR 2015

▼ LM Numbers are Lincoln Models

D = To be discontinued when inventory is depleted

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued To Next Page

Please view our on-line catalog for updated information that was unavailable at the time of this printing.

View On-line Technical Information

Special Voltage Motors

575 Volt Motors - Drip-Proof - Rigid Base

Three Phase - Drip-Proof - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 575 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
10	1800	215T	LM24231	√	1,197	SSD4P10T65	138	575	10.0	89.5	1.25	17.29	S, MX
15	1800	254T	LM24219	C/A	1,732	SSD4P15T65	215	575	15.3	91.0	1.25	22.32	S, US
20	1800	256T	LM24232	√	2,175	SSD4P20T65	233	575	20.8	91.0	1.25	22.32	S, US
25	1800	284T	LM29581	C/A	2,950	CCD4P25T65Y	350	575	24.4	91.7	1.25	23.49	C, US
30	1800	286T	LM29865	C/A	3,422	CCD4P30T65Y	400	575	28.8	92.4	1.25	24.99	C, US
40	1800	324T	LM14402	C/A	4,866	SD4P40T65Y	469	575	42.5	93.0	1.25	25.82	S, US
50	1800	326T	LM14405	√	5,198	SD4P50T65Y	522	575	52.0	93.0	1.25	27.32	S, US
60	1800	364T	LM18378	C/A	7,325	SD4P60T65Y	712	575	58	93.6	1.25	28.40	S, US
75	1800	365T	LM18384	C/A	7,984	SD4P75T65Y	763	575	75	94.1	1.25	29.40	S, US
100	1800	404T	LM18298	C/A	8,484	SD4P100T65Y	882	575	96	94.1	1.25	31.81	S, US
125	1800	405T	LM18306	C/A	9,769	SD4P125T65Y	958	575	152	95.4	1.25	33.31	S, US

Green items are Premium Efficient

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Special Voltage Motors

200/400 Volt - Drip-Proof - Rigid Base

Three Phase - Drip-Proof - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 200 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	1800	S56	LM24163	D	433	SRD3S0.75T62	23	200/400	3.2	75.5	1.25	10.97	S, MX
1	1800	143T	LM33053	C/A	562	SD4P1T62	32	200/400	3.6	82.5	1.15	12.49	S, MX
1 1/2	1800	145T	LM33056	C/A	588	SSD4PT62	35	200/400	——	84.0	1.15	——	S, MX
2	1800	145T	LM33057	C/A	604	SSD4P2T62	48	200/400	6.7	84.0	1.15	12.99	S, MX
3	1800	182T	LM33059	C/A	686	SSD4P3T62	75	200/400	10.1	86.5	1.15	12.69	S, MX
5	1800	184T	G131500.00	√	709	C184T17DB78	62	200-208/400-416	15.4	86.0	1.15	13.19	S, MX
	1800	182T	LM33062	C/A	793	SSD4P5T62	82	200/400	15.2	87.5	1.15	13.19	S, MX
7 1/2	1800	213T	G141124.00	√	1,010	C213T17DB15	133	200-208/400-416	22.0	84.0	1.15	17.09	S, MX
10	1800	215T	G140004.00	√	1,234	C215T17DB33	138	200-208/400-416	32.0	86.5	1.15	15.76	S, MX
	1800	215T	LM32681	C/A	1,483	SSD4P10T62	120	200/400	28.8	91.7	1.15	18.54	S, MX
15	1800	254T	LM26334	√	1,892	SSD4P15T62	164	200/400	44.0	91.0	1.15	22.32	S, US
20	1800	256T	LM32675	C/A	2,258	SSD4P20T62	200	200/400	57.5	91.0	1.15	22.32	S, US
25	1800	284T	LM33067	C/A	3,738	SD4P25T62	278	200/400	70.0	91.7	1.15	24.93	S, US
30	1800	286T	LM32670	√	3,983	SD4P30T62	325	200/400	87.5	92.4	1.15	24.99	S, US
40	1800	324T	LM32680	√	8,626	SD4P40T62	378	200/400	147.0	93.0	1.15	25.82	S, US
50	1800	326T	LM33070	C/A	4,694	SD4P60T62	444	200/400	150.0	93.0	1.15	27.32	S, US
60	1800	364T	LM33072	C/A	6,404	SD4P60T62	575	200/400	——	93.6	1.15	——	S, US
75	1800	365T	LM33074	C/A	6,696	SD4P75T62	660	200/400	211.0	94.1	1.15	29.40	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

D = Item to be discontinued when stock is depleted

Specifications are subject to change without notice

View On-line Technical Information

Special Voltage Motors

200/400 Volt - TEFC - Rigid Base

Three Phase - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 200 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1	1800	56	110255.00	√	530	C6T17FB8	30	200-208	4.4	77.0	1.15	11.31	S, US
	1800	143T	G120047.00	C/A	579	C143T17FB28	32	200-208	4.4	77.0	1.15	12.75	S, US
1 1/2	1800	145T	G120032.00	√	587	C145T17FB88	35	200-208	5.6	80.0	1.15	12.75	S, US
2	1800	145T	G120034.00	√	621	C145T17FB89	38	200-208	7.2	81.5	1.15	12.75	S, US
3	3600	182T	LM33621	C/A	964	AF2P3T62AP26	73	200/400	——	85.5	1.15	——	A, MX
	1800	182T	G131465.00	√	725	C182T17FB51	82	200-208/400-416	10.0	84.0	1.15	12.96	S, MX
	1800	182T	LM33622	C/A	882	AF4P3T62AP26	78	200/400	9.1	87.5	1.15	14.96	A, MX
5	1800	184T	G131466.00	√	836	C184T17FB63	63	200-208/400-416	15.4	86.0	1.15	13.96	S, MX
	1800	184T	LM26285	C/A	1,002	AAF4P5T62	78	200/400	15.0	87.5	1.25	15.19	A, US
	1800	184T	LM33624	C/A	1,002	AAF4P5T62AP26	78	200/400	15.0	87.5	1.25	15.19	A, MX
	1200	215T	LM33093	C/A	1,589	AF6P5T62	122	200/400	17.3	87.5	1.15	18.70	A, US
7 1/2	1800	213T	G141123.00	√	1,069	C213T17FB19	144	200-208/400-416	23.0	87.0	1.15	17.58	S, MX
10	3600	215T	LM33099	C/A	1,898	AF2P10T62	124	200/400	27.6	89.5	1.15	19.70	A, US
	1800	215T	G140013.00	√	1,299	C215T17FB29	168	200-208/400-416	29.6	87.5	1.15	18.21	S, MX
15	1800	254T	LM32691	C/A	2,489	AF4P15T62	152	200/400	43.5	91.0	1.15	23.52	A, US
20	1800	256T	LM33103	C/A	2,827	AF4P20T62	202	200/400	58.5	91.0	1.15	14.87	A, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

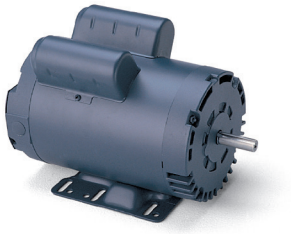
C/A - Check Availability

Continued To Next Page

Specifications are subject to change without notice

View On-line Technical Information

General Specifications:
50 Hz single phase designs produce full rated HP on 50 Hz power supply. Designed for general purpose applications.



Features:
- High efficiency energy saving designs
- Centrifugal switch designed for 50 Hz service
- High torque

Single Phase - Drip-Proof - Rigid Base - IP 22

HP	RPM 50 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 220 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1500	56	110394.00	√	480	C6C14DB5	22	110/220	3.2	1.35	9.88	S, US
1/2	3000	56	113901.00	√	429	C6C28DB24	25	110/220	3.8	1.25	10.34	S, US
	1500	56	110395.00	√	608	C6C14DB6	25	110/220	4.1	1.25	10.38	S, US
3/4	3000	56	113902.00	√	538	C6C28DB25	27	110/220	5.6	1.25	10.34	S, US
	1500	56	110396.00	√	730	C6C14DB7	30	110/220	5.9	1.25	10.88	S, US
1	3000	56	113903.00	√	598	C6C28DB26	31	110/220	6.6	1.25	10.84	S, US
	1500	56H	110397.00	√	804	C6C14DB8	35	110/220	6.4	1.15	11.88	S, US, 6
1 1/2	3000	56H	113904.00	√	767	C6C28DB27	37	110/220	8.6	1.15	11.84	S, US
	1500	56H	110398.00	√	907	C6K14DB1	43	110/220	8.4	1.15	12.35	S, US, 6, 53
2	3000	56H	113905.00	√	940	C6C28DB28	42	110/220	10.7	1.15	12.34	S, US
	1500	182T	131553.00	√	1,090	C182C14DB3	70	220	11.8	1.15	13.69	S, US
3	3000	56H	113937.00	√	1,112	C6K28DB5	47	220	12.4	1.15	12.84	S, US
	1500	184T	131554.00	√	1,246	C184C14DB2	80	220	16.8	1.15	14.69	S, MX
5	1500	184T	131555.00	√	2,548	C184K14DB9	95	220	23.2	1.15	15.69	S, MX, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Special Voltage Motors

50 Hertz Motors - Single Phase - Rigid Base

Single Phase - TEFC - Rigid Base - IP54

HP	RPM 50 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 220 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	3000	56	113916.00	√	443	C6C28FB25	25	110/220	3.2	1.00	10.81	S, US
	1500	56	110423.00	√	560	C6C14FB6	24	110/220	3.2	1.00	10.81	S, US
	1500	56	113908.00	√	566	M6C14FB22	26	110/220	3.2	1.00	10.81	S, US
1/2	3000	56	113917.00	√	473	C6C28FB26	27	110/220	3.8	1.00	11.31	S, US
	1500	56	110064.00	√	642	C6C14FB1	25	110/220	4.1	1.00	11.31	S, US
	1500	56	113909.00	√	642	M6C14FB23	29	110/220	4.1	1.15	11.31	S, US
3/4	3000	56	113918.00	√	538	C6C28FB27	29	110/220	5.6	1.00	11.31	S, US
	1500	56	110065.00	√	735	C6C14FB2	32	110/220	5.9	1.00	11.81	S, US
	1500	56	113910.00	√	762	M6C14FB24	32	110/220	5.9	1.00	11.81	S, US
1	3000	56	113919.00	√	623	C6C28FB28	32	110/220	6.6	1.00	11.81	S, US
	1500	56H	110066.00	√	884	C6C14FB3	38	110/220	6.4	1.00	12.81	S, US, 6
	1500	56	113911.00	√	884	M6C14FB25	34	110/220	6.4	1.00	12.31	S, US
1 1/2	3000	56H	113920.00	√	821	C6C28FB29	44	110/220	8.0	1.00	13.31	S, US
	1500	56H	110424.00	√	1,002	C6K14FB1	47	110/220	8.6	1.00	13.31	S, US, 6, 53
	1500	56H	113929.00	√	913	P6K14FB9	49	110/220	8.6	1.00	13.31	S, US, 6, 53
2	3000	56HZ	113928.00	√	993	C6C28FB24	44	110/220	10.7	1.00	13.76	S, US, 3
	1500	182T	131556.00	√	1,501	C182C14FB6	95	220	11.2	1.00	15.96	S, MX
	1500	182T	131600.00	C/A	1,482	P182C14FB5	71	220	12.0	1.00	14.96	S, MX
3	3000	145T	121070.00	√	1,222	C145K28FB6	50	220	12.4	1.00	12.84	S, US, 53
	3000	56H	113936.00	√	1,222	C6K28FB2	48	220	12.4	1.00	13.81	S, US, 53
	1500	184T	131557.00	√	2,144	C184C14FB6	98	220	15.9	1.00	16.96	S, MX
	1500	184T	131601.00	√	2,112	P184C14FB7	98	220	15.9	1.00	16.96	S, MX
5	3000	184T	131638.00	√	1,414	C184K28FB2	98	220	20.5	1.00	17.46	S, MX, 53
	1500	184T	131578.00	√	2,721	C184K14FB5	103	220	21.0	1.00	17.46	S, MX, 53
	1500	213TZ	140475.00	C/A	2,734	P213K14FB1	163	220	24.5	1.00	18.71	S, MX, 53

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Single Phase - Drip-Proof - Resilient Base - IP22

HP	SYN RPM 50 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 220 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	3000	56	114222.00	√	376	C6C28DR1	24	110/220	3.2	1.35	10.82	S, US
	1500	56	114223.00	√	491	C6C14DR18	24	110/220	3.2	1.35	10.81	S, US
1/2	3000	56	114224.00	C/A	439	C6C28DR2	26	110/220	3.8	1.25	11.32	S, US
	1500	56	114225.00	√	612	C6C14DR19	27	110/220	4.1	1.25	11.31	S, US
3/4	3000	56	114226.00	√	533	C6C28DR3	28	110/220	5.6	1.25	11.32	S, US
	1500	56	114227.00	√	731	C6C14DR16	31	110/220	5.9	1.25	11.81	S, US
1	3000	56	114228.00	C/A	606	C6C28DR4	31	110/220	6.6	1.25	11.82	S, US
	1500	56	114229.00	C/A	806	C6C14DR17	35	110/220	6.4	1.15	12.31	S, US
1 1/2	1500	56H	114231.00	√	905	C6K14DR12	42	110/220	8.4	1.15	13.32	S, US, 53
2	1500	56H	114233.00	√	1,103	C6K14DR13	49	220	9.6	1.15	13.82	S, US

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

Single Phase - TEFC - C Face Less Base - IP54

HP	RPM 50 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 220 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1500	56C	113921.00	√	576	M6C14FC5	22	110/220	Man.	3.2	1.00	10.81	S, US
1/2	3000	56C	113912.00	√	495	C6C28FC3	25	110/220	None	3.8	1.00	11.31	S, US
	1500	56C	113922.00	√	660	M6C14FC6	29	110/220	Man.	4.1	1.15	11.31	S, US
3/4	3000	56C	113913.00	√	550	C6C28FC4	28	110/220	None	5.6	1.00	11.31	S, US
	1500	56C	113923.00	√	755	M6C14FC7	31	110/220	Man.	5.9	1.00	11.81	S, US
1	3000	56C	113914.00	√	679	C6C28FC5	32	110/220	None	6.6	1.00	11.81	S, US
	1500	56C	113924.00	√	795	M6C14FC8	34	110/220	Man.	6.4	1.00	12.31	S, US
1 1/2	3000	56C	113915.00	√	883	C6C28FC6	43	110/220	None	8.0	1.00	13.31	S, US
	1500	56C	113925.00	√	963	P6K14FC4	42	110/220	Man.	8.6	1.00	13.31	S, US, 53
2	3000	145TC	120990.00	√	1,019	C145K28FC2	47	110/220	None	8.6	1.15	13.75	S, US, 53
	1500	182TC	131599.00	C/A	1,518	P182C14FC2	70	220	Man.	12.0	1.00	14.97	S, MX

C/A = Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Special Voltage Motors

50 Hertz Motors - Three Phase

General Specifications:

Totally enclosed fan cooled,
12-lead motors designed specifically for 50 Hz service. These motors are intended for equipment built in North America and destined for use in 50 Hz service areas of the world.

Features:

- Suitable for 220/380 volt, 50 Hz, or 440 volt, 50 Hz, three phase power
- Torques exceed NEMA performance for Design B motors
- Construction meets IP 54 protection standards
- Class F insulation

Three Phase - TEFC - Rigid Base

kW/HP	RPM 50 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 380 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
0.18/1/4	1500	48	102685.00	√	466	C4T14FB4	19	220/380/440	1.0	56.0	1.15	9.06	S, MX
0.25/1/3	3000	48	102686.00	√	465	C4T28FB2	19	220/380/440	0.8	60.0	1.15	9.93	S, US
	1500	48	102688.00	√	560	C4T14FB5	19	220/380/440	1.1	65.0	1.15	9.31	S, MX
	1500	S56	102183.00	√	524	C4T14FH1	19	220/380/440	1.1	65.0	1.15	9.69	S, MX
0.37/1/2	3000	48	102690.00	C/A	538	C4T28FB1	20	220/380/440	1.0	69.0	1.15	10.43	S, US
	1500	48	102692.00	√	633	C4T14FB3	20	220/380/440	1.4	72.0	1.15	9.81	S, MX
	1500	S56	102693.00	√	585	C4T14FH2	20	220/380/440	1.4	72.0	1.15	10.19	S, MX
	1500	56	114304.00	√	630	C6T14NB1	25	220/380/440	1.0	78.0	1.15	10.38	S, US, 12
0.55/3/4	3000	56	114306.00	√	570	C6T28FB4	24	220/380/440	1.8	72.0	1.15	10.81	S, US
	1500	56	114307.00	√	671	C6T14FB7	27	220/380/440	1.9	74.0	1.15	11.31	S, US
0.75/1	3000	56	114308.00	√	682	C6T28FB5	26	220/380/440	2.4	71.0	1.15	11.31	S, US
	1500	56	114888.00	√	678	C6T14FB8	28	220/380/440	2.0	77.0	1.15	11.31	S, US
	1500	143T	121096.00	√	678	C143T14FB2	35	220/380/440	2.0	77.0	1.15	12.75	S, US
1.1/11/2	3000	145T	121097.00	C/A	702	C145T28FB4	34	220/380/440	2.9	80.0	1.15	12.76	S, US
	1500	145T	121093.00	√	702	C145T14FB13	40	220/380/440	3.3	75.5	1.15	12.75	S, US
1.5/2	3000	145T	121094.00	C/A	760	C145T28FB5	42	220/380/440	3.6	80.0	1.15	12.76	S, US
	1500	145T	121095.00	√	795	C145T14FB14	40	220/380/440	3.7	81.5	1.15	13.25	S, US
2.2/3	3000	182T	131480.00	√	981	C182T28FB3	58	220/380/440	4.8	82.5	1.15	13.46	S, MX
	1500	182T	131459.00	√	939	C182T14FB5	64	220/380/440	4.7	84.0	1.15	13.46	S, MX
3.7/5	3000	184T	131481.00	√	1,155	C184T28FB14	76	220/380/440	7.4	84.0	1.15	14.46	S, MX
	1500	184T	131454.00	√	1,070	C184T14FB7	82	220/380/440	8.1	85.0	1.00	15.46	S, MX

C/A - Check Availability
Note 12 - TENV
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Three Phase - TEFC - C Face Less Base - IP54 Enclosure Protection

kW/HP	RPM 50 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 380 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
0.18/1/4	1500	S56C	102184.00	√	495	C4T14FC2	18	220/380/440	1.0	56.0	1.15	9.44	S, MX
0.25/1/3	3000	S56C	102687.00	√	489	C4T28FC2	19	220/380/440	0.8	60.0	1.15	10.31	S, US
	1500	S56C	102689.00	√	535	C4T14FC4	19	220/380/440	1.1	65.0	1.15	9.69	S, MX
	1500	56C	114889.00	√	573	C6T14FC5	18	220/380/440	1.1	68.0	1.15	10.31	S, US
0.37/1/2	3000	S56C	102691.00	√	567	C4T28FC1	20	220/380/440	1.0	69.0	1.15	10.81	S, US
	1500	S56C	102694.00	√	630	C4T14FC3	20	220/380/440	1.4	72.0	1.15	10.19	S, MX
	1500	56C	114891.00	√	636	C6T14FC4	20	220/380/440	1.2	73.0	1.15	10.81	S, US
	1200	56C	114892.00	√	702	C6T9FC1	28	220/380/440	1.5	68.0	1.15	11.31	S, US
0.55/3/4	3000	56C	114893.00	√	570	C6T28FC1	24	220/380/440	1.8	72.0	1.15	10.81	S, US
	1500	56C	114894.00	√	679	C6T14FC6	27	220/380/440	1.9	74.0	1.15	11.31	S, US
0.75/1	3000	56C	114895.00	√	686	C6T28FC3	26	220/380/440	2.4	71.0	1.15	11.31	S, US
	1500	56C	114896.00	√	707	C6T14FC7	28	220/380/440	2.0	77.0	1.15	11.31	S, US
	1500	143TC	121272.00	√	707	C143T14FC2	31	220/380/440	2.0	77.0	1.15	11.75	S, US
	1200	145TC	121273.00	√	813	C145T9FC3	39	220/380/440	2.7	73.0	1.15	13.25	S, US
1.1/11/2	3000	143TC	121274.00	C/A	730	C143T28FC1	33	220/380/440	2.9	80.0	1.15	12.25	S, US
	1500	145TC	121275.00	√	739	C145T14FC6	37	220/380/440	3.3	75.5	1.15	12.75	S, US
1.5/2	3000	145TC	121276.00	√	731	C145T28FC1	41	220/380/440	3.6	80.0	1.15	12.75	S, US
	1500	145TC	121277.00	√	796	C145T14FC5	40	220/380/440	3.7	81.5	1.15	13.75	S, US
2.2/3	3000	182TC	131505.00	√	998	C182T28FC2	59	220/380/440	4.8	82.5	1.15	13.97	S, MX
	1500	182TC	131506.00	√	926	C182T14FC3	63	220/380/440	4.7	84.0	1.15	13.97	S, MX
3.7/5	3000	184TC	131507.00	√	1,181	C184T28FC3	75	220/380/440	7.4	84.0	1.15	14.47	S, MX
	1500	184TC	131508.00	√	1,057	C184T14FC3	82	220/380/440	8.1	85.0	1.00	15.47	S, MX

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Special Voltage Motors

Medium Voltage Motors

2300/4000 Volts - Three Phase - Foot Mount

Applications:
Ideally suited for applications requiring heavy duty, large horsepower electric motors. Typical uses include pulp and paper mills, mineral processing, waste management facilities, lumber and wood processing mills, automobile manufacturing plants and other severe duty environments where medium voltage power is available.

Features Frames 447T - 449T:
- Full cast iron construction
- Double shielded radial ball bearings
- Designed for direct coupled loads (contact your local Sales office about belted loads)
- Grease fittings with extended grease tubes
- Internal and external epoxy finish
- Premium Class H insulation system
- Front and rear cast iron bearing caps

Features Frames 5011 - 5013
- Full cast iron construction
- Double shielded radial ball bearings
- Designed for direct coupled loads (contact your local Sales office about belted loads)
- Grease fittings with extended grease tubes
- Corrosion resistant breather/drains
- Oversized cast iron terminal box
- Internal and external epoxy finish
- Premium Class H insulation system
- Inpro/Seal™ bearing isolators on each end
- Front and rear cast iron bearing caps
- Provision for jacking bolts in all four feet
- Provision for dowel pins in drive end feet
- Grounding points located in terminal box and feet
- 100 ohm platinum winding RTDs as standard on sizes 400 HP and larger

Design ranges include 150 through 350 HP in 4, 6 and 8-pole designs
400 - 500 HP in 4 and 6-pole designs
600 and 700 HP ratings in 4-pole designs

Contact your local sales office for a quote

600 Volts and Lower Motors

	LV ODP	LV TEFC	LV DPFV	LV WPI	LV WPII	LV TEFC	LV TEAAC	LV TEWAC
	NEMA			IEC				
Range	15–600 HP	15–700 HP	25–1250 HP	250–3350 HP	250–3350 HP	250–2150 HP	300–2680 HP	250–3350 HP
Voltage	460V	460V	460V	460V	460V	460V	460V	460V
Pole	2-, 4-, 6-, 8-pole	2-, 4-, 6-, 8-pole	2-, 4-, 6-, 8-pole	2-, 4-, 6-, 8-pole	2-, 4-, 6-, 8-pole	2-, 4-, 6-, 8-pole	2-, 4-, 6-pole	2-, 4-, 6-, 8-pole
Frequency	60 and/or 50 Hertz	60 Hertz	60 and/or 50 Hertz	60 Hertz	60 Hertz	60 Hertz	60 Hertz	60 Hertz
Frame	254–510 NEMA	254–5013 NEMA	364–6805 NEMA	355–630 IEC	355–630 IEC	355–560 IEC	355–630 IEC	355–630 IEC
Protection	IP12 & 23	IP55	IP12 & 23	IP23	IP23	IP55	IP44	IP44
Ambient	40° C	40° C	40° C	40° C	40° C	40° C	40° C	40° C
Insulation	Class F	Class H VPI	Class F	Class F VPI	Class F VPI	Class F VPI	Class F VPI	Class F VPI
Construction	Rolled Steel & Cast Iron	Cast Iron	Cast Iron	Fabricated	Fabricated	Cast Iron	Fabricated	Fabricated
Performance	MG1	MG1	MG1	IEC	IEC	IEC	IEC	IEC
Bearings	Anti-Friction	Anti-Friction	Anti-Friction	Anti-Friction	Anti-Friction	Anti-Friction	Anti-Friction	Anti-Friction
Service Factor	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15
Inverter	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Medium Voltage Motors

	MV ODP	MV TEFC	MV WPI	MV WPII	MV TEFC	MV TEAAC	MV TEWAC
	NEMA		IEC				
Range	125–700 HP	200–750 HP	250–3350 HP	250–3350 HP	250–2410 HP	300–3350 HP	250–3350 HP
Voltage	2300/4000V	2300/4000V	2300/4000V	2300/4000V	2300/4000V	2300/4000V	2300/4000V
Pole	2-, 4-, 6-, 8-pole	2-, 4-, 6-pole	2-, 4-, 6-pole	2-, 4-, 6-pole	2-, 4-, 6-pole	2-, 4-, 6-pole	2-, 4-, 6-, 8-pole
Frequency	60 Hertz	60 Hertz	60 Hertz	60 Hertz	60 Hertz	60 Hertz	60 Hertz
Frame	449T–510U NEMA	5011–5811 NEMA	355–630 IEC	355–630 IEC	355–560 IEC	355–630 IEC	355–630 IEC
Protection	IP23	IP55	IP23	IPW23	IP55	IP44	IP44
Ambient	40° C	40° C	40° C	40° C	40° C	40° C	40° C
Insulation	Class H VPI	Class H VPI	Class F VPI	Class F VPI	Class F VPI	Class F VPI	Class F VPI
Construction	Rolled Steel & Cast Iron	Cast Iron	Fabricated	Fabricated	Cast Iron	Fabricated	Fabricated
Performance	MG1	MG1	IEC	IEC	IEC	IEC	IEC
Bearings	Anti-Friction	Anti-Friction	Anti-Friction	Anti-Friction	Anti-Friction	Anti-Friction	Anti-Friction
Service Factor	1.15	1.15	1.15	1.15	1.15	1.15	1.15
Inverter	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Special Configurations:

There's more to LEESON large AC induction motor capabilities than what you see here. Contact your local LEESON Electric District Sales Office to discuss your unique application.

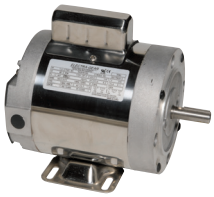
In some cases:

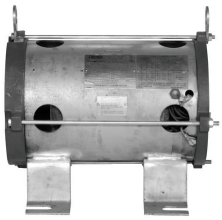
- HP capability can extend to 5000 HP
- Voltages can extend to 6.6KV & 11KV and higher

Available Accessories:

- Stator RTDs
- Bearing RTDs
- Space Heaters
- Vibration Detectors
- Split Sleeve Bearings
- Noise Reduction Packages
- Lightning Arrestors
- Surge Capacitors
- **Ask about other options**

Definite Purpose Motors





Product Families Include:

- Compressor Duty Motors – page 247
- Pressure Washer Duty Motors – page 249
- Woodworking Motors – page 251
- Instant Reversing Motors – page 253
- Boat Hoist Motors – page 255
- Two-Speed Motors – page 256
- Crusher Duty Motors – page 257
- Elevator Duty Motors – page 258
- Unit Handling Motors – page 267
- Export Only General Purpose Motors – page 268

General Specifications:
Motors designed for air compressor, pump, and fan and blower duty applications which require high breakdown torque and rugged mechanical construction.

Mechanical Features:
- Double shielded ball bearings
- Designed for belted loads

Electrical Features:
- High efficient copper windings
- High starting and breakdown torque
- Dual rotation

Rigid Base - Capacitor Start - General Purpose - Drip-Proof
Single Phase - Drip-Proof - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1	3600	56	110160.00	√	457	M6C34DB6	27	115/230	Man.	6.7	SPEC	11.38	S, US
	1800	143T	120044.00	√	622	C143C17DB3	38	115/208-230	None	6.4	1.15	11.28	S, US
	1800	143T	120003.00	√	654	M143C17DB2	33	115/208-230	Man.	6.4	1.15	11.13	S, US
1 1/2	3600	56	110161.00	√	501	P6C34DB7	33	115/230	Man.	10.0	SPEC	11.88	S, US
	1800	145T	120042.00	√	687	C145K17DB5	38	115/208-230	None	8.6	1.15	12.28	S, US, 53
	1800	145T	LM24687	√	721	SSD4S1.5T1C602	41	115/208-230	None	8.6	1.15	12.49	S, US
	1800	145T	120004.00	√	873	P145K17DB3	40	115/208-230	Man.	8.6	1.15	12.28	S, US, 53
2	3600	56	110232.00	√	523	M6C34DB11	33	115/230	Man.	11.0	SPEC	11.88	S, US
	1800	182T	131515.00	√	849	C182C17DB8	56	115/208-230	None	12.4	1.15	13.19	S, MX
	1800	182T	131536.00	√	909	P182C17DB10	63	115/208-230	Man.	8.8	1.15	10.66	S, MX
3	3600	56Y	110222.00	√	586	M6C34DB13	38	230	Man.	15.0	1.15	12.38	S, US, 36
	1800	184T	131534.00	√	919	C184C17DB19	69	115/230	None	16.9	1.15	14.19	S, MX
5SPL	3600	56	116523.00	√	707	P6K34DB22	35	208-230	Man.	15.0	1.00	11.44	S, US, 53
5	3600	56Y	111275.00	√	729	P6K34DB5	44	230	Man.	20.8	1.00	13.34	S, US, 36, 53
	3600	56Y	116789.00	√	751	P6K34DB27	45	230	Man.	20.8	1.00	12.38	S, US, 10, 53
	3600	145T	120554.00	√	737	P145K34DB1	46	230	Man.	20.8	1.00	13.12	S, US, 53
	1800	184T	131537.00	√	1,103	C184K17DB31	83	230	None	21.0	1.15	14.69	S, MX, 53
	1800	184T	LM24682	√	1,127	SSD4S5T1B600	87	208-230	None	21.0	1.15	14.69	S, MX, 53
	1800	184T	131622.00	√	1,319	P184K17DB33	82	230	Man.	21.0	1.15	14.69	S, MX, 53
7 1/2	3600	184T	132044.00	√	1,062	C184K34DB8	110	208-230	Tstat	31.0	1.15	16.69	S, MX, 53
	3600	213T	140680.00	√	1,794	C213K34DB1	112	208-230	None	29.5	1.15	16.55	S, MX, 53
	1800	215T	140155.00	√	1,566	C215K17DB2	113	230	None	36.0	1.15	17.26	S, MX, 53
	1800	215T	LM24683	√	1,652	SS215D4S7.5T1B600	118	208-230	None	36.0	1.15	17.26	S, MX, 53
10	3600	215T	140681.00	√	2,268	C215K34DB1	135	208-230	None	37.0	1.15	18.05	S, MX, 53
	1800	215TZ	140311.00	√	2,289	C215K17DB4	140	230	None	43.0	1.25	19.76	S, MX, 53
	1800	215TZ	LM24684	√	2,345	SSD4S10T1B600	140	208-230	None	43.0	1.15	19.76	S, MX, 53

▼ LM Numbers are Lincoln Models
5SPL - Breakdown torque of 5 HP, continuous duty as 3 HP motor
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Definite Purpose Motors

Compressor Duty Motors

Compressor, Pump and Fan & Blower Duty

Three Phase - Drip-Proof - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	Inverter Speed Range	♥Notes
1	1800	143T	121003.00	√	670	C143T17DB10	36	208-230/460	3.2	85.5	1.25	12.10	S, US	S, US
	1800	143T	LM24871	√	553	SSD4B1T6	35	208-230/460	3.2	85.5	1.25	12.00	S, MX	S, MX
1 1/2	1800	145T	121004.00	√	699	C145T17DB32	35	208-230/460	4.8	86.5	1.25	12.60	S, US	S, US
	1800	145T	LM24875	√	578	SSD4B1.5T6	45	208-230/460	4.4	86.5	1.25	13.00	S, MX	S, MX
2	1800	145T	121005.00	√	792	C145T17DB33	37	208-230/460	5.8	86.5	1.25	13.60	S, US	S, US
	1800	145T	LM24169	√	640	SSD4B2T6	48	208-230/460	6.0	86.5	1.25	11.50	S, MX	S, MX
3	1800	182T	131519.00	√	810	C182T17DB37	75	208-230/460	7.8	89.5	1.25	13.70	S, MX	S, MX
	1800	182T	LM24222	√	834	SSD4B3T61	75	208-230/460	8.0	89.5	1.25	13.20	S, MX	S, MX
5	1800	184T	131520.00	√	913	C184T17DB44	86	208-230/460	12.8	89.5	1.25	14.70	S, MX	S, MX
	1800	184T	LM24202	√	935	SSD4B5T61	91	208-230/460	12.6	89.5	1.25	14.20	S, MX	S, MX
7 1/2	1800	213T	140470.00	√	1,145	C213T17DB2	133	208-230/460	20.6	91.0	1.25	16.30	S, MX	S, MX
	1800	213T	LM24194	√	1,317	SSD4B7.5T6	125	208-230/460	19.2	91.0	1.25	18.50	S, US	S, US
10	1800	215T	140472.00	√	1,353	C215T17DB15	144	208-230/460	26.8	91.7	1.25	17.30	S, MX	S, MX
	1800	215T	LM24193	√	1,471	SSD4B10T6	155	208-230/460	25.0	91.7	1.25	18.50	S, US	S, US
20	1800	256T	170006.60	√	2,330	C256T17DB5	324	208-230/460	51.0	93.0	1.25	22.60	C, CN	C, CN
	1800	256T	LM24199	√	2,531	CCD4B20T6	350	208-230/460	48.0	93.0	1.25	24.40	C, US	C, US

Green items are Premium Efficient

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

Specifications are subject to change without notice

Three Phase - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3	1800	182T	131463.00	√	930	C182T17FB32	80	208-230/460	7.8	89.5	1.15	14.96	S, MX
	1800	182T	LM32741	√	930	SSF4B3T61	77	208-230/460	7.8	89.5	1.15	13.96	S, MX
5	1800	182T	131464.00	√	1,023	C184T17FB42	94	208-230/460	12.8	89.5	1.15	15.96	S, MX
	1800	182T	LM33266	√	1,023	SSF4B5T61	85	208-230/460	12.6	89.5	1.15	14.96	S, MX
7 1/2	1800	213T	140450.00	√	1,315	C213T17FB6	144	208-230/460	21.4	91.7	1.25	18.70	S, MX
	1800	213T	LM32805	√	1,214	SSF4B7.5T6	115	208-230/460	19.4	91.7	1.25	20.23	S, US
10	1800	215T	140451.00	√	1,590	C215T17FB18	161	208-230/460	26.6	91.7	1.25	19.70	S, MX
	1800	215T	LM32809	√	1,499	SSF4B10T6	135	208-230/460	26.0	91.7	1.25	21.48	S, US
15	1800	254T	170066.60	√	2,345	C254T17FB10	280	208-230/460	36.0	92.4	1.25	23.19	C, CN
	1800	254T	LM24208	√	2,619	CCF4B15T6	322	208-230/460	37.5	92.4	1.25	25.27	C, US
20	1800	256T	170007.60	√	2,933	C256T17FB4	322	208-230/460	49.0	93.0	1.15	24.92	C, CN

Green items are Premium Efficient

♥ Note listing on inside back flap

▼ LM Numbers are Lincoln Models

Specifications are subject to change without notice

View On-line Technical Information

Motors specially suited for hot or cold pressure washer applications and other single phase installations requiring minimum starting and running amperages.

Mechanical Features:
- Double shielded ball bearings
- Dynamically balanced rotors

Electrical Features:
- Windings dipped in heavy duty varnish system
- Capacitor start / capacitor run designs to reduce amp draw
- Manual reset overload protection
- High service factor

Single Phase - Drip-Proof - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3600	S56	100053.00	√	447	M4C34DH3	24	115/208-230	Man.	4.9	1.25	10.49	S, MX
	1800	S56	101544.00	C/A	646	M4K17DH2	28	115/208-230	Man.	4.0	1.25	11.24	S, US, 53
1	3600	56	110097.00	√	462	M6C34DB3	27	115/208-230	Man.	6.0	1.25	10.84	S, US
	1800	56	113630.00	√	701	M6K17DB33	31	115/208-230	Man.	5.3	1.15	10.84	S, US, 53
1½	3600	56	113631.00	√	613	M6K34DB15	36	115/208-230	Man.	6.2	1.15	11.34	S, US, 53
	1800	56H	113266.00	√	817	M6K17DB30	42	115/208-230	Man.	6.7	1.15	12.38	S, US, 6, 53
	1800	145T	120004.00	√	873	P145K17DB3	40	115/208-230	Man.	8.6	1.15	12.28	S, US, 53
2	3600	56	113632.00	√	828	P6K34DB16	36	115/208-230	Man.	8.6	1.15	11.34	S, US, 53
	1800	56H	116704.00	√	873	P6K17DB47	45	115/208-230	Man.	8.6	1.15	12.88	S, US, 6, 53
	1800	145T	120879.00	√	918	P145K17DB38	53	115/208-230	Man.	8.6	1.15	13.31	S, US
3	3600	56H	116706.00	√	880	M6C34DB75	39	230	Man.	15.0	1.00	12.38	S, US, 6, 53
	1800	184T	131851.00	C/A	1,086	C184K17DB40	72	208-230	Man.	13.7	1.15	15.22	S, MX, 9
5	3600	56H	116708.00	√	900	P6K34DB26	45	230	Man.	20.8	1.00	13.34	S, US, 6, 53
	1800	184T	131622.00	√	1,319	P184K17DB33	82	208-230	Man.	21.0	1.15	14.69	S, MX

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

Single Phase - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3600	56	110108.00	√	471	M6C34FB7	26	115/208-230	Man.	5.0	1.15	11.31	S, US
	1800	56	110022.00	√	640	M6C17FB7	29	115/208-230	Man.	5.4	1.15	11.31	S, US
1	3600	56	110142.00	√	576	M6C34FB2	28	115/208-230	Man.	6.0	1.15	11.81	S, US
	1800	56	110023.00	√	724	M6C17FB8	29	115/208-230	Man.	6.4	1.15	11.81	S, US
	1800	143T	120008.00	√	724	M143C17FB2	31	115/208-230	Man.	6.4	1.15	12.75	S, US
1 1/2	3600	56	110109.00	√	793	M6C34FB8	31	115/208-230	Man.	8.5	1.00	12.31	S, US
	1800	56H	113333.00	√	820	M6K17FB32	38	115/208-230	Man.	8.6	1.00	12.81	S, US, 6, 53
	1800	145T	120009.00	√	820	M145K17FB2	42	115/208-230	Man.	8.6	1.00	13.25	S, US, 53
2	3600	56H	110402.00	√	925	P6C34FB23	41	115/208-230	Man.	10.0	1.00	13.31	S, US, 6, 53
	3600	145T	120395.00	√	935	P145C34FB5	44	115/208-230	Man.	10.0	1.00	13.75	S, US
	1800	145T	120867.00	√	1,176	P145K17FB22	48	115/208-230	Man.	9.2	1.00	13.75	S, US, 53
3	3600	56H	116705.00	√	964	P6K34FB31	53	230	Man.	14.0	1.00	13.81	S, US, 6, 53
	1800	184T	131855.00	√	1,303	P184K17FB26	88	230	Man.	13.7	1.15	16.86	S, MX, 53
5	3600	184T	132042.00	√	1,629	P184K34FB9	103	230	Man.	19.8	1.15	16.97	S, MX, 53
	1800	184T	131856.00	√	1,515	P184K17FB25	95	230	Man.	21.0	1.00	17.86	S, MX, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Definite Purpose Motors

Pressure Washer Motors

Single Phase - Drip-Proof - C Face With Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1 1/2	3600	56C	114214.00	√	653	M6K34DK8	35	115/208-230	Man.	6.2	1.15	11.34	S, US
	1800	56HC	113700.00	√	863	M6K17DK15	38	115/208-230	Man.	7.2	1.15	11.84	S, US, 6, 53
2	3600	56C	114215.00	√	829	P6K34DK9	45	115/208-230	Man.	8.6	1.15	11.34	S, US
	1800	56HC	113281.00	√	893	P6K17DK12	45	115/208-230	Man.	8.6	1.15	12.88	S, US, 6, 53
3	3600	56HC	116707.00	√	905	M6C34DK5	41	230	Man.	15.0	1.00	12.38	S, US, 6, 53
	1800	184TC	131853.00	√	1,086	C184K17DK18	87	208-230	Man.	15.4	1.15	15.96	S, MX, 53
5	3600	56HC	116709.00	√	926	P6K34DK18	46	230	Man.	20.8	1.00	13.54	S, US, 6, 53
	1800	184TC	131630.00	√	1,335	M184K17DK13	77	208-230	Man.	21.0	1.15	14.69	S, MX, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

Single Phase - TEFC - C Face With Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	116485.00	C/A	654	M6C17FK81	29	115/208-230	Man.	3.2	1.15	10.81	S, US, 57
1/2	1800	56C	116486.00	√	751	M6C17FK80	23	115/208-230	Man.	4.4	1.15	10.81	S, US, 53
3/4	1800	56C	116487.00	√	873	M6C17FK79	30	115/208-230	Man.	5.4	1.15	11.31	S, US, 53
1	3600	56C	115877.00	√	550	M6C34FK78	28	115/208-230	Man.	6.0	1.15	11.81	S, US
	1800	56C	115879.00	√	734	M6C17FK80	32	115/208-230	Man.	6.4	1.15	11.81	S, US
1 1/2	3600	56C	115024.00	√	748	M6K34FK16	35	115/208-230	Man.	6.2	1.15	12.31	S, US, 53
	1800	56HC	116703.00	√	877	M6K17FK50	39	115/208-230	Man.	8.6	1.15	12.81	S, US
2	3600	56HC	114995.00	√	890	P6K34FK15	42	115/208-230	Man.	9.2	1.15	13.31	S, US, 53
	1800	145TC	121465.00	√	1,176	P145K17FK10	44	115/208-230	Man.	9.2	1.00	13.75	S, US
3	3600	56HC	115048.00	√	974	P6K34FK17	53	208-230	Man.	14.0	1.00	13.81	S, US, 53
	1800	184TC	131857.00	√	1,662	P14K17FK14	104	230	Man.	13.7	1.15	17.61	S, MX, 53
5	3600	184TC	131632.00	√	1,670	P184K34FK2	103	230	Man.	19.8	1.15	16.97	S, MX
	1800	184TC	131633.00	√	1,740	P184K17FK11	989	230	Man.	23.0	1.00	16.97	S, MX

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

General Specifications:

- Motors designed for woodworking equipment such as table saws, planers, etc.
- Totally enclosed
- Fully gasketed to prevent dust entry

Single Phase - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3600	56	110108.00	√	471	M6C34FB7	26	115/208-230	Man.	5.0	1.15	11.31	S, US
1	3600	56	110142.00	√	576	M6C34FB2	28	115/208-230	Man.	6.0	1.15	11.81	S, US
1½	3600	56	110109.00	√	793	M6C34FB8	34	115/208-230	Man.	8.5	1.00	12.31	S, US
2	3600	56H	110402.00	√	925	P6C34FB23	41	115/208-230	Man.	10.0	1.00	13.31	S, US, 6
	3600	145T	120395.00	√	935	P145C34FB5	44	115/208-230	Man.	10.0	1.00	13.75	S, US
3	3600	145T	120341.00	√	959	C145K34FB3	46	230	None	13.0	1.00	14.25	S, US, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

Single Phase - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3	3600	145TC	120824.00	√	1,037	P145K34FC6	56	230	Man.	13.0	1.00	14.25	S, US, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

Table Saw Motor

General Specifications:

- Extra high breakdown torque
- 8 ft. cord with 115V plug
- On/off toggle switch
- Replaces Delta motor 62-042

Single Phase - TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1 1/2	3600	56	113627.00	√	951	M6C34FB63	39	115/230	Man.	7.5	1.00	12.31	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Definite Purpose Motors

Contractors' Saw Motors

General Specifications:

- Motor pivots on rod for belt tensioning
- Extra high breakdown torques for maximum cutting power
- 3/4" Dia. Shaft, 1-3/4" long with keyway
- Includes 54 inch cord
- Motors 120925.00 and 120997.00 replaces Delta UNISAW® motor 83-621 (1-1/2 HP)
- Motors 120728.00 and 120998.00 replaces Delta UNISAW® motors 83-651 (3 HP)

Single Phase - TEFC - Delta UNISAW® Mounting

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1 1/2	3600	143Y	120925.00	√	851	C143C34FB5	44	115/230	10.0	1.00	12.68	S, US
2	3600	143Y	120997.00	√	934	C143C34FB6	44	115/230	11.0	1.00	12.68	S, US
3	3600	145Y	120728.00	√	1,191	C145K34FB12	52	230	13.0	1.00	13.68	S, US, 53
4	3600	145Y	120998.00	√	1,244	C145K34FB16	48	230	17.6	1.00	13.68	S, US, 53

UNISAW® is a registered trademark of Delta International.

♥ Note listing on inside back flap

Specifications are subject to change without notice

Contractors' Power Tool Motors

General Specifications:

- Designed for woodworking applications
- Electronic starting switch
- High starting and breakdown torques
- 48 frame model has 1-1/2" long shaft by 1/2" Dia.
- 56 frame models have a 1-7/8" long shaft by 5/8" Dia.
- Shaft extensions, each end, include keyway and flat, 90° apart

Single Phase - Drip Proof - Rigid Base - Double-Shaft

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	S56Z	101781.00	√	566	C4C17DH106	17	115/208-230	4.4	1.25	12.43	S, US
3/4	3600	48Z	101782.00	√	581	C4C34DB15	24	115/208-230	4.9	1.25	12.18	S, US
1	3600	56Z	114216.00	√	608	C6C34DB71	27	115/208-230	6.0	1.25	12.81	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Parking Gates, Door Operators & Slide Gates

General Specifications:
Specially designed motors for use on "instant-reversing" parking gates, doors, slide gates, or other moderate starting torque instant reversing applications. Capable of frequent reversing service.

Features:
- Instant "plug-reversing" with simple three-wire connection
- Manual overload protected
- Approx. 150% starting torque - not suitable for hard start applications

Features (Rigid Base):
- Capacitor start, induction run motors with solid state, instant reversing switch
- Manual overload protected

Single Phase - Drip-Proof - Resilient Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 115 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1625	S56	191742.00	D	522	M4P17DJ21	18	115	Man.	4.0	1.00	10.31	S, CN
	1625	S56	103794.00	√	522	M4P17DJ29	18	115	Man.	4.2	1.00	10.81	S, MX
1/2	1625	S56	100802.00	√	576	M4P17DJ7	24	115	Man.	6.1	1.00	11.31	S, MX
	1625	S56	103460.00	√	427	5KCP35JNC128	22	115	Man.	5.0	1.00	9.94	S, MX
	1625	S56	191743.00	D	586	M4P17DJ22	24	115	Man.	4.6	1.00	10.31	S, CN, 47
	1625	S56	103821.00	√	586	M4P17DJ33	25	115	Man.	5.1	1.00	10.81	S, MX, 47
3/4	1625	56H	113642.00	√	687	M6P17DR4	33	115	Man.	8.2	1.00	11.31	S, US

Note 47 - Rated at 50 HZ at full rated HP
D - To be Discontinued once inventory is depleted
Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Definite Purpose Motors

Instant Reversing Motors

Features (Resilient Base and C Face):

- Instant "plug-reversing" with simple three-wire connection
- Manual overload protected
- Approx. 150% starting torque - not suitable for hard start applications

Single Phase - Drip-Proof - C Face Less Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 115 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1625	S56C	102017.00	√	514	M4P17DC29	18	115	Man.	4.2	1.00	9.99	S, MX
1/2	1625	S56C	102021.00	√	576	M4P17DC30	22	115	Man.	6.1	1.00	10.49	S, MX
	1625	S56C	100704.00	√	576	M4P17DC7	16	115	Man.	4.1	1.00	10.24	S, MX, *

Note * - Motor has same electrical design as 102017, but is rated for intermittent duty.

♥ Note listing on inside back flap

Specifications are subject to change without notice

Features (Rigid Base):

- Capacitor start, induction run motors with solid state, instant reversing switch
- Manual overload protected

Single Phase - TEFC - Rigid Base

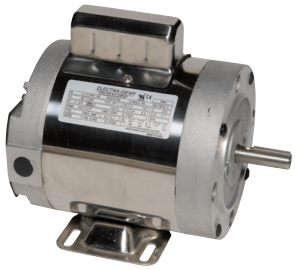
HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	1800	56	114932.00	√	738	P6C17FB113	30	115/208-230	Man.	5.4	1.15	11.31	S, MX
1	1800	56	114933.00	√	807	P6C17FB112	30	115/208-230	Man.	6.4	1.15	11.81	S, MX

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Our Electra Gear line of Boat Hoist Duty motors provide customized features that are needed to support the Boat Hoist Industry.



Features Include:

- Stainless steel frame, base, capacitor case and conduit box cover
- 15 minute duty cycle
- Drain holes located at 6:00 position
- TENV enclosure
- Die cast Aluminum endbells
- Capacitor case located at 12:00
- 115/230 Volt – 1.15 S.F.
- UL recognized component listing and CSA approved

Single Phase - TENV - C Face With Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	6439191250	√	442	6439191250	23	115/208-230	4.1	10.5	S, CN
3/4	1800	56C	6439191251	√	478	6439191251	26	115/208-230	4.9	11.1	S, CN
1	1800	56C	6439191252	√	520	6439191252	33	115/208-230	6.8	11.7	S, CN
1 1/2	1800	56C	6439191253	√	606	6439191253	47	115/208-230	8.4	12.6	S, CN

Specifications are subject to change without notice

♥ Note listing on inside back flap

Single Phase - TENV - C Face Less Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	6439191260	√	428	6439191260	22	115/208-230	4.1	10.5	S, CN
3/4	1800	56C	6439191261	√	465	6439191261	24	115/208-230	4.9	11.1	S, CN
1	1800	56C	6439191262	√	507	6439191262	32	115/208-230	6.8	11.7	S, CN
1 1/2	1800	56C	6439191263	√	592	6439191263	46	115/208-230	8.4	12.6	S, CN
2	1800	56C	6439191264	√	668	6439191264	48	115/208-230	9	13.4	S, CN

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Definite Purpose Motors

Two-Speed Motors

Three Phase - Variable and Constant Torque Designs

General Specifications:

Two-speed, single winding design motors. See page 216 for typical characteristic speed torque curves.

Variable Torque - 460 Volt - One Winding - TEFC - Rigid Base - 1800/900 RPM

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/.25	1800/900	143T	120945.00	C/A	977	C143T48FB7	36	460	1.6–0.7	1.00	12.75	S, US
1.5/.37	1800/900	145T	120941.00	√	1,017	C145T48FB60	36	460	2.4–1.0	1.00	12.75	S, US
2/.5	1800/900	145T	120940.00	C/A	1,185	C145T48FB48	36	460	3.2–1.3	1.00	12.75	S, US
3/.75	1800/900	184T	131474.00	C/A	1,269	C184T48FB67	77	460	4.0–1.8	1.00	14.46	S, MX
5/1.2	1800/900	184T	131475.00	√	1,620	C184T48FB68	107	460	6.5–2.5	1.00	15.96	S, MX
7.5/1.9	1800/900	215T	140447.00	√	2,283	C215T48FB46	155	460	9.7–3.3	1.00	17.71	S, MX
10/2.5	1800/900	215T	140448.00	√	2,689	C215T48FB48	168	460	12.7–4.2	1.00	18.71	S, MX

C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

Variable Torque - 208-230 Volt - One Winding - TEFC - Rigid Base - 1800/900 RPM

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/.25	1800/900	143T	120944.00	C/A	977	C143T48FB6	36	208-230	3.2–1.4	1.00	12.75	S, US
1.5/.37	1800/900	145T	120947.00	C/A	1,019	C145T48FB61	36	208-230	4.8–2.0	1.00	12.75	S, US
2/.5	1800/900	145T	120946.00	√	1,185	C145T48FB59	35	208-230	6.3–2.6	1.00	12.75	S, US
3/.75	1800/900	184T	131468.00	√	1,269	C184T48FB61	78	208-230	8.0–3.6	1.00	14.46	S, MX
5/1.2	1800/900	184T	131469.00	√	1,620	C184T48FB62	94	208-230	13.0–5.0	1.00	15.96	S, MX
7.5/1.9	1800/900	215T	140443.00	C/A	2,305	C215T48FB45	154	208-230	19.4–6.6	1.00	17.71	S, MX
10/2.5	1800/900	215T	140444.00	C/A	2,689	C215T48FB47	166	208-230	25.4–8.4	1.00	18.71	S, MX

C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

Constant Torque - 460 Volt - One Winding - TEFC - Rigid Base - 1800/900 RPM

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/.5	1800/900	143T	120943.00	C/A	1,393	C143T48FB9	36	460	1.4–1.6	1.00	13.25	S, US
2/1	1800/900	184T	131471.00	√	1,780	C184T48FB64	68	460	2.9–2.9	1.00	13.96	S, MX
3/1.5	1800/900	184T	131470.00	√	2,020	C184T48FB63	80	460	3.8–3.5	1.00	14.96	S, MX
5/2.5	1800/900	215T	140445.00	C/A	2,640	C215T48FB43	145	460	6.7–7.0	1.00	17.71	S, MX

C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

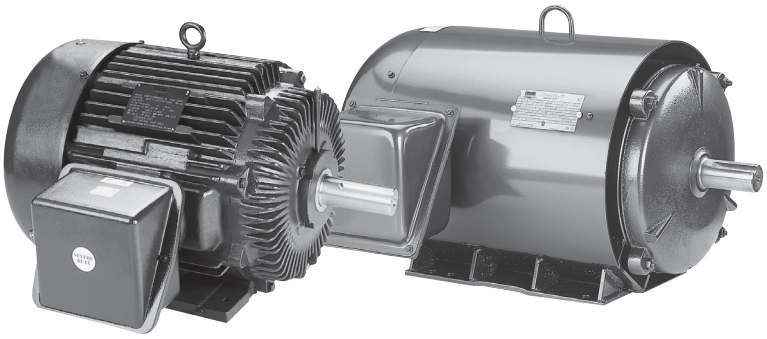
Constant Torque - 208-230 Volt - One Winding - TEFC - Rigid Base - 1800/900 RPM

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/.5	1800/900	143T	120942.00	C/A	1,393	C143T48FB8	37	208-230	3.2–4.2	1.00	12.75	S, US
2/1	1800/900	184T	131473.00	C/A	1,780	C184T48FB66	69	208-230	5.8–5.7	1.00	13.96	S, MX
3/1.5	1800/900	184T	131472.00	√	2,020	C184T48FB65	80	208-230	7.6–6.9	1.00	14.96	S, MX
5/2.5	1800/900	215T	140446.00	C/A	2,640	C215T48FB44	137	208-230	13.4–14.0	1.00	17.71	S, MX

C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information



Applications:
Ideally suited for size reduction equipment including rock crushers and pulverizers and other uses in the aggregate and construction industries. Crusher Duty motors are designed for belted (radial) loads only.

Features:
- Drive end roller bearing
- Superior speed-torque curves - most SF (Rolled Steel TEFC) models nameplated Design B & C. all CCS (Cast Iron Severe Duty) models labeled Design C.
- Inverter-rated
- Continuous duty
- Premium Class F insulation system
- Across-the-line, Y-Delta (YDS) and Part Winding (PWS) start capability
- Installation versatility - mount Lincoln Crusher Duty motors horizontal or vertical shaft down
- Over temperature protection – Class F thermostats
- Drive-end roller bearing for belted load applications
- 4140 grade high strength shaft material

Ratings Include:
Cast Iron and Steel frame construction
100 to 300 HP in 4 and 6-pole designs
350 - 400 HP in 4-pole designs

Contact your local sales office for a quote. Higher HP ratings are also available.

Definite Purpose Motors

Lincoln Hydraulic Elevator Duty Motors

Applications:

Hydraulic pump passenger, service, freight, and dumbwaiter low rise elevators. Typically hydraulic elevators travel up to 6 floors at speeds up to 200 fpm.

Features:

- Dual rated nameplates for 80 & 120 starts/hour
- Designed for belt driven pumps
- Wye Start/Delta Run
- Class F Insulated
- 40° C ambient
- F-1 mounting
- Ball bearings with grease fittings and automatic relief
- NEMA dimensions
- UL recognized component listing and CSA approved
- Constructed for low noise and low vibration

Three Phase - Drip-Proof - Rigid Base - 80 Starts Per Hour

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	% F. L. Nom. Eff.	80 Starts F.L. Amps	Locked Rotor Amps	♥Notes
15	3600	213T	LM30092	C/A	1,314	SSD2P10/15T61YEH2	149	230/460	88.5	36	162/81	S, US
	1800	215T	LM28867	√	1,206	SSD4G10/15T6006YEH2	128	200	89.5	45	170	S, US
	1800	215T	LM28868	√	1,206	SSD4S10/15T61YEH2	124	230/460	89.5	39.2/19.6	148/74	S, US
20	3600	215T	LM30093	√	1,715	SSD2P15/20T6006YEH2	135	200	90.2	53	267	S, US
	3600	215T	LM30094	√	1,715	SSD2P15/20T61YEH2	138	230/460	90.2	46/23	232/116	S, US
	1800	254T	LM28873	√	1,644	SSD4G15/20T6006YEH2	203	200	91.0	59	267	S, US
	1800	254T	LM28874	√	1,644	SSD4G15/20T61YEH2	205	230/460	91.0	51.4/25.7	232/116	S, US
25	3600	254T	LM30095	√	2,175	SSD2P20/25T6006YEH2	128	200	91.0	67	334	S, US
	3600	254T	LM30096	√	2,175	SSD2P20/25T61YEH2	134	230/460	91.0	58/29	290/145	S, US
	1800	256T	LM28879	√	2,079	SSD4G20/25T6006YEH2	233	200	91.0	74	368	S, US
	1800	256T	LM28880	√	2,079	SSD4G20/25T61YEH2	233	230/460	91.0	64/32	320/160	S, US
30	3600	256T	LM30097	√	2,616	SSD2P25/30T6006YEH2	235	200	91.0	80	419	S, US
	3600	256T	LM30098	√	2,616	SSD2P25/30T61YEH2	235	230/460	91.0	69/34.5	364/182	S, US
	1800	284T	LM29850	√	2,746	CCD4G25/30T6006YEH2	300	200	91.7	84	391	S, US
	1800	284T	LM29851	√	2,746	CCD4G25/30T61YEH2	318	230/460	90.2	73/36.5	340/170	S, US
	1800	284T	LM33046	√	3,144	CCD4B25/30T61YEH2	320	230/460	94.1	73/36.5	360/180	S, US

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase - Drip-Proof - Rigid Base - 80 Starts Per Hour

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	% F. L. Nom. Eff.	80 Starts F.L. Amps	Locked Rotor Amps	♥Notes
40	3600	284T	LM30099	√	3,369	CCD2P30/40T6006YEH2	320	200	91.7	112	460	S, US
	3600	284T	LM30100	√	3,369	CCD2P30/40T61YEH2	322	230/460	91.7	97/48.5	400/200	S, US
	1800	286T	LM29852	√	3,185	CCD4G30/40T6006YEH2	450	200	92.4	112	495	S, US
	1800	286T	LM29853	√	3,185	CCD4G30/40T61YEH2	600	230/460	92.4	97/48.5	430/215	S, US
	1800	286T	LM33048	C/A	3,646	CCD4B30/40T61YEH2	610	230/460	94.1	96/48	416/208	S, US
50	3600	286T	LM30102	C/A	4,303	CCD2P40/50T61YEH2	462	230/460	92.4	117/58.5	580/290	S, US
	1800	324T	LM28897	√	4,262	SD4G40/50T6006YEH2	550	200	92.4	145	630	S, US
	1800	324T	LM28898	√	4,262	SD4G40/50T61YEH2	552	230/460	92.4	126/63	548/274	S, US
	1800	324T	LM32651	√	4,880	SD4B40/50T61YEH2	554	230/460	94.5	125/62.5	530/265	S, US
60	1800	326T	LM28903	√	4,734	SD4G50/60T6006YEH2	519	200	92.4	176	794	S, US
	1800	326T	LM28904	C/A	4,734	SD4G50/60T61YEH2	530	230/460	92.4	153/76.5	690/345	S, US
	1800	326T	LM32663	√	5,419	SF4B50/60T61YEH2	535	230/460	93.6	151/75.5	650/325	S, US
75	1800	364T	LM28909	C/A	7,077	SD4G60/75T6006YEH2	693	200	93.6	206	1000	S, US
	1800	364T	LM28910	√	7,077	SD4S60/75T61YEH2	709	230/460	93.6	179/89.5	870/435	S, US
100	1800	365T	LM28914	C/A	7,472	SD4G75/100T61YEH2	754	230/460	94.1	250/125	1084/542	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Definite Purpose Motors

Lincoln Hydraulic Elevator Duty Motors

Three Phase - Drip-Proof - Rigid Base - 120 Starts Per Hour

HP	RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	% F. L. Nom. Eff.	120 Starts F.L. Amps	Locked Rotor Amps	♥Notes
10	3600	213T	LM30092	C/A	1,314	SSD2P10/15T61YEH2	149	230/460	88.5	36	162/81	S, US
	1800	215T	LM28867	√	1,206	SSD4G10/15T6006YEH2	128	200	89.5	45	170	S, US
	1800	215T	LM28868	√	1,206	SSD4S10/15T61YEH2	124	230/460	89.5	39.2/19.6	148/74	S, US
15	3600	215T	LM30093	√	1,715	SSD2P15/20T6006YEH2	135	200	90.2	53	267	S, US
	3600	215T	LM30094	√	1,715	SSD2P15/20T61YEH2	138	230/460	90.2	46/23	232/116	S, US
	1800	254T	LM28873	√	1,644	SSD4G15/20T6006YEH2	203	200	91.0	59	267	S, US
	1800	254T	LM28874	√	1,644	SSD4G15/20T61YEH2	205	230/460	91.0	51.4/25.7	232/116	S, US
20	3600	254T	LM30095	√	2,175	SSD2P20/25T6006YEH2	128	200	91.0	67	334	S, US
	3600	254T	LM30096	√	2,175	SSD2P20/25T61YEH2	134	230/460	91.0	58/29	290/145	S, US
	1800	256T	LM28879	√	2,079	SSD4G20/25T6006YEH2	233	200	91.0	74	368	S, US
	1800	256T	LM28880	√	2,079	SSD4G20/25T61YEH2	233	230/460	91.0	64/32	320/160	S, US
25	3600	256T	LM30097	√	2,616	SSD2P25/30T6006YEH2	235	200	91.0	80	419	S, US
	3600	256T	LM30098	√	2,616	SSD2P25/30T61YEH2	235	230/460	91.0	69/34.5	364/182	S, US
	1800	284T	LM29850	√	2,746	CCD4G25/30T6006YEH2	300	200	91.7	84	391	S, US
	1800	284T	LM29851	√	2,746	CCD4G25/30T61YEH2	318	230/460	90.2	73/36.5	340/170	S, US
	1800	284T	LM33046	√	3,144	CCD4B25/30T61YEH2	320	230/460	94.1	73/36.5	360/180	S, US
30	3600	284T	LM30099	√	3,369	CCD2P30/40T6006YEH2	320	200	91.7	112	460	S, US
	3600	284T	LM30100	√	3,369	CCD2P30/40T61YEH2	322	230/460	91.7	97/48.5	400/200	S, US
	1800	286T	LM29852	√	3,185	CCD4G30/40T6006YEH2	450	200	92.4	112	495	S, US
	1800	286T	LM29853	√	3,185	CCD4G30/40T61YEH2	600	230/460	92.4	97/48.5	430/215	S, US
	1800	286T	LM33048	C/A	3,646	CCD4B30/40T61YEH2	610	230/460	94.1	96/48	416/208	S, US
40	3600	286T	LM30102	C/A	4,303	CCD2P40/50T61YEH2	462	230/460	92.4	117/58.5	580/290	S, US
	1800	324T	LM28897	√	4,262	SD4G40/50T6006YEH2	550	200	92.4	145	630	S, US
	1800	324T	LM28898	√	4,262	SD4G40/50T61YEH2	552	230/460	92.4	126/63	548/274	S, US
	1800	324T	LM32651	√	4,880	SD4B40/50T61YEH2	554	230/460	94.5	125/62.5	530/265	S, US
50	1800	326T	LM28903	√	4,734	SD4G50/60T6006YEH2	519	200	92.4	176	794	S, US
	1800	326T	LM28904	√	4,734	SD4G50/60T61YEH2	530	230/460	92.4	153/76.5	690/345	S, US
	1800	326T	LM32663	√	5,419	SF4B50/60T61YEH2	535	230/460	93.6	151/75.5	650/325	S, US
60	1800	364T	LM28909	C/A	7,077	SD4G60/75T6006YEH2	693	200	93.6	206	1000	S, US
	1800	364T	LM28910	√	7,077	SD4S60/75T61YEH2	709	230/460	93.6	179/89.5	870/435	S, US
75	1800	365T	LM28914	C/A	7,472	SD4G75/100T61YEH2	754	230/460	94.1	250/125	1084/542	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Lincoln VVVF (Variable Voltage-Variable Frequency) Traction Elevator Hoist Motors

Applications:

Designed for Geared and Gearless Traction Elevators, 100 fpm to 500 fpm operation and up to 12 or 15 floors.

Features:

- Dynamic balanced for low vibration operation
- Normally closed thermostats, one per phase
- Low noise design
- Steel frame construction with cast iron endbells
- Class F Insulated, 40° C ambient
- EPAct efficiency or better
- 1.0 service factor
- 1024 PPR encoder, with 1-inch shaft bore standard
- F1 mounting
- 1000:1 inverter duty capability

Three Phase - Drip-Proof - Rigid Base with Encoder

HP	SYN RPM	No. of Poles	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	HZ	Voltage	F. L. Amps	Rated Accel. Torque	♥Notes
7 1/2	1200	6	254T	LM28114	√	3,780	SD6P7.5T61ET1	221	60	230/460	24/12	225%	S, US
	1200	6	254T	LM28115	√	3,780	SD6P7.5T6006ET1	221	60	200	28	225%	S, US
	1200	4	254T	LM28116	C/A	3,707	SD4P7.5T41ET1	200	40	230/460	19/9.5	275%	S, US
	1200	4	254T	LM28117	C/A	3,707	SD4P7.5T4006ET1	200	40	200	22	275%	S, US
	900	4	256T	LM28118	C/A	4,117	SD4P7.5T31ET1	278	30	230/460	19.6/9.8	275%	S, US
	900	4	256T	LM28119	C/A	4,117	SD4P7.5T3006ET1	278	30	200	23	275%	S, US
10	1200	6	256T	LM28120	√	4,201	SSD6P10T61ET1	214	60	230/460	24/12	250%	S, US
	1200	6	256T	LM28121	√	4,201	SD6P10T6006ET1	214	60	200	28	250%	S, US
	1200	4	256T	LM28122	C/A	4,117	SD4P10T41ET1	232	40	230/460	19/9.5	275%	S, US
	1200	4	256T	LM28123	C/A	4,117	SSD4P10T4006ET1	232	40	200	22	275%	S, US
	900	4	284T	LM28124	C/A	4,875	SD4P10T31ET1	280	30	230/460	19.6/9.8	330%	S, US
	900	4	284T	LM28125	C/A	4,875	SD4P10T3006ET1	280	30	200	23	330%	S, US
12 1/2	1200	6	284T	LM31393	C/A	5,018	SD6P12.5T61ET1	338	60	230/460	42/21	300%	S, US
	1200	6	284T	LM30676	√	5,018	SD6P12.5T6006YET1	338	60	200	48.5	300%	S, US
	900	4	284T	LM30677	C/A	5,292	SD4P12.5T31ET1	365	30	230/460	34/17	300%	S, US
	900	4	284T	LM30678	C/A	5,292	SD4P12.5T3006ET1	365	30	200	38.5	300%	S, US
15	1800	4	256T	LM30679	C/A	4,201	SD4P15T61ET1	233	60	230/460	——	——	S, US
	1800	4	256T	LM30680	C/A	4,201	SD4P15T6006ET1	233	60	200	——	——	S, US
	1200	6	284T	LM28126	√	5,049	SD6S15T61YET1	341	60	230/460	49/24.5	300%	S, US
	1200	6	284T	LM28127	C/A	5,049	SD6G15T6006YET1	338	60	200	56.5	300%	S, US
	1200	4	284T	LM28128	C/A	4,875	SD4P15T41ET1	344	40	230/460	40/20	330%	S, US
	1200	4	284T	LM28129	C/A	4,875	SD4P15T4006ET1	344	40	200	46	330%	S, US
	900	4	286T	LM30535	C/A	5,708	SD4S15T31YET1	392	30	230/460	40/20	300%	S, US
	900	4	286T	LM28131	C/A	5,708	SD4P15T3006ET1	392	30	200	46	300%	S, US
20	1800	4	256T	LM30681	C/A	4,627	SD4P20T61ET1	240	60	230/460	——	——	S, US
	1800	4	256T	LM30682	C/A	4,627	SD4P20T6006ET1	240	60	200	——	——	S, US

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Definite Purpose Motors

Lincoln VVVF (Variable Voltage-Variable Frequency) Traction Elevator Hoist Motors

Three Phase - Drip-Proof - Rigid Base with Encoder

HP	SYN RPM	No. of Poles	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	HZ	Voltage	F. L. Amps	Rated Accel. Torque	♥Notes
20	1200	6	286T	LM28132	C/A	5,868	SD6S20T61YET1	390	60	230/460	61/30.5	275%	S, US
	1200	6	286T	LM28133	√	5,868	SD6S20T6006YET1	400	60	200	68	275%	S, US
	1200	4	286T	LM28134	C/A	5,708	SD4P20T41ET1	385	40	230/460	52/26	330%	S, US
	1200	4	286T	LM28135	C/A	5,708	SD4P20T4006ET1	385	40	200	60	330%	S, US
	900	4	324T	LM28136	C/A	6,504	SD4P20T31ET1	480	30	230/460	54/27	275%	S, US
	900	4	324T	LM28137	C/A	6,504	SD4P20T3006ET1	471	30	200	62.1	275%	S, US
25	1800	4	284T	LM30720	C/A	5,049	SD4P25T61ET1	350	60	230/460	64/32	250%	S, US
	1800	4	284T	LM30721	C/A	5,049	SD4P25T62ET1	350	60	200	73.5	250%	S, US
	1200	6	324T	LM28138	C/A	7,099	SD6S25T61YET1	505	60	230/460	64/32	250%	S, US
	1200	6	324T	LM28139	C/A	7,099	SD6P25T6006ET1	505	60	200	73.6	250%	S, US
	1200	4	324T	LM28140	C/A	6,504	SD4P25T41ET1	472	40	230/460	65/32.5	275%	S, US
	1200	4	324T	LM28141	C/A	6,504	SD4P25T4006ET1	472	40	200	74.8	275%	S, US
	900	4	326T	LM28142	C/A	7,387	SD4P25T31ET1	538	30	230/460	64/32	275%	S, US
	900	4	326T	LM28143	C/A	7,387	SD4P25T3006YET1	525	30	200	73.6	275%	S, US
30	1800	4	286T	LM30722	C/A	5,868	SD4P30T61ET1	400	60	230/460	72/36	250%	S, US
	1800	4	286T	LM30723	C/A	5,868	SD4P30T62ET1	400	60	200	83	250%	S, US
	1200	6	326T	LM27976	C/A	7,921	SD6S30T61YET1	535	60	230/460	76/38	225%	S, US
	1200	6	326T	LM28144	C/A	7,921	SD6S30T6006YET1	552	60	200	87.4	225%	S, US
	1200	4	326T	LM28145	C/A	7,251	SD4P30T41ET1	516	40	230/460	74/37	275%	S, US
	1200	4	326T	LM28146	C/A	7,251	SD4P30T4006ET1	516	40	200	85	275%	S, US
	900	4	364T	LM28147	C/A	8,874	SD4P30T31ET1	575	30	230/460	74/37	275%	S, US
	900	4	364T	LM28148	C/A	8,874	SD4P30T3006ET1	575	30	200	85	275%	S, US
40	1800	4	324T	LM30724	C/A	6,720	SD4P40T61ET1	470	60	230/460	98/49	250%	S, US
	1800	4	324T	LM30725	C/A	6,720	SD4P40T62ET1	470	60	200	113	250%	S, US
	1200	6	364T	LM28149	√	10,013	SD6S40T61YET1	755	60	230/460	98/49	250%	S, US
	1200	6	364T	LM28150	C/A	10,013	SD6S40T6006YET1	755	60	200	113	250%	S, US
	1200	4	364T	LM28151	C/A	8,874	SD4P40T41ET1	715	40	230/460	96/48	275%	S, US
	1200	4	364T	LM28152	C/A	8,874	SD4P40T4006ET1	715	40	200	111	275%	S, US
	900	4	365T	LM28153	C/A	9,886	SD4P40T31ET1	783	30	230/460	97/48.5	275%	S, US
	900	4	365T	LM28154	C/A	9,886	SD4P40T3006ET1	783	30	200	112	275%	S, US
50	1800	4	326T	LM30647	C/A	7,497	SD4P50T61ET1	522	60	230/460	121/60.5	250%	S, US
	1800	4	326T	LM30648	C/A	7,497	SD4P50T6006ET1	522	60	200	139	250%	S, US
	1200	6	365T	LM28155	C/A	10,286	SD6S50T61YET1	800	60	230/460	129/64.5	275%	S, US
	1200	6	365T	LM28156	C/A	10,286	SD6S50T6006YET1	800	60	200	148	275%	S, US
	1200	4	365T	LM28157	C/A	9,886	SD4P50T41ET1	765	40	230/460	120/60	275%	S, US
	1200	4	365T	LM28158	C/A	9,886	SD4P50T4006ET1	765	40	200	138	275%	S, US
	900	4	405T	LM28159	C/A	13,140	SD4P50T31ET1	964	30	230/460	118/59	275%	S, US
	900	4	405T	LM28160	C/A	13,140	SD4S50T3006YET1	964	30	200	136	275%	S, US
60	1800	4	364T	LM30649	C/A	9,230	SD4P60T61ET1	715	60	230/460	140/70	——	S, US
	1800	4	364T	LM30650	C/A	9,230	SD4P60T6006ET1	715	60	200	161	——	S, US
	1200	6	404T	LM28161	√	11,633	SD6P60T61YET1	888	60	230/460	167/83.5	250%	S, US
	1200	6	404T	LM28162	C/A	11,633	SD6P60T6006YET1	888	60	200	192	250%	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

Lincoln VVVF (Variable Voltage-Variable Frequency) Traction Elevator Hoist Motors

Three Phase - Drip-Proof - C Face Less Base - with Encoder - F1 Conduit Box

HP	SYN RPM	No. of Poles	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	HZ	Voltage	F. L. Amps	Rated Accel. Torque	♥Notes
7 1/2	1200	6	254T	LM28200	√	3,892	SD6P7.5TCN61ET1	150	60	230/460	24/12	225%	S, US
	1200	6	254T	LM28201	√	3,892	SD6P7.5TCN6006ET1	150	60	200	28	225%	S, US
	1200	4	254T	LM30655	C/A	3,818	SD4P7.5TCN41ET1	145	40	230/460	19/9.5	275%	S, US
	1200	4	254T	LM30663	C/A	3,818	SD4P7.5TCN4006ET1	145	40	200	22	275%	S, US
	900	4	256T	LM28202	C/A	4,228	SD4P7.5TCN31ET1	225	30	230/460	19.6/9.8	275%	S, US
	900	4	256T	LM28203	C/A	4,228	SD4P7.5TCN3006ET1	225	30	200	23	275%	S, US
10	1200	6	256T	LM28204	√	4,313	SSD6P10TCN61ET1	202	60	230/460	24/12	250%	S, US
	1200	6	256T	LM28205	√	4,313	SD6P10TCN6006ET1	202	60	200	28	250%	S, US
	1200	4	256T	LM30732	C/A	4,228	SD4P10TCN41ET1	230	40	230/460	19/9.5	275%	S, US
	1200	4	256T	LM30733	C/A	4,228	SD4P10TCN4006ET1	230	40	200	22	275%	S, US
	900	4	284T	LM28206	C/A	5,068	SD4P10TCN31ET1	355	30	230/460	19.6/9.8	330%	S, US
	900	4	284T	LM28207	C/A	5,068	SD4P10TCN3006ET1	355	30	200	23	330%	S, US
12 1/2	1200	6	284T	LM30734	√	4,820	SD4P12.5TCN61ET1	305	60	230/460	42/21	300%	S, US
	1200	6	284T	LM30735	√	4,820	SD4P12.5TCN6006ET1	305	60	200	48.5	300%	S, US
	900	4	284T	LM30736	C/A	5,484	SD4P12.5TCN3006ET1	355	30	230/460	34/17	300%	S, US
	900	4	284T	LM30737	C/A	5,484	SD4P12.5TCN3006ET1	355	30	200	38.5	300%	S, US
15	1800	4	256T	LM30748	C/A	4,313	SD4P15TCN61ET1	220	60	230/460	——	——	S, US
	1800	4	256T	LM30749	C/A	4,313	SD4P15TCN6006ET1	220	60	200	——	——	S, US
	1200	6	284T	LM28208	√	5,242	SD6P15TCN61ET1	330	60	230/460	49/24.5	300%	S, US
	1200	6	284T	LM28209	√	5,242	SD6S15TCN6006YET1	330	60	200	56.5	300%	S, US
	1200	4	284T	LM30750	C/A	5,068	SD4P15TCN41ET1	355	40	230/460	40/20	330%	S, US
	1200	4	284T	LM30751	C/A	5,068	SD4P15TCN4006ET1	355	40	200	46	330%	S, US
	900	4	286T	LM28210	C/A	5,901	SD4P15TCN31ET1	388	30	230/460	40/20	300%	S, US
	900	4	286T	LM28211	C/A	5,901	SD4S15TCN3006ET1	388	30	200	46	300%	S, US
20	1800	4	256T	LM30752	C/A	4,738	SD4P20TCN61ET1	249	60	230/460	——	——	S, US
	1800	4	256T	LM30753	C/A	4,738	SD4P20TCN6006ET1	249	60	200	——	——	S, US
	1200	6	286T	LM28212	C/A	6,291	SD6S20TCN61YET1	379	60	230/460	61/30.5	275%	S, US
	1200	6	286T	LM28213	√	6,291	SD6S20TCN6006YET1	379	60	200	68	275%	S, US
	1200	4	286T	LM30739	C/A	5,901	SD4P20TCN41ET1	396	40	230/460	52/26	330%	S, US
	1200	4	286T	LM30740	C/A	5,901	SD4P20TCN6006ET1	396	40	200	60	330%	S, US
	900	4	324T	LM28214	C/A	6,824	SD4P20TCN31ET1	480	30	230/460	54/27	275%	S, US
	900	4	324T	LM28215	C/A	6,824	SD4S20TCN3006YET1	480	30	200	62.1	275%	S, US
25	1800	4	284T	LM31607	C/A	5,317	SD4P25TCN61ET1	355	60	230/460	64/32	250%	S, US
	1800	4	284T	LM30760	C/A	5,317	SD4P25TCN6006ET1	355	60	200	73.5	250%	S, US
	1200	6	324T	LM28216	C/A	7,640	SD6S25TC61YET1	499	60	230/460	64/32	250%	S, US
	1200	6	324T	LM28217	C/A	7,640	SD6P25TCN6006ET1	499	60	200	73.6	250%	S, US
	1200	4	324T	LM30754	C/A	6,824	SD4P25TCN41ET1	480	40	230/460	65/32.5	275%	S, US
	1200	4	324T	LM30755	C/A	6,824	SD4P25TCN4006ET1	480	40	200	74.8	275%	S, US
	900	4	326T	LM28218	C/A	8,214	SD4P25TCN31ET1	533	30	230/460	64/32	275%	S, US
	900	4	326T	LM28219	C/A	8,214	SD4P25TCN3006ET1	533	30	200	73.6	275%	S, US

▼ LM Numbers are Lincoln Models

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Definite Purpose Motors

Lincoln VVVF (Variable Voltage-Variable Frequency) Traction Elevator Hoist Motors

Three Phase - Drip-Proof - C Face Less Base - with Encoder - F1 Conduit Box

HP	SYN RPM	No. of Poles	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	HZ	Voltage	F. L. Amps	Rated Accel. Torque	♥Notes
30	1800	4	286T	LM30702	C/A	6,269	SD4S30TCN61YET1	397	60	230/460	72/36	250%	S, US
	1800	4	286T	LM30762	C/A	6,269	SD4P30TCN6006ET1	397	60	200	83	250%	S, US
	1200	6	326T	LM27971	√	8,772	SD6S30TCN61YET1	537	60	230/460	76/38	225%	S, US
	1200	6	326T	LM28220	√	8,772	SD6S30TCN6006YET1	557	60	200	87.4	225%	S, US
	1200	4	326T	LM30756	C/A	7,829	SD4P30TCN41ET1	532	40	230/460	74/37	275%	S, US
	1200	4	326T	LM30757	C/A	7,829	SD4P30TCN4006ET1	532	40	200	85	275%	S, US
	900	4	364T	LM28221	C/A	9,711	SD4P30TCN31ET1	720	30	230/460	74/37	275%	S, US
	900	4	364T	LM28222	C/A	9,711	SD4P30TCN3006ET1	720	30	200	85	275%	S, US
40	1800	4	324T	LM30763	C/A	7,282	SD4P40TCN61ET1	480	60	230/460	98/49	250%	S, US
	1800	4	324T	LM30764	C/A	7,282	SD4P40TCN6006ET1	480	60	200	113	250%	S, US
	1200	6	364T	LM28223	√	10,649	SD6P40TCN61ET1	724	60	230/460	98/49	250%	S, US
	1200	6	364T	LM28224	C/A	10,649	SD6P40TCN6006ET1	724	60	200	113	250%	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

Encoder Pigtail Kits for VVVF Elevator Duty Motors

Applications:

Encoder pigtail kits are used to extend the length of the existing encoder leads.

▼ Kit Number	Stock	Description	List Price
LM30561		30 ft. encoder cable kit	764
LM31752		40 ft. encoder cable kit	764
LM30881		50 ft. encoder cable kit	902

▼ LM Numbers are Lincoln Models

Specifications are subject to change without notice

View On-line Technical Information

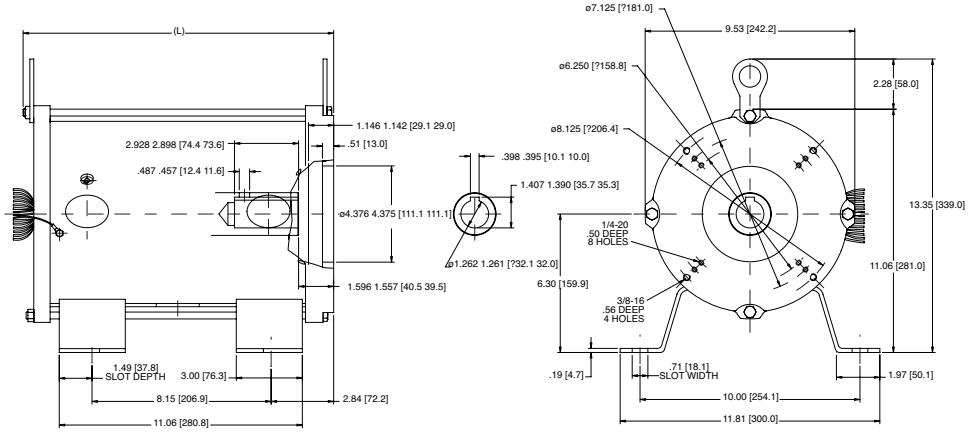
Lincoln Submersible Hydraulic Elevator Pump Motors

Applications:

These motors are designed to meet the demands in the Hydraulic Elevator Pump Industry. Our submersible hydraulic pump elevator motors are ready to be placed in elevator systems for applications in hydraulic pump passenger, service, freight and low-rise elevators. Rated up to 6 floors at speeds up to 200 fpm.

Features:

- Intermittent duty
- Suitable for Wye-Delta starters
- 1.0 service factor and 70°C ambient rated
- Three bolt circles, 12 mounting holes, and face mounting to accept both the IMO and Allweiler pumps
- 10 foot long leads, spliced 40 inches from motor to prevent wicking of hydraulic fluid
- Thermostat leads are marked P1 and P2
- Class F insulation
- Two stainless steel nameplates, one shipped separate for remote mount
- UL recognized component listing and CSA approved



See Next Page

Definite Purpose Motors

Lincoln Submersible Hydraulic Elevator Pump Motors

Three Phase - Open Submersible - Rigid Base

HP	RPM 60 Hz	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	KVA Code	F. L. Amps	Locked Rotor Amps	F.L. Eff.	App. Wgt. (lbs)	♥Notes
15	3600	160Z	LM29656	√	1,124	SD2S15Z6006YEH3	110	200	H	53.0	268	72.2	S, CN	S, CN
	3600	160Z	LM29657	√	1,124	SD2S15Z61YEH3	110	230/460	H	46/23	250/125	72.2	S, CN	S, CN
	3600	160Z	LM29658	√	1,124	SD2S15Z65YEH3	110	575	H	18.4	100	72.2	S, CN	S, CN
20	3600	160Z	LM29659	√	1,152	SD2S20Z6006YEH3	112	200	G	64.5	363	76.4	S, CN	S, CN
	3600	160Z	LM29660	√	1,152	SD2S20Z61YEH3	112	230/460	G	56/28	316/158	76.4	S, CN	S, CN
	3600	160Z	LM29661	√	1,152	SD2S20Z65YEH3	112	575	G	22.4	126	76.4	S, CN	S, CN
25	3600	160Z	LM29662	√	1,255	SD2S25Z6006YEH3	115	200	G	77.1	268	79.0	S, CN	S, CN
	3600	160Z	LM29663	√	1,255	SD2S25Z61YEH3	115	230/460	G	67/33.5	250/125	79.0	S, CN	S, CN
	3600	160Z	LM29664	√	1,255	SD2S25Z65YEH3	115	575	G	26.8	100	79.0	S, CN	S, CN
30	3600	160Z	LM29665	√	1,399	SD2S30Z6006YEH3	119	200	G	92.0	268	79.9	S, CN	S, CN
	3600	160Z	LM29666	√	1,399	SD2S30Z61YEH3	119	230/460	G	80/40	250/125	79.9	S, CN	S, CN
	3600	160Z	LM29667	√	1,399	SD2S30Z65YEH3	119	575	G	32.0	100	79.9	S, CN	S, CN
40	3600	160Z	LM29668	√	1,793	SD2S40Z6006YEH3	132	200	G	115.0	268	84.0	S, CN	S, CN
	3600	160Z	LM29669	√	1,793	SD2S40Z61YEH3	132	230/460	G	100/50	250/125	84.0	S, CN	S, CN
	3600	160Z	LM29670	√	1,793	SD2S40Z65YEH3	132	575	G	40.0	100	84.0	S, CN	S, CN
50	3600	160Z	LM29671	√	2,045	SD2S50Z6006YEH3	143	200	H	140.0	268	84.0	S, CN	S, CN
	3600	160Z	LM29672	√	2,045	SD2S50Z61YEH3	143	230/460	H	122/61	250/125	84.0	S, CN	S, CN
	3600	160Z	LM29673	√	2,045	SD2S50Z65YEH3	143	575	H	48.8	100	84.0	S, CN	S, CN

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

Specifications are subject to change without notice

Conversion Kit

L32 Kit Information:

Used to adapt the Lincoln Submersible Elevator motors to some IMO and Alweiler Pumps.
Kit includes needed through-bolts to mount this kit to these motors

L32 Bracket Conversion Kit

▼ Catalog Number	Desc. Sym	App. Wgt. (lbs)	List Price
LM31777	A	12	602

▼ LM Numbers are Lincoln Models

Specifications are subject to change without notice

View On-line Technical Information

Applications:
Unit and baggage handling, conveyors, packaging equipment machine tools, elevators and door openers where a conduit box at 12:00 position is needed due to mounting size restrictions

Features:
- Low profile conduit box at the 12:00 position
- Base includes both 56H and 143-5T mounting holes and slots

Single Phase - TEFC - Rigid C Face

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps 230V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	117701.00	√	537	C6C17FK92	22	115/208-230	4.4	1.15	12.48	S, US
3/4	1800	56C	117702.00	√	584	C6C17FK94	26	115/208-230	5.4	1.15	12.98	S, US
1	1800	56C	117703.00	√	634	C6C17FK93	30	115/208-230	6.4	1.15	12.98	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Single Phase - TEFC - C Face Less Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps 230V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	117704.00	√	516	C6C17FC175	21	115/208-230	4.4	1.15	10.98	S, US
3/4	1800	56C	117705.00	√	564	C6C17FC176	25	115/208-230	5.4	1.15	11.48	S, US
1	1800	56C	117706.00	√	606	C6C17FC177	29	115/208-230	6.4	1.15	11.48	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase - TEFC - Rigid C Face

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps 230V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	117707.00	√	446	C6T17FK99	21	208-230/460	2.0	74.0	1.15	12.48	S, US
3/4	1800	56C	117708.00	√	471	C6T17FK100	22	208-230/460	2.8	77.0	1.15	12.48	S, US
1	1800	56C	117709.00	√	505	C6T17FK101	30	208-230/460	3.6	77.0	1.15	12.48	S, US
	1800	143TC	121982.00	√	736	C143T17FK23	32	208-230/460	3.4	85.5	1.15	12.92	S, US
1.5	1800	56C	117710.00	√	549	C6T17FK102	30	208-230/460	5.0	78.5	1.15	12.48	S, US
	1800	143TC	121983.00	√	777	C143T17FK24	34	208-230/460	5.6	86.5	1.15	13.42	S, US
2	1800	145TC	121984.00	√	857	C145T17FK65	45	208-230/460	5.8	86.5	1.15	13.92	S, US

Green items are Premium Efficient

♥ Note listing on inside back flap

Specifications are subject to change without notice

Three Phase - TEFC - C Face Less Base

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps 230V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	117711.00	√	435	C6T17FC226	20	208-230/460	2.0	74.0	1.15	10.48	S, US
3/4	1800	56C	117712.00	√	465	C6T17FC227	22	208-230/460	2.8	77.0	1.15	10.48	S, US
1	1800	56C	117713.00	√	498	C6T17FC228	24	208-230/460	3.8	77.0	1.15	10.98	S, US
	1800	143TC	121985.00	√	615	C143T17FC36	36	208-230/460	3.1	82.5	1.15	11.92	S, US
1.5	3600	56C	117714.00	√	543	C6T34FC107	29	208-230/460	4.2	78.5	1.15	11.48	S, US
	1800	143TC	121986.00	√	642	C145T17FC114	41	208-230/460	4.4	84.0	1.15	12.92	S, US
2	1800	145TC	121987.00	√	660	C145T17FC115	44	208-230/460	5.6	84.0	1.15	13.42	S, US

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Definite Purpose Motors

Export Only Motors - Three Phase - EPAct and Standard Efficiency

Specifications:

These motors comply to the EPAct mandates of 1997, but do not comply with EISA mandates of Dec. 2010. They are not intended for use in the USA, and can be used on machinery that is exported out of the USA

Three Phase - TEFC - Rigid Base

HP	RPM @ 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	App. Wgt. (lbs)	Voltage	% F.L. Eff.	♥Notes
1	1725	143T	EXG120014.00	√	521	31	208-230/460	82.5	S, US
	1725	143T	EXG151696.60	C/A	559	49	208-230/460	84.0	C, CN
1 1/2	3450	145T	EXG120086.00	√	575	45	208-230/460	82.5	S, US
	3450	143T	EXG151698.60	C/A	617	45	208-230/460	82.5	C, CN
	1725	145T	EXG120015.00	√	527	36	208-230/460	84.0	S, US
	1725	145T	EXG151702.60	C/A	565	53	208-230/460	85.5	C, CN
2	3450	145T	EXG120088.00	√	661	45	208-230/460	84.0	S, US
	3450	145T	EXG151704.60	C/A	709	49	208-230/460	84.0	C, CN
	1725	145T	EXG120016.00	√	557	46	208-230/460	84.0	S, US
	1725	145T	EXG151703.60	C/A	600	56	208-230/460	85.5	C, CN
3	3450	145T	EXG120185.00	C/A	757	42	208-230/460	85.5	S, US
	3450	182T	EXG130099.00	C/A	810	60	208-230/460	85.5	S, MX
	3510	182T	EXG151563.60	C/A	870	93	208-230/460	85.5	C, CN
	1740	182T	EXG130008.00	√	659	68	208-230/460	87.5	S, MX
	1750	182T	EXG151320.60	C/A	849	94	208-230/460	87.5	C, CN
5	3500	184T	EXG150299.60	C/A	879	100	208-230/460	87.5	C, CN
	3450	184T	EXG130101.00	C/A	933	73	208-230/460	87.5	S, MX
	1740	184T	EXG130027.00	√	760	80	208-230/460	87.5	S, MX
	1750	184T	EXG151322.60	√	901	101	208-230/460	87.5	C, CN
7 1/2	3450	184T	EXG131082.00	C/A	1,039	91	208-230/460	88.5	S, MX
	3450	S213T	EXG130103.00	C/A	1,067	101	208-230/460	88.5	S, MX
	3510	213T	EXG150158.60	C/A	1,161	150	208-230/460	88.5	C, CN
	1740	213T	EXG140578.00	√	1,017	144	208-230/460	89.5	S, MX
	1750	213T	EXG150157.60	√	1,047	153	208-230/460	89.5	C, CN
10	3510	215T	EXG140686.00	C/A	1,367	126	208-230/460	89.5	S, MX
	3510	215T	EXG150159.60	√	1,349	167	208-230/460	89.5	C, CN
	1740	215T	EXG140489.00	√	1,102	167	208-230/460	89.5	S, MX
	1750	215T	EXG150140.60	√	1,178	176	208-230/460	89.5	C, CN
15	3510	215T	EXG140687.00	C/A	1,715	140	208-230/460	90.2	S, MX
	3510	215T	EXG151317.60	C/A	1,802	168	208-230/460	90.2	C, CN
	3525	254T	EXG150062.60	√	1,804	260	208-230/460	90.2	C, CN
	1770	254T	EXG150066.60	√	1,858	284	208-230/460	91.0	C, CN
20	3525	256T	EXG150033.60	√	2,454	296	208-230/460	90.2	C, CN
	1750	256T	EXG150007.60	√	2,286	321	208-230/460	91.0	C, CN
25	3525	256T	EXG151318.60	C/A	2,891	307	208-230/460	91.0	C, CN
	3550	284TS	EXG150035.60	C/A	2,964	349	208-230/460	91.0	C, CN
	1770	284T	EXG150011.60	√	2,690	370	208-230/460	92.4	C, CN
30	1770	286T	EXG150015.60	√	3,271	428	208-230/460	92.4	C, CN
40	1780	324T	EXG150019.60	√	4,223	528	208-230/460	93.0	C, CN
50	1780	326T	EXG150023.60	√	5,206	561	208-230/460	93.0	C, CN
60	1780	364T	EXG150027.60	C/A	7,602	687	208-230/460	93.6	C, CN
75	1780	365T	EXG150031.60	C/A	8,776	723	208-230/460	94.1	C, CN
100	1780	405T	EXG150087.60	C/A	11,790	1050	208-230/460	94.5	C, CN
125	1780	444T	EXG151369.60	C/A	15,653	1920	460	94.5	C, CN
150	1790	445T	EXG151371.60	C/A	17,563	1900	460	95.0	C, CN
200	1790	447T	EXG150352.60	C/A	22,389	2053	460	95.0	C, CN

C/A = Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Three Phase - TEFC - C Face With Base

HP	RPM @ 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	App. Wgt. (lbs.)	Voltage	% F.L. Eff.	♥Notes
1	1740	145TC	EXG121286.00	C/A	612	35	208-230/460	82.5%	S, US
1 1/2	1725	145TC	EXG121287.00	C/A	611	37	208-230/460	84.0%	S, US
2	1725	145TC	EXG120276.00	C/A	640	45	208-230/460	84.0%	S, US
3	1760	182TC	EXG130326.00	√	794	68	208-230/460	87.5%	S, MX
	1750	182TC	EXG151565.60	C/A	920	94	208-230/460	87.5%	C, CN
5	1760	184TC	EXG130328.00	√	911	81	208-230/460	87.5%	S, MX
	1750	184TC	EXG151566.60	C/A	1,010	101	208-230/460	87.5%	C, CN
7 1/2	1740	213TC	EXG140183.00	C/A	1,090	153	208-230/460	89.5%	S, MX
	1760	213TC	EXG150165.60	C/A	1,152	156	208-230/460	89.5%	C, CN
10	1740	215TC	EXG140147.00	C/A	1,276	162	208-230/460	89.5%	S, MX
	1760	215TC	EXG150167.60	C/A	1,357	178	208-230/460	89.5%	C, CN
15	1770	254TC	EXG150102.60	C/A	1,946	268	208-230/460	91.0%	C, CN
20	1770	256TC	EXG150080.60	C/A	2,375	321	208-230/460	91.0%	C, CN
25	1770	284TC	EXG150081.60	C/A	3,063	387	208-230/460	92.4%	C, CN
30	1770	286TC	EXG150082.60	C/A	3,386	433	208-230/460	92.4%	C, CN
40	1780	324TC	EXG150083.60	C/A	4,620	572	208-230/460	93.0%	C, CN
50	1780	326TC	EXG150084.60	C/A	5,356	631	208-230/460	93.0%	C, CN
60	1780	364TC	EXG150085.60	C/A	8,078	699	208-230/460	93.6%	C, CN
75	1780	365TC	EXG150086.60	C/A	10,246	757	208-230/460	94.1%	C, CN
100	1780	405TC	EXG151680.60	C/A	12,816	1100	208-230/460	94.5%	C, CN

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

Three Phase - TEFC - C Face Less Base

HP	RPM @ 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	App. Wgt. (lbs.)	Voltage	% F.L. Eff.	♥Notes
1	1725	143TC	EX120024.00	C/A	506	26	208-230/460	77.0%	S, US
1 1/2	1725	145TC	EX120037.00	√	520	32	208-230/460	80.0%	S, US
2	1725	145TC	EX120038.00	√	557	35	208-230/460	81.5%	S, US
3	1725	145TC	EX121035.00	√	737	44	208-230/460	82.5%	S, US
	1740	182TC	EX131491.00	√	707	52	208-230/460	82.5%	S, MX
5	1725	184TC	EX131492.00	√	809	64	208-230/460	82.5%	S, MX
7 1/2	1740	184TC	EX131606.00	√	1,040	66	208-230/460	87.0%	S, MX
	1740	213TC	EX151346.60	C/A	1,127	162	208-230/460	87.9%	C, CN
	1750	S213TC	EX131528.00	C/A	1,040	102	208-230/460	87.0%	S, MX
10	1740	215TC	EX140109.00	C/A	1,246	141	208-230/460	89.5%	S, MX
	1750	215TC	EX151348.60	C/A	1,327	185	208-230/460	88.4%	C, CN
15	1760	254TC	EX151350.60	C/A	1,884	284	208-230/460	90.0%	C, CN
20	1760	256TC	EX151352.60	C/A	2,375	270	208-230/460	91.2%	C, CN
25	1760	284TC	EX151507.60	C/A	2,992	390	208-230/460	91.3%	C, CN
30	1760	286TC	EX151508.60	C/A	3,597	411	208-230/460	91.5%	C, CN
40	1760	324TC	EX151509.60	C/A	4,601	548	208-230/460	92.1%	C, CN
50	1760	326TC	EX151510.60	C/A	5,308	594	208-230/460	92.4%	C, CN
60	1760	364TC	EX151519.60	C/A	7,977	778	208-230/460	92.7%	C, CN

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Brakemotors

Features:

- Fail-safe positive stop and holding brakes
- Load stops automatically when power is turned off
- Manual brake release designs
- Dual voltage brake coils
- Single and three phase models
- Washdown duty models
- Brake kits available
- Coupler brake kits available
- High Cycle models available

Applications:

For use where quick response stopping and holding is required in the application, which may include conveyors, hoists, packaging equipment etc…

Single Phase - TENV/TEFC - C Face With Base

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	3	114165.00	√	1,035	C6C17NK19	28	115/208-230	2.9	1.15	14.06	S, US, 12
1/2	1800	56C	3	111950.00	√	1,118	C6C17FK20	32	115/208-230	4.4	1.00	15.06	S, US, 13
3/4	1800	56C	6	114167.00	√	1,470	C6C17FK50	38	115/208-230	5.4	1.15	15.56	S, US, 13
1	1800	56C	6	111951.00	√	1,557	C6K17FK21	38	115/208-230	5.3	1.00	16.07	S, US, 13, 53
1 1/2	1800	145TC	10	121815.00	√	1,649	C145K17FK17	40	115/208-230	8.8	1.00	18.23	S, US, 13, 53
2	1800	145TC	10	121816.00	√	1,688	C145K17FK16	40	115/208-230	9.2	1.00	19.23	S, US, 13, 53

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

Three Phase - Drip-Proof - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/2	1800	56	3	114162.00	C/A	1,007	C6T17DB46	28	208-230/460	2.0	1.25	74.0	13.56	S, US
3/4	1800	56	6	114163.00	C/A	1,175	C6T17DB47	29	208-230/460	2.8	1.25	77.0	14.06	S, US
1	1800	56	6	114164.00	C/A	1,280	C6T17DB48	32	208-230/460	4.2	1.15	78.5	14.06	S, US
1 1/2	1800	145T	10	G120370.00	C/A	1,468	C145T17DB64	44	208-230/460	4.4	1.15	84.0	16.00	S, US
2	1800	145T	10	G120371.00	√	1,666	C145T17DB65	45	208-230/460	6.0	1.15	84.0	16.00	S, US
3	1800	182T	15	G131626.00	C/A	2,056	C182T17DB46	65	208-230/460	8.4	1.15	86.5	16.89	S, MX
5	1800	184T	25	G131627.00	C/A	2,585	C184T17DB63	95	208-230/460	13.2	1.15	87.5	17.89	S, MX
7 1/2	1800	213T	35	G140611.00	√	3,160	C213T17DB7	130	208-230/460	20.0	1.15	88.5	23.01	S, MX
10	1800	215T	50	G140635.00	√	4,001	C215T17DB23	138	208-230/460	28.0	1.15	89.5	25.01	S, MX

35 and 50 Ft-lb brakes - Horizontal mounting only

♥ Note listing on inside back flap

All 180 and 210 frame Rolled Steel motors have Class F Insulation.

C/A - Check Availability

Specifications are subject to change without notice

Three Phase - Drip-Proof - C Face Less Base

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	3	114156.00	√	1,035	C6T17DC53	28	208-230/460	2.0	1.25	74.0	13.56	S, US
3/4	1800	56C	6	114157.00	√	1,206	C6T17DC55	38	208-230/460	2.8	1.25	77.0	14.06	S, US
1	1800	56C	6	114166.00	√	1,303	C6T17DC54	40	208-230/460	3.4	1.15	78.5	14.06	S, US
	1800	143TC	6	121678.00	C/A	1,303	C143T17DC14	42	208-230/460	3.4	1.15	78.5	14.50	S, US
1 1/2	1800	56C	10	116766.00	√	1,516	C6T17DC83	43	208-230/460	5.6	1.15	78.5	15.50	S, US
	1800	145TC	10	120372.00	C/A	1,516	C145T17DC16	43	208-230/460	5.6	1.15	78.5	15.50	S, US
2	1800	145TC	10	120373.00	√	1,708	C145T17DC17	47	208-230/460	6.2	1.15	78.5	16.00	S, US
3	1800	182TC	15	131624.00	√	2,150	C182T17DC21	56	208-230/460	10.0	1.15	80.0	16.40	S, MX
5	1800	184TC	25	131625.00	√	2,668	C184T17DC18	76	208-230/460	14.2	1.15	84.0	17.35	S, MX

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Brakemotors

Three Phase

Three Phase - Drip-Proof - C Face With Base

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	3	111326.00	√	1,044	C6T17DK7	31	208-230/460	2.0	1.25	74.0	13.56	S, US
3/4	1800	56C	6	111327.00	√	1,223	C6T17DK8	34	208-230/460	2.8	1.25	77.0	14.06	S, US
1	1800	56C	6	111328.00	√	1,321	C6T17DK9	42	208-230/460	4.2	1.15	78.5	14.06	S, US
1 1/2	1800	145TC	10	G121053.00	C/A	1,519	C145T17DK15	42	208-230/460	4.4	1.15	84.0	16.00	S, US
2	1800	145TC	10	G121054.00	√	1,708	C145T17DK14	51	208-230/460	6.0	1.15	84.0	16.50	S, US
3	1800	182TC	15	G131558.00	√	2,365	C182T17DK14	84	208-230/460	8.4	1.15	86.5	16.90	S, MX
5	1800	184TC	25	G131559.00	√	2,882	C184T17DK21	97	208-230/460	13.2	1.15	87.5	18.35	S, MX
7 1/2	1800	213TC	35	G140610.00	√	3,358	C213T17DK5	115	208-230/460	20.0	1.15	88.5	23.51	S, MX
10	1800	215TC	50	G140638.00	C/A	4,198	C215T17DK4	125	208-230/460	28.0	1.15	89.5	25.01	S, MX

35 and 50 Ft-lbs brakes - Horizontal mounting only

C/A - Check Availability

Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase - TENV/TEFC - Rigid Base

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/3	1800	56	3	114151.00	√	983	C6T17NB51	28	208-230/460	1.3	1.15	72.0	13.56	S, US, 12
1/2	1800	56	3	114150.00	√	1,071	C6T17NB50	33	208-230/460	1.8	1.15	78.5	14.06	S, US, 12
	1200	56	6	114149.00	√	1,477	C6T11FB16	33	208-230/460	2.4	1.15	70.0	15.56	S, US
3/4	1800	56	6	114147.00	√	1,254	C6T17FB79	34	208-230/460	2.8	1.15	77.0	15.56	S, US
	1200	56	6	114148.00	√	1,550	C6T11FB15	43	208-230/460	3.0	1.15	75.5	16.06	S, US
1	1800	56	6	114146.00	√	1,452	C6T17FB80	37	208-230/460	3.8	1.15	77.0	16.06	S, US
	1800	143T	6	G121679.00	√	1,434	C143T17FB22	40	208-230/460	3.1	1.15	82.5	17.50	S, US
	1200	145T	10	G121050.00	√	2,045	C145T11FB18	45	208-230/460	3.6	1.15	80.0	17.52	S, US
1 1/2	1800	56	10	116767.00	√	1,631	C6T17FB153	44	208-230/460	4.4	1.15	84.0	17.08	S, US
	1800	145T	10	G120329.00	√	1,608	C145T17FB72	44	208-230/460	4.4	1.15	84.0	17.52	S, US
2	1800	145T	10	G120330.00	√	1,646	C145T17FB73	53	208-230/460	5.6	1.15	84.0	18.00	S, US
	1200	184T	15	G131620.00	√	2,747	C184T11FB16	80	208-230/460	7.2	1.15	86.5	20.33	S, MX
3	1800	182T	15	G131613.00	√	2,247	C182T17FB43	78	230/460	8.2	1.15	87.5	18.83	S, MX
	1200	213T	35	G140601.00	√	4,077	C213T11FB2	147	208-230/460	12.0	1.15	87.5	26.49	S, MX
5	1800	184T	25	G131614.00	√	2,787	C184T17FB52	102	230/460	13.0	1.15	87.5	20.78	S, MX
7 1/2	1800	213T	35	G140603.00	√	3,586	C213T17FB11	162	208-230/460	20.4	1.15	89.5	26.49	S, MX
10	1800	215T	50	G140636.00	√	4,114	C215T17FB25	174	208-230/460	26.0	1.15	89.5	27.99	S, MX

Note 12 - TENV

35 and 50 Ft-lbs brakes - Horizontal mounting only

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Three Phase - TEFC - C Face With Base

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	3	110669.00	√	987	C6T17NK1	30	208-230/460	1.3	1.15	72.0	13.56	S, US
1/2	1800	56C	3	110670.00	√	1,109	C6T17NK2	34	208-230/460	1.8	1.15	78.5	14.06	S, US
	1800	56C	3	114154.00	√	1,109	C6T17FK49	34	208-230/460	2.4	1.15	74.0	15.06	S, US
	1200	56C	3	114152.00	√	1,596	C6T11FK5	34	208-230/460	2.4	1.15	70.0	15.56	S, US
3/4	1800	56C	6	110671.00	√	1,298	C6T17NK3	34	208-230/460	2.5	1.15	80.0	14.56	S, US
	1800	56C	6	114155.00	√	1,298	C6T17FK48	46	208-230/460	2.8	1.00	77.0	15.56	S, US
1	1800	56C	6	110679.00	√	1,527	C6T17FK1	32	208-230/460	3.6	1.15	77.0	15.56	S, US
	1800	143TC	6	G121557.00	√	1,505	C143T17FK16	43	208-230/460	3.1	1.15	82.5	17.50	S, US
1 1/2	1800	145TC	10	G121051.00	√	1,684	C145T17FK41	45	230/460	4.4	1.15	84.0	17.50	S, US
2	1800	145TC	10	G121052.00	√	1,735	C145T17FK42	59	208-230/460	5.6	1.15	84.0	18.00	S, US
3	1800	182TC	15	G131617.00	√	2,356	C182T17FK17	79	230/460	8.2	1.15	87.5	18.83	S, MX
5	1800	184TC	25	G131618.00	√	2,943	C184T17FK19	117	230/460	13.0	1.15	87.5	20.78	S, MX
7 1/2	1800	213TC	35	G140605.00	√	3,757	C213T17FK10	163	208-230/460	20.4	1.15	89.5	26.49	S, MX
10	1800	215TC	50	G140639.00	√	4,823	C215T17FK6	175	208-230/460	28.0	1.15	89.5	27.99	S, MX

35 and 50 Ft-lbs brakes - Horizontal mounting only
Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase - TEFC - C Face Less Base

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	3	114158.00	√	1,003	C6T17NC194	26	208-230/460	1.3	1.15	72.0	13.56	S, US, 12
1/2	1800	56C	3	114159.00	√	1,092	C6T17FC111	26	208-230/460	2.0	1.15	74.0	15.06	S, US
3/4	1800	56C	6	114160.00	√	1,282	C6T17FC112	34	208-230/460	2.8	1.15	77.0	15.06	S, US
1	1800	56C	6	114161.00	√	1,479	C6T17FC110	31	208-230/460	3.6	1.15	77.0	15.56	S, US
	1800	143TC	6	121556.00	√	1,479	C143T17FC30	37	208-230/460	3.8	1.15	77.0	17.00	S, US
1 1/2	1800	56C	10	116768.00	√	1,659	C6T17FC212	40	208-230/460	5.0	1.15	78.5	16.56	S, US
	1800	145TC	10	120331.00	√	1,659	C145T17FC11	40	208-230/460	5.0	1.15	78.5	17.00	S, US
2	1800	145TC	10	120332.00	√	1,702	C145T17FC12	51	208-230/460	6.0	1.15	84.0	18.00	S, US
3	1800	182TC	15	131610.00	√	2,357	C182T17FC28	69	230/460	9.0	1.15	84.0	18.73	S, MX
5	1800	184TC	25	131611.00	√	2,915	C184T17FC34	92	230/460	13.2	1.15	86.0	19.18	S, MX
7 1/2	1800	S213TC	35	131612.00	√	3,729	C184T17FC36	149	230/460	19.6	1.15	87.0	25.29	S, MX
10	1800	215TC	50	140637.00	C/A	4,735	C215T17FC8	136	208-230/460	28.0	1.15	89.5	27.99	S, MX

Note 12 - TENV
35 and 50 Ft-lbs brakes - Horizontal mounting only
C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Brakemotors

Three Phase Washguard®

Washguard® Brakemotors - TENV/TEFC - C Face With Base

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	3	116466.00	√	1,418	C6T17VK28	40	208-230/460	1.3	1.15	72.0	14.00	S, US, 12
1/2	1800	56C	3	116467.00	√	1,446	C6T17VK30	42	208-230/460	1.8	1.15	78.5	14.50	S, US, 12
3/4	1800	56C	6	116468.00	√	1,715	C6T17VK29	44	208-230/460	2.5	1.15	80.0	15.00	S, US, 12
1	1800	56C	6	116469.00	√	1,773	C6T17VK27	48	208-230/460	3.2	1.15	80.0	15.50	S, US, 12
	1800	143TC	6	121616.00	√	1,773	C143T17VK7	49	208-230/460	3.2	1.15	80.0	16.06	S, US, 12
1 1/2	1800	145TC	10	G121617.00	√	2,457	C145T17WK22	50	208-230/460	4.4	1.15	84.0	19.01	S, US, 13
2	1800	145TC	10	G121618.00	√	2,548	C145T17WK21	62	208-230/460	5.6	1.15	84.0	19.01	S, US, 13

Note 12 - TENV
Specifications are subject to change without notice

♥ Note listing on inside back flap

Washguard® Brakemotors - TENV/TEFC - C Face Less Base

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	3	116462.00	√	1,368	C6T17VC43	39	208-230/460	1.3	1.15	72.0	14.00	S, US, 12
1/2	1800	56C	3	116463.00	√	1,402	C6T17VC42	41	208-230/460	1.8	1.15	78.5	14.50	S, US, 12
3/4	1800	56C	6	116464.00	√	1,669	C6T17VC44	43	208-230/460	2.5	1.15	80.0	15.00	S, US, 12
1	1800	56C	6	116465.00	√	1,728	C6T17VC45	45	208-230/460	3.2	1.15	80.0	15.50	S, US, 12
	1800	143TC	6	121613.00	√	1,728	C143T17VC8	46	208-230/460	3.2	1.15	80.0	15.56	S, US, 12
1 1/2	1800	145TC	10	121614.00	√	2,395	C145T17WC20	49	208-230/460	5.0	1.15	78.5	18.01	S, US, 13
2	1800	145TC	10	121615.00	√	2,463	C145T17WC19	61	208-230/460	6.2	1.15	81.5	18.51	S, US, 13

Note 12 - TENV
Specifications are subject to change without notice

♥ Note listing on inside back flap

Stainless Steel Brakemotors

Three Phase - TENV/TEFC - C Face With Base

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	3	116483.00	√	5,348	CZ6T17VK31	59	208-230/460	1.6	1.15	78.5	15.85	S, US, 12
1	1800	56C	6	116484.00	√	5,634	CZ6T17VK32	69	208-230/460	3.0	1.15	81.5	15.85	S, US, 12

Note 12 - TENV
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Applications:
For use in applications that require frequent starting and stopping such as conveyors and unit and baggage handling equipment.

Features:
- All cast iron construction
- Stearns® high cycle brakes
- Manual release lever on brakes
- UL and CSA recognized construction

Three Phase - TENV - C Face Less Base

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	6	117698.00	√	1,280	C6T17NC332	60	230	1.6	1.00	82.5	15.10	C, US
3/4	1800	56C	6	117699.00	√	1,477	C6T17NC333	65	230	2.2	1.00	85.5	16.10	C, US
1	1800	56C	6	117700.00	√	1,663	C6T17NC334	80	230	2.8	1.15	84.0	16.10	C, US
1 1/2	1800	143TC	12	121979.00	√	1,817	C145T17NC29	90	230	4.4	1.25	84.0	16.16	C, US
2	1800	145TC	12	121980.00	√	1,986	C145T17NC30	95	230	6.6	1.15	85.5	16.16	C, US

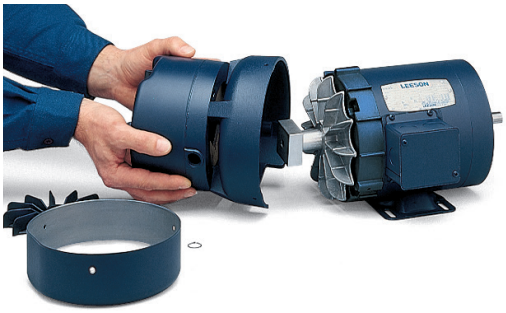
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Brakemotors

Brakekits



- Kit of components to convert 56 through 256T frame stock TEFC motors to fail-safe brakemotors.
- Kit mounts on fan end of motor. Kits for 56-184T steel frame motors include totally enclosed Stearns AC brake, replacement cast fan cover, shaft extension, fan and hardware. Kits for 213T-256T cast iron frame motors do not include brake, but are designed for Stearns 87,000 series brake.
- Two 1/2" NPT holes with 18" leads are provided for connections. The BRAKEKIT adds 5-1/8" to the overall length of 56 and 143-5T frame, and 5-7/8" to the overall length of 182-184T frame.

Brakekits

Brake Rating (ft-lbs)	Mounts to NEMA Frame	Max. HP @ 1725rpm	Cat. No. 115-208/230 V Brake Coil Voltage	List Price	Cat. No. 208-230/460 V Brake Coil Voltage	List Price	Cat. No. 575 V Brake Coil Voltage	List Price	App. Wt. (lbs.)
3	48/S56	1	——		175615.00♠	721	——		10
	56/143-5T	1	175762.00◊	721	175765.00◊	721	175768.00◊	721	10
6	56/143-5T	2	175763.00◊	829	175766.00◊	829	175769.00◊	829	10
10	56/143-5T	3	175764.00◊	949	175767.00◊	949	175770.00◊	949	10
15	182-4T	3	——		175696.00	1771	175698.00	1771	12
25	182-4T	5	——		175697.00	2007	175699.00	2007	12

56/143-5T frame Brakekits cannot be used on S56 frame motors.
All brake coils are single phase. You can use a 230/460 V coil on a single phase motor by using the 230 volt motor connection and the 230 V brake connection.
♠ For motors having a "P" or "K" for the suffix letter on the date code and having a face mount fan guard.
◊ For 56/145 frame motors having a "B" for the suffix letter for the date code and having a face mount fan guard.

Brake Selection

In this table, brake torque ratings are no less than 140% of the motor full load torque. Match HP & frame size of motor with appropriately rated BRAKEKIT.

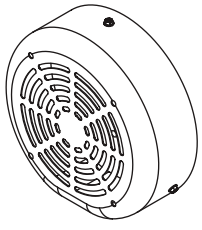
HP	Brakemotor RPM Torque Rating of Brake (Lb-Ft)		
	3450	1725	1140
1/3	3	3	3
1/2	3	3	3
3/4	3	6	6
1	3	6	6
1 1/2	6	10	10
2	6	10	15
3	10	15	25
5	15	25	35
7.5	25	35	50
10	25	50	75
15	35	75	105
20	50	105	–

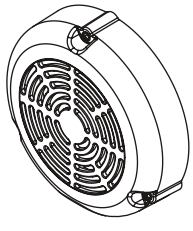
Brake Adapter Kits

Brake Rating (ft-lbs)	Mounts to NEMA Frame	Max. HP @ 1725rpm	Catalog Number	List Price	App. Wt. (lbs.)
6-105	213-5T	10	175710.60	328	30
6-105	254-6T	20	175711.60	465	40

- Brake Adapter Kits include adapter casting/fan guard, brake fan, adapter shaft and hardware needed to mount a Stearns® 87,000 series brake (sold separately by Stearns®).
- Shaded frame sizes are for use with cast iron motors.
- For use with Wattsaver and "G" Prefix cast iron motors

Old Design





New Design - Face Mount

Kits include a Stearns NEMA 4X brake to convert 56 thru 145T frame stock TEFC only motors to fail-safe brakemotors. Food safe white epoxy finish. BISSC Certified. Adds 5-1/8" to the overall length of 56 thru 145T WASHGUARD® TEFC motors.

For 230/460V Three Phase and 230V Single Phase Motors

Brake Rating (ft-lbs)	Mounts to NEMA Frame	Max. HP @ 1725rpm	Cat. No. 230/460 V Brake Coil Voltage	List Price	App. Wt. (lbs.)
3	56/143-5T	1	175771.00*	1393	24
6	56/143-5T	2	175772.00*	1468	36
10	56/143-5T	3	175773.00*	1547	43

* For 56/145 frame motors having a "B" for the suffix letter for the date code and having a face mount fan guard.

Specifications are subject to change without notice

Coupler Brakes

Double C Face Coupler Brakes

- A new and expanded line of coupler brakes designed for applications where mounting the brake between the motor and driven load is the preferred, or most convenient, location. They are an excellent problem solver for applications where a brake needs to be added to existing equipment – without replacing the motor.
- Rugged cast alumimum or cast iron construction Stearns brakes are well suited to most industrial applications. Coupler brakes are designed to be C-face connected on both ends – these brakes are not suited for overhung loads to be applied to the output shaft.
- A wide range of voltages and brake torque ratings in both NEMA 2 and NEMA 4X enclosures are available from stock. NEMA 2 brakes are best suited for use with standard ODP and TEFC motors. NEMA 4X brakes are designed for use with LEESON WASHGUARD® motors.

General Purpose Coupler Brakes

- Mounts directly to the face and shaft of NEMA 56 through 215T-frame C-face motors to create a fail-safe brakemotor.
- The 6 ft.lb. brake mounts to NEMA 56C or 143-5TC motors using an optional adaptor sleeve, which is included with the brake. Output shaft can be either 56C or 143-5TC depending on the location of the provided adaptor sleeve. A 1/2 NPT threaded lead exit hole is provided for power connections.

Brakemotors

General Purpose Coupler Brakes

Stearns®

General Purpose (NEMA 2) Coupler Brakes For Both Single and Three Phase Motors

Brake Rating (ft-lbs)	Max. HP @ 1725 rpm	Motor Voltage 115/208-230V	Motor Voltage 208-230/460V	Motor Voltage 575V	List Price	Mounts to NEMA Frame	Coupler Brake Output Shaft and Face	Add to Motor "C" Dim.	App. Wt. (lbs.)
3	1	175563.00	175564.00	175565.00	712	56C	5⁄8", 56C	4.91	13
6	2	175569.00	175570.00	175571.00	816	56C/143-5TC	5⁄8" or 7⁄8", 56C	4.91	14
10	3	175575.00	175576.00	175577.00	855	143-5TC	7⁄8", 143-5TC	4.91	15
15	3	—	175581.00	—	977	143-5TC	7⁄8", 143-5TC	4.91	16
15	3	—	175583.00	—	3,475	182-4TC	1 1⁄8", 182-4TC	8.38	58
25	5	—	175585.00	—	3,634	182-4TC	1 1⁄8", 182-4TC	8.38	58
35	7 1⁄2	—	175587.00	—	3,988	213-5TC	1 3⁄8", 213-5TC	8.88	60
50	10	—	175589.00	—	4,414	213-5TC	1 3⁄8", 213-5TC	8.88	62

Specifications are subject to change without notice

Washguard® Coupler Brakes

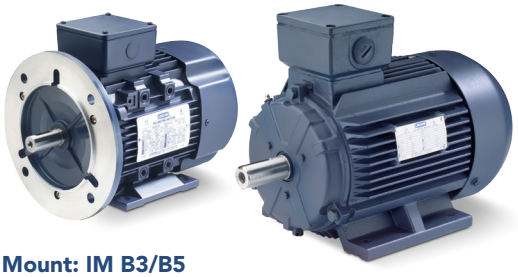
Solid die-cast Aluminum Stearns NEMA 4X coupler brake converts any TEFC or TENV 56C thru 215TC motor to a fail-safe brakemotor by mounting between the C-face motor and driven equipment. Food safe white epoxy finish. BISSC Certified. Adds 5" to the overall length of 56C thru 145TC WASHGUARD® TEFC or TENV motors. Includes all mounting components.

Washguard® (NEMA 4X) Coupler Brakes For Both Single and Three Phase Motors

Brake Rating (ft-lbs)	Max. HP @ 1725 rpm	Motor Voltage 115/208-230V	Motor Voltage 208-230/460V	Motor Voltage 575V	List Price	Mounts to NEMA Frame	Coupler Brake Output Shaft and Face	Add to Motor "C" Dim.	App. Wt. (lbs.)
3	1	175566.00	175567.00	175568.00	1,253	56C	5⁄8", 56C	4.94	13
6	2	175572.00	175573.00	175574.00	1,348	56C/143-5TC	5⁄8" or 7⁄8", 56C	4.94	14
10	3	175578.00	175579.00	175580.00	1,427	143-5TC	7⁄8", 143-5TC	4.94	15
15	3	—	175582.00	—	1,660	143-5TC	7⁄8", 143-5TC	4.94	16
15	3	—	175584.00	—	4,492	182-4TC	1 1⁄8", 182-4TC	8.38	58
25	5	—	175586.00	—	4,579	182-4TC	1 1⁄8", 182-4TC	8.38	58
35	7 1⁄2	—	175588.00	—	4,750	213-5TC	1 3⁄8", 213-5TC	8.88	60
50	10	—	175590.00	—	5,304	213-5TC	1 3⁄8", 213-5TC	8.88	62

Specifications are subject to change without notice

LEESON®

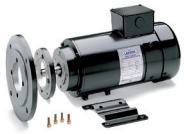


Mount: IM B3/B5

Mount: IM B3

Mount: IM B3/450 Frame (custom)

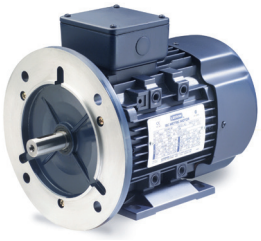
IEC Motors



	Aluminum Frame AC	Cast Iron Frame AC	Permanent Magnet DC	Commercial Duty DC	Stainless
Enclosure Type	**TEFC**	**TEFC**	**TENV – TEFC**	**TENV**	**TENV – TEFC**
Range	0.18 kW–2.2 kW	1.5 kW–37 kW	0.06 kW–2.2 kW	0.050–0.125 kW	0.25–1.5 kW
Voltage	230/460 & 575	230/460 & 575	24 & 180 Volts DC	12, 24 & 90 Volts DC	230/460 Volts
Speed	2, 4 & 6-Pole	2, 4 & 6-Pole	3000 & 1800 RPM	3000	1800 RPM
Frequency	60 Hz (50 Hz derated to next lowest HP)	60 Hz (50 Hz derated to next lowest HP)	DC	DC	60 Hz (50 Hz derated to next lowest HP)
IEC Frame	63–90	100–250	56, 63, 80, 90, 112	56	71–90
Mounting Flanges	B3, B5 and B14	B3, B5 and B14	B3, B5 & B14	B14	B5 & B14
Ambient	40°C	40°C	40°C	40°C	40°C
Insulation	Class F Class B Rise	Class F Class B Rise	Class F	Class F	Class F Class B Rise
NEMA Design B Breakdown Torque	175–300%	175–300%	N/A	N/A	NEMA Design B Breakdown Torque 175–300%
IEC Design N Breakdown Torque	160–200%	160–200%	N/A	N/A	IEC Design N Breakdown Torque 160–200%
NEMA Design B Lock Rotor Torque	70–275%	70–275%	N/A	N/A	NEMA Design B Lock Rotor Torque 70–275%
IEC Design N Lock Rotor Torque	75–275%	75–275%	N/A	N/A	IEC Design N Lock Rotor Torque 75–275%
Service Factor	1.15	1.15	1.0	1.0	1.15
Inverter Duty	10:1	10:1	SCR 10:1	SCR 10:1	6:1
Warranty	3 Years—Premium Efficient Models	3 Years	1 Year	1 Year	3 Years
Accessories	B5 & B14 Flange Kits	B5 & B14 Flange Kits	B5 & B14 Flange Kits	N/A	N/A
Shaft Seals	Yes	Yes	Yes	Yes	Yes
Terminals Boards	Yes	Yes	N/A	N/A	N/A
IP Construction	IP55	IP55	IP54	IP44	IP56 (Encapsulated designs available)
Efficiency	IE2, IE3 (90 Frame) EPACT and NEMA Premium	IE3—NEMA Premium	Varies by HP	Varies by HP	Standard and EPACT
Removable Base	Yes	No	Yes	No Base	No

IEC Motors

AC Metric – Three Phase – 230/460 Volt – 575 Volt



These motors meet North American performance standards and Premium energy efficiency mandates, and have 1.15 service factors.

Typically used for replacement on machine tools, textile tools, textile machinery and other equipment with metric dimensions but requiring the high torque and performance of motors designed for use in North America.

Features:

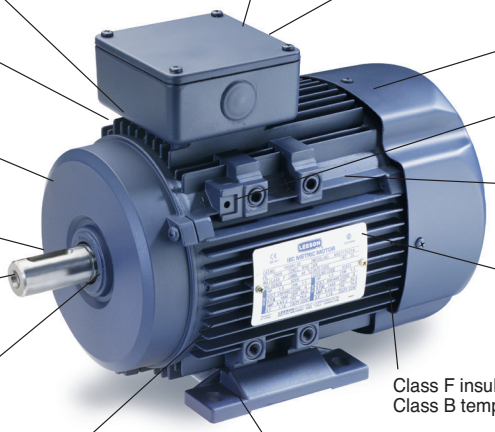
- Aluminum frame and cast iron frame construction
- DC and stainless steel IEC motors available
- 60/50 Hz interchangeability
- B3, B5, B14 mounting flanges
- Flange kits available
- Inverter rated (IRIS™) insulation system on AC models
- 3-year warranty on premium efficiency models
- 1-year warranty on DC and AC standard efficiency models
- UL listed and CSA certified

LEESON's Inverter Rated Insulation System, (IRIS™) provides superior protection against voltage spikes induced by variable frequency drives.

CE CONFORMITE EUROPEENE

ALUMINUM FRAME

CSA: File number LR33543
UL: File number E57948 for motors produced January 2004 and later



IP55 weatherproof enclosure allows for use in a wide range of applications.

Drain Hole locations in four quadrants can be drilled-out for multi-position condensate drainage.

D flange (B5) and C face (B14) models available. Field conversion kits also offered.

"Captive Shaft" keyway.

Drilled and tapped shaft.

Oil seals on both the drive end and non drive end.

High efficiency design utilizes low-loss steel laminations for optimum power and performance.

Terminal Boards included.
• 230/460V motors have 9 leads.
• 575V motors have 3 leads.
• All terminal boards have 6 posts.

Conduit box with neoprene gaskets. Reposition metric "PG" tapped lead exit hole by rotating box in 90 degree increments. Move box to F1 or F2 position by relocating motor feet.

Special design steel fan cover and low-noise fan maximize airflow efficiency.

External grounding provision.

Multi-mount repositionable feet allow for three conduit box positions (F2, F1, F3).

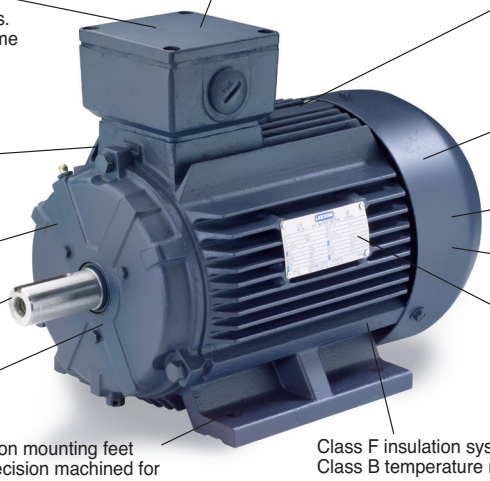
Aluminum "full fact" nameplate with information on motor efficiency and power factor. Stamped with 60 Hz and 50 Hz data.

Class F insulation system with Class B temperature rise or lower.

Removable feet.

CAST IRON FRAME

CSA: File number LR62104
UL: File number E57948 for motors produced June 2003 and later



Terminal Boards included.
• 230/460V motors, 132-frame and larger have 12 leads and 9 post terminal boards.
• 230/460V motors, smaller than 132-frame have 9 leads and 6 post terminal boards.
• 575V motors have 3 leads and 6 post terminal boards.

IP55 weatherproof enclosure allows for use in a wide range of applications.

D flange (B5) and C face (B14) models available. Field conversion kits also offered.

Drilled and tapped shaft.

Oil seals on both the drive end and non drive end.

Cast iron mounting feet are precision machined for accurate alignment.

Conduit box with neoprene gaskets. Reposition metric "PG" threaded lead exit by rotating box in 90 degree increments. Motors 132 frame and larger have second lead exit hole for auxiliary box. Box is fixed at F3 location.

Heavy-duty cast iron construction includes frame, endbells and conduit box.

High efficiency design utilizes low-loss steel laminations for optimum power and performance.

Non-sparking fan. Small size reduces noise and enhances efficiency.

Steel fan cover.

Stainless steel "full fact" nameplate with information on motor efficiency and power factor. Stamped with 60 Hz and 50 Hz data

Class F insulation system with Class B temperature rise or lower.

IEC Metric Motors

AC Metric (IEC) Motors - B3 Flange - Three Phase - Rigid Base

Three Phase - TEFC - B3 Flange - Rigid Base - IP55

HP/ kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/4-0.18	3600	D63	192010.00	D	273	C63T34FZ1	10	230/460	0.8	72.0	1.15	8.55	A, CN
	3600	D63	192010.30	√	273	C63T34FZ13	10	230/460	1.0	65.5	1.15	8.35	A, CN
	1800	D63	192011.00	D	284	C63T17FZ1	11	230/460	1.1	68.0	1.15	8.55	A, CN
	1800	D63	192011.30	√	284	C63T17FZ7	11	230/460	1.3	52.5	1.15	8.35	A, CN
	1200	D71	192012.00	D	485	C71T11FZ1	12	230/460	1.2	64.0	1.15	9.16	A, CN
	1200	D71	192012.30	√	485	C71T11FZ13	12	230/460	1.1	62.4	1.15	9.65	A, CN
1/3-0.25	3600	D63	192020.00	D	314	C63T34FZ2	11	230/460	1.1	72.0	1.15	8.55	A, CN
	3600	D63	192020.30	√	314	C63T34FZ2	11	230/460	1.1	72.0	1.15	8.55	A, CN
	1800	D71	192021.00	D	332	C71T17FZ1	13	230/460	1.4	68.0	1.15	9.46	A, CN
	1800	D71	192021.30	√	332	C71T17FZ13	13	230/460	1.1	62.4	1.15	9.65	A, CN
	1200	D80	192022.00	D	518	C80T11FZ1	17	230/460	1.3	70.0	1.15	11.11	A, CN
	1200	D80	192022.30	√	518	C80T11FZ19	17	230/460	1.5	61.3	1.15	11.61	A, CN
1/2-0.37	3600	D71	192030.00	D	341	C71T34FZ1	13	230/460	1.6	74.0	1.15	9.46	A, CN
	3600	D71	192030.30	√	341	C71T34FZ13	13	230/460	1.7	67.3	1.15	9.46	A, CN
	1800	D71	192031.00	D	346	C71T17FZ2	14	230/460	1.8	74.0	1.15	9.46	A, CN
	1800	D71	192031.30	√	346	C71T17FZ14	14	230/460	1.9	71.5	1.15	9.46	A, CN
	1200	D80	192032.00	D	542	C80T11FZ2	19	230/460	1.9	72.0	1.15	11.11	A, CN
	1200	D80	192032.30	√	542	C80T11FZ20	19	230/460	2.2	61.8	1.15	11.61	A, CN
3/4-0.55	3600	D71	192040.00	D	356	C71T34FZ2	15	230/460	2.4	74.0	1.15	9.46	A, CN
	3600	D71	192040.30	√	356	C71T34FZ14	15	230/460	2.3	74.5	1.15	9.65	A, CN
	1800	D80	192041.00	D	376	C80T17FZ1	18	230/460	2.5	74.0	1.15	11.11	A, CN
	1800	D80	192041.30	√	376	C80T17FZ13	18	230/460	2.5	73.9	1.15	11.61	A, CN
	1200	D80	192042.00	D	580	C80T11FZ3	22	230/460	2.7	72.0	1.15	11.11	A, CN
	1200	D80	192042.30	√	580	C80T11FZ21	22	230/460	3.0	63.0	1.15	11.61	A, CN
1-0.75	3600	D80	192050.00	D	403	C80T34FZ1	21	230/460	2.8	75.5	1.15	11.11	A, CN
	3600	D80	192050.30	√	403	C80T34FZ13	21	230/460	3.1	76.5	1.15	11.61	A, CN
	1800	D80	192051.00	D	412	C80T17FZ2	26	230/460	3.2	80.0	1.15	11.11	A, CN
	1800	D80	192051.30	√	412	C80T17FZ14	26	230/460	3.2	73.6	1.15	11.61	A, CN
	1200	D90S	192200.00	D	696	C90T11FZ13	33	230/460	3.2	82.5	1.15	12.83	A, CN
	1200	D90S	192200.30	√	696	C90T11FZ19	33	230/460	3.3	82.5	1.15	13.39	A, CN
1 1/2-1.1	3600	D80	192060.00	D	447	C80T34FZ2	27	230/460	4.0	84.0	1.15	11.11	A, CN
	3600	D80	192060.30	√	447	C80T34FZ14	27	230/460	4.3	77.9	1.15	11.61	A, CN
	1800	D90S	192202.00	D	526	C90T17FZ13	37	230/460	4.2	88.5	1.15	12.83	A, CN
	1800	D90S	192202.30	√	526	C90T17FZ23	37	230/460	3.9	86.5	1.15	13.39	A, CN
2-1.5	3600	D90S	192208.00	D	548	C90T34FZ13	33	230/460	5.0	85.5	1.15	16.34	A, CN
	3600	D90S	192208.30	√	548	C90T34FZ21	33	230/460	5.0	85.5	1.15	13.39	A, CN
	1800	D90L	192205.00	D	567	C90T17FZ16	38	230/460	5.4	87.5	1.15	16.34	A, CN
	1800	D90L	192205.30	√	567	C90T17FZ24	38	230/460	5.3	86.6	1.15	13.39	A, CN
	1200	DF100L	193300.60	√	945	C100T11FZ20	82	230/460	6.0	88.5	1.15	16.34	C, CN
3-2.2	3600	D90L	192209.00	D	790	C90T34FZ14	39	230/460	7.2	86.5	1.15	13.43	A, CN
	3600	D90L	192209.30	√	790	C90T34FZ22	39	230/460	7.3	86.5	1.15	13.39	A, CN
	1800	DF100L	193301.60	√	916	C100T17FZ41	84	230/460	8.0	90.2	1.15	16.34	C, CN
	1200	DF112M	193302.60	√	1,328	C112T11FZ21	100	230/460	9.6	89.5	1.15	18.43	C, CN
4-3	3600	DF100L	193303.60	√	977	C100T34FZ20	71	230/460	9.2	88.5	1.15	18.43	C, CN
	1800	DF100L	193304.60	√	994	C100T17FZ42	84	230/460	10.0	89.5	1.15	16.34	C, CN
	1200	DF132S	193305.60	√	1,610	C132T11FZ58	154	230/460	12.6	89.5	1.15	18.27	C, CN
5 1/2-4	3600	DF112M	193306.60	√	1,255	C112T34FZ24	104	230/460	12.6	89.5	1.15	16.14	C, CN
	1800	DF112M	193307.60	√	1,209	C112T17FZ21	104	230/460	14.0	89.5	1.15	16.14	C, CN
	1200	DF132M	193308.60	√	1,861	C132T11FZ59	176	230/460	17.0	89.5	1.15	19.76	C, CN
7 1/2-5.5	3600	DF132S	193309.60	√	1,573	C132T34FZ45	152	230/460	18.0	89.5	1.15	18.27	C, CN
	1800	DF132S	193310.60	√	1,573	C132T17FZ43	150	230/460	18.4	92.4	1.15	18.27	C, CN
	1200	DF132M	193311.60	√	2,237	C132T11FZ60	180	230/460	21.6	91.0	1.15	19.76	C, CN

Green items are Premium Efficient

D = Items to be discontinued when inventory is depleted

♥ Note listing on inside back flap

Specifications are subject to change without notice

Continued On Next Page

View On-line Technical Information

Three Phase - TEFC - B3 Flange - Rigid Base - IP55

HP/ kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
10-7.5	3600	DF132S	193312.60	√	1,683	C132T34FZ46	163	230/460	24.0	90.2	1.15	18.27	C, CN
	1800	DF132M	193313.60	√	1,866	C132T17FZ44	174	230/460	24.0	91.7	1.15	19.76	C, CN
	1200	DF160M	193314.60	√	2,901	C160T11FZ39	251	230/460	28.8	92.1	1.15	23.62	C, CN
15-11	3600	DF160M	193315.60	√	2,727	C160T34FZ59	260	230/460	35.0	91.0	1.15	23.62	C, CN
	1800	DF160M	193316.60	√	2,727	C160T17FZ43	264	230/460	36.0	92.4	1.15	23.62	C, CN
	1200	DF160L	193317.60	√	3,725	C160T11F240	330	230/460	40.0	91.7	1.15	26.57	C, CN
20-15	3600	DF160M	193318.60	√	3,198	C160T34FZ60	269	230/460	47.0	91.0	1.15	23.62	C, CN
	1800	DF160L	193319.60	√	3,372	C160T17F244	311	230/460	50.0	93.0	1.15	25.39	C, CN
	1200	DF180L	193320.60	√	5,222	C180T11FZ20	385	230/460	53.5	92.4	1.15	28.27	C, CN
25-18.5	3600	DF160L	193321.60	√	3,893	C160T34FZ61	319	230/460	58.0	91.7	1.15	25.39	C, CN
	1800	DF180M	193322.60	√	4,285	C180T17FZ41	381	230/460	58.5	93.6	1.15	26.77	C, CN
	1200	DF200L	193323.60	√	6,550	C200T11FZ39	517	230/460	66.0	93.5	1.15	29.53	C, CN
30-22	3600	DF180M	193324.60	√	4,627	C180T34FZ19	355	230/460	69.0	91.7	1.15	26.77	C, CN
	1800	DF180L	193325.60	√	4,817	C180T17FZ42	427	230/460	70.0	94.1	1.15	28.27	C, CN
	1200	DF200L	193326.60	√	7,420	C200T11FZ40	467	230/460	77.0	93.8	1.15	29.53	C, CN
40-30	3600	DF200L	193327.60	√	6,586	C200T34FZ37	522	230/460	91.0	92.4	1.15	29.53	C, CN
	1800	DF200L	193328.60	√	7,091	C200T17FZ21	531	230/460	95.0	94.1	1.15	29.53	C, CN
	1200	DF225M	193329.60	√	11,145	C225T11FZ21	633	230/460	95.0	94.1	1.15	32.95	C, CN
50-37	3600	DF200L	193330.60	√	8,638	C200T34FZ38	546	230/460	112.0	94.1	1.15	29.53	C, CN
	1800	DF225S	193331.60	√	9,836	C225T17FZ21	632	230/460	118.0	94.5	1.15	31.97	C, CN
	1200	DF250M	193332.60	√	15,624	C250T11FZ19	1089	230/460	120.0	94.1	1.15	36.42	C, CN

Green items are Premium Efficient

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

IEC Metric Motors

AC Metric (IEC) Motors - B3 / B5 Flange - Three Phase - Rigid Base

Three Phase - TEFC - B3 / B5 Flange - Rigid Base - IP55

HP/ kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/4-0.18	3600	D63D	192014.00	D	314	C63T34FZ5	10	230/460	0.8	72.0	1.15	8.54	A, CN
	3600	D63D	192014.30	√	314	C63T34FZ15	10	230/460	1.0	65.5	1.15	8.35	A, CN
	1800	D63D	192015.00	D	325	C63T17FZ3	11	230/460	1.0	68.0	1.15	8.54	A, CN
	1800	D63D	192015.30	√	325	C63T17FZ8	11	230/460	1.3	52.5	1.15	8.35	A, CN
	1200	D71D	192016.00	D	555	C71T11FZ3	12	230/460	1.2	64.0	1.15	9.45	A, CN
	1200	D71D	192016.30	√	555	C71T11FZ14	12	230/460	1.1	62.4	1.15	9.65	A, CN
1/3-0.25	3600	D63D	192024.00	D	362	C63T34FZ6	11	230/460	1.1	72.0	1.15	8.54	A, CN
	3600	D63D	192024.30	√	362	C63T34FZ16	11	230/460	1.3	67.9	1.15	8.35	A, CN
	1800	D71D	192025.00	D	374	C71T17FZ5	13	230/460	1.4	68.0	1.15	9.45	A, CN
	1800	D71D	192025.30	√	374	C71T17FZ15	13	230/460	1.4	65.6	1.15	9.65	A, CN
	1200	D80D	192026.00	D	599	C80T11FZ7	17	230/460	1.3	70.0	1.15	11.10	A, CN
	1200	D80D	192026.30	√	599	C80T11FZ22	17	230/460	1.5		1.15	61.30	A, CN
1/2-0.37	3600	D71D	192034.00	D	373	C71T34FZ5	13	230/460	1.6	74.0	1.15	9.45	A, CN
	3600	D71D	192034.30	√	373	C71T34FZ15	13	230/460	1.7	67.3	1.15	9.65	A, CN
	1800	D71D	192035.00	D	385	C71T17FZ6	14	230/460	1.8	74.0	1.15	9.45	A, CN
	1800	D71D	192035.30	√	385	C71T17FZ16	14	230/460	1.9	71.5	1.15	11.61	A, CN
	1200	D80D	192036.00	D	619	C80T11FZ8	19	230/460	1.9	72.0	1.15	11.10	A, CN
	1200	D80D	192036.30	√	619	C80T11FZ23	19	230/460	2.2	61.8	1.15	11.61	A, CN
3/4-0.55	3600	D71D	192044.00	D	393	C71T34FZ6	15	230/460	2.4	74.0	1.15	9.45	A, CN
	3600	D71D	192044.30	√	393	C71T34FZ16	15	230/460	2.3	74.5	1.15	9.65	A, CN
	1800	D80D	192045.00	D	418	C80T17FZ5	18	230/460	2.5	74.0	1.15	11.10	A, CN
	1800	D80D	192045.30	√	418	C80T17FZ15	18	230/460	2.5	73.9	1.15	11.61	A, CN
	1200	D80D	192046.00	D	658	C80T11FZ9	22	230/460	2.7	72.0	1.15	11.10	A, CN
	1200	D80D	192046.30	√	658	C80T11FZ24	22	230/460	3.0	63.0	1.15	11.61	A, CN
1-0.75	3600	D80D	192054.00	D	433	C80T34FZ5	21	230/460	2.8	75.5	1.15	11.10	A, CN
	3600	D80D	192054.30	√	433	C80T34FZ15	21	230/460	3.1	76.5	1.15	11.61	A, CN
	1800	D80D	192055.00	D	454	C80T17FZ6	26	230/460	3.2	80.0	1.15	11.10	A, CN
	1800	D80D	192055.30	√	454	C80T34FZ15	26	230/460	3.1	76.5	1.15	11.61	A, CN
	1200	D90SD	192201.00	D	797	C90T11FZ14	35	230/460	3.2	82.5	1.15	12.83	A, CN
	1200	D90SD	192201.30	√	797	C90T11FZ20	35	230/460	3.3	82.5	1.15	13.39	A, CN
1 1/2-1.1	3600	D80D	192064.00	D	492	C80T34FZ6	30	230/460	4.2	84.0	1.15	12.83	A, CN
	3600	D80D	192064.30	√	492	C80T34FZ16	30	230/460	4.3	77.9	1.15	11.61	A, CN
	1800	D90SD	192203.00	D	577	C90T17FZ14	37	230/460	5.0	88.5	1.15	12.83	A, CN
	1800	D90SD	192203.30	√	577	C90T17FZ25	37	230/460	3.9	86.5	1.15	13.39	A, CN
2-1.5	3600	D90SD	192210.00	D	630	C90T34FZ15	33	230/460	5.0	85.5	1.15	12.83	A, CN
	3600	D90SD	192210.30	√	630	C90T34FZ23	33	230/460	5.0	85.5	1.15	13.39	A, CN
	1800	D90LD	192206.00	D	647	C90T17FZ17	38	230/460	5.4	87.5	1.15	12.83	A, CN
	1800	D90LD	192206.30	√	647	C90T17FZ26	38	230/460	5.3	86.6	1.15	13.39	A, CN
	1200	DF100LD	193333.60	√	1,086	C100T11F221	82	230/460	6.0	88.5	1.15	16.34	C, CN
3-2.2	3600	D90LD	192211.00	D	890	C90T34FZ16	39	230/460	7.2	87.5	1.15	12.83	A, CN
	3600	D90LD	192211.30	√	890	C90T34FZ24	39	230/460	7.3	86.5	1.15	13.39	A, CN
	1800	DF100LD	193334.60	√	1,053	C100T17FZ43	84	230/460	8.0	89.5	1.15	16.34	C, CN
	1200	DF112MD	193335.60	√	1,486	C112T11FZ22	100	230/460	9.6	89.5	1.15	16.14	C, CN

Green items are Premium Efficient

D = Items to be discontinued when inventory is depleted

Note: Aluminum motors have removable feet for round-body applications.

Larger HP B3 Foot-Mounted metric motors on page 282 can be converted to B3/B5 Flange-Mount by installing B5 Flange Kits.

♥ Note listing on inside back flap

Specifications are subject to change without notice

Continued On Next Page

View On-line Technical Information

AC Metric (IEC) Motors - B3 / B5 Flange - Three Phase - Rigid Base

Three Phase - TEFC - B3 / B5 Flange - Rigid Base - IP55

HP/ kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
4-3	3600	DF100LD	193336.60	√	1,116	C100T34FZ21	71	230/460	9.2	88.5	1.15	16.34	C, CN
	1800	DF100LD	193337.60	√	1,133	C100T17FZ44	84	230/460	10.0	89.5	1.15	16.34	C, CN
	1200	DF132SD	193338.60	√	1,817	C132T11FZ61	154	230/460	12.4	89.5	1.15	18.27	C, CN
5 1/2-4	3600	DF112MD	193339.60	√	1,405	C112T34FZ25	104	230/460	12.6	88.5	1.15	16.14	C, CN
	1800	DF112MD	193340.60	√	1,361	C112T17FZ22	104	230/460	14.0	89.5	1.15	16.14	C, CN
	1200	DF132MD	193341.60	√	2,070	C132T11FZ62	176	230/460	17.0	89.5	1.15	19.76	C, CN
7 1/2-5.5	3600	DF132SD	193342.60	√	1,775	C132T34F247	152	230/460	18.0	89.5	1.15	18.27	C, CN
	1800	DF132SD	193343.60	√	1,775	C132T17FZ45	150	230/460	18.4	91.7	1.15	18.27	C, CN
	1200	DF132MD	193344.60	√	2,448	C132T11FZ63	180	230/460	21.6	91.0	1.15	19.76	C, CN
10-7.5	3600	DF132SD	193345.60	√	1,895	C132T34FZ48	163	230/460	24.0	90.2	1.15	19.76	C, CN
	1800	DF132MD	193346.60	√	2,077	C132T17FZ46	174	230/460	24.0	91.7	1.15	19.76	C, CN
	1200	DF160MD	193347.60	√	3,298	C160T11FZ41	251	230/460	28.8	91.0	1.15	23.62	C, CN
15-11	3600	DF160MD	193348.60	√	3,125	C160T34FZ62	260	230/460	35.0	91.0	1.15	23.62	C, CN
	1800	DF160MD	193349.60	√	3,125	C160T17FZ45	264	230/460	37.0	92.4	1.15	23.62	C, CN
	1200	DF160LD	193350.60	√	4,122	C160T11FZ42	330	230/460	40.0	91.7	1.15	26.57	C, CN
20-15	3600	DF160MD	193351.60	√	3,370	C160T34FZ63	269	230/460	47.0	91.0	1.15	23.62	C, CN
	1800	DF160LD	193352.60	√	3,554	C160L17FZ46	311	230/460	50.0	93.0	1.15	25.39	C, CN
	1200	DF180LD	193353.60	√	5,406	C180T11FZ21	385	230/460	53.5	91.7	1.15	28.27	C, CN
25-18.5	3600	DF160LD	193354.60	√	4,052	C160T34FZ64	319	230/460	58.0	91.7	1.15	25.39	C, CN
	1800	DF180MD	193355.60	√	4,524	C180T17FZ43	381	230/460	58.5	93.6	1.15	26.77	C, CN
30-22	3600	DF180MD	193356.60	√	4,844	C180T34FZ20	355	230/460	69.0	93.0	1.15	26.77	C, CN
	1800	DF180LD	193357.60	√	5,025	C180T17FZ44	427	230/460	70.0	94.1	1.15	28.27	C, CN

Green items are Premium Efficient

♥ Note listing on inside back flap

Note: Aluminum motors have removable feet for round-body applications.

Larger HP B3 Foot-Mounted metric motors on page 282 can be converted to B3/B5 Flange-Mount by installing B5 Flange Kits.

Specifications are subject to change without notice

View On-line Technical Information

IEC Metric Motors

AC Metric (IEC) Motors - B3 / B14 Flange - Three Phase - Rigid Base

Three Phase - TEFC - B3 / B14 Flange - Rigid Base - IP55

HP/ kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/4-0.18	3600	D63C	192017.00	D	307	C63T34FZ3	10	230/460	0.8	72.0	1.15	8.55	A, CN
	3600	D63C	192017.30	√	307	C63T34FZ17	10	230/460	1.0	65.5	1.15	8.35	A, CN
	1800	D63C	192018.00	D	319	C63T17FZ2	11	230/460	1.0	68.0	1.15	8.55	A, CN
	1800	D63C	192018.30	√	319	C63T17FZ9	11	230/460	1.3	52.5	1.15	8.35	A, CN
	1200	D71C	192019.00	D	555	C71T11FZ2	12	230/460	1.2	64.0	1.15	9.46	A, CN
	1200	D63C	192019.30	√	555	C71T11FZ15	12	230/460	1.3	62.4	1.15	9.70	A, CN
1/3-0.25	3600	D63C	192027.00	D	359	C63T34FZ4	11	230/460	1.1	72.0	1.15	8.55	A, CN
	3600	D63C	192027.30	√	359	C63T34FZ16	11	230/460	1.3	67.9	1.15	9.65	A, CN
	1800	D71C	192028.00	D	363	C71T17FZ3	13	230/460	1.4	68.0	1.15	9.46	A, CN
	1800	D71C	192028.30	√	363	C71T17FZ17	13	230/460	1.4	65.6	1.15	9.65	A, CN
	1200	D80C	192029.00	D	599	C80T11FZ4	17	230/460	1.3	70.0	1.15	11.11	A, CN
	1200	D80C	192029.30	√	599	C80T11FZ25	17	230/460	1.5	61.3	1.15	11.61	A, CN
1/2-0.37	3600	D71C	192037.00	D	364	C71T34FZ3	13	230/460	1.6	74.0	1.15	9.46	A, CN
	3600	D71C	192037.30	√	364	C71T34FZ17	13	230/460	1.7	67.3	1.15	9.65	A, CN
	1800	D71C	192038.00	D	379	C71T17FZ4	14	230/460	1.8	74.0	1.15	9.46	A, CN
	1800	D71C	192038.30	√	379	C71T17FZ18	14	230/460	1.9	71.5	1.15	9.65	A, CN
	1200	D80C	192039.00	D	619	C80T11FZ5	19	230/460	1.9	72.0	1.15	11.11	A, CN
	1200	D80C	192039.30	√	619	C80T11FZ26	19	230/460	2.2	61.8	1.15	11.61	A, CN
3/4-0.55	3600	D71C	192047.00	D	385	C71T34FZ4	15	230/460	2.4	74.0	1.15	9.46	A, CN
	3600	D71C	192047.30	√	385	C71T34FZ18	15	230/460	2.3	74.5	1.15	9.65	A, CN
	1800	D80C	192048.00	D	413	C80T17FZ3	18	230/460	2.5	74.0	1.15	11.11	A, CN
	1800	D80C	192048.30	√	413	C80T17FZ17	18	230/460	2.5	73.9	1.15	11.61	A, CN
	1200	D80C	192049.00	D	658	C80T11FZ6	22	230/460	2.7	72.0	1.15	11.11	A, CN
	1200	D80C	192049.30	√	658	C80T11FZ27	22	230/460	3.0	63.0	1.15	11.61	A, CN
1-0.75	3600	D80C	192057.00	D	422	C80T34FZ3	21	230/460	2.8	75.5	1.15	11.11	A, CN
	3600	D80C	192057.30	√	422	C80T34FZ17	21	230/460	3.1	76.5	1.15	11.61	A, CN
	1800	D80C	192058.00	D	443	C80T17FZ4	26	230/460	3.2	80.0	1.15	11.11	A, CN
	1800	D80C	192058.30	√	443	C80T17FZ18	26	230/460	3.2	73.6	1.15	11.61	A, CN
	1200	D90SC	192212.00	D	797	C80T11FZ15	35	230/460	3.2	82.5	1.15	12.83	A, CN
	1200	D90SC	192212.30	√	797	C80T11FZ21	35	230/460	3.3	82.5	1.15	13.39	A, CN
1 1/2-1.1	3600	D80C	192067.00	D	482	C80T34FZ4	27	230/460	4.0	84.0	1.15	11.11	A, CN
	3600	D80C	192067.30	√	482	C80T34FZ18	27	230/460	4.3	77.9	1.15	11.61	A, CN
	1800	D90SC	192204.00	D	566	C90T17FZ15	37	230/460	4.2	86.5	1.15	12.61	A, CN
	1800	D90SC	192204.30	√	566	C90T17FZ27	37	230/460	3.9	86.5	1.15	13.39	A, CN
2-1.5	3600	D90SC	192213.00	D	615	C90T34FZ17	33	230/460	5.0	85.5	1.15	12.61	A, CN
	3600	D90SC	192213.30	√	615	C90T34FZ25	33	230/460	5.0	85.5	1.15	13.39	A, CN
	1800	D90LC	192207.00	D	630	C90T17FZ18	38	230/460	5.4	87.5	1.15	12.61	A, CN
	1800	D90LC	192207.30	√	630	C90T17FZ28	38	230/460	5.3	86.6	1.15	13.39	A, CN
	1200	DF100LC	193358.60	√	1,086	C100T11FZ22	82	230/460	6.0	88.5	1.15	14.97	C, CN

Green items are Premium Efficient

♥ Note listing on inside back flap

D = Items to be discontinued when inventory is depleted

Continued On Next Page

Note: Aluminum motors have removable feet for round-body applications.

Larger HP B3 Foot-Mounted metric motors on page 282 can be converted to B3/B5 Flange-Mount by installing B5 Flange Kits.

Specifications are subject to change without notice

View On-line Technical Information

AC Metric (IEC) Motors - B3 / B14 Flange - Three Phase - Rigid Base

Three Phase - TEFC - B3 / B14 Flange - Rigid Base - IP55

HP/ kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
3-2.2	3600	D90LC	192214.00	D	890	C90T34FZ18	39	230/460	7.2	87.5	1.15	12.61	A, CN
	3600	D90LC	192214.30	√	890	C90T34FZ26	39	230/460	7.3	86.5	1.15	13.39	A, CN
	1800	DF100LC	193359.60	√	1,053	C100T17FZ45	84	230/460	8.0	90.2	1.15	14.97	C, CN
	1200	DF112MC	193360.60	√	1,486	C112T11FZ23	84	230/460	9.6	89.5	1.15	15.76	C, CN
4-3	3600	DF100LC	193361.60	√	1,116	C100T34FZ22	71	230/460	9.2	88.5	1.15	14.97	C, CN
	1800	DF100LC	193362.60	√	1,133	C100T17FZ46	84	230/460	10.0	89.5	1.15	14.97	C, CN
	1200	DF132SC	193363.60	√	1,817	C132T11FZ64	154	230/460	12.4	89.5	1.15	18.72	C, CN
5 1/2-4	3600	DF112MC	193364.60	√	1,405	C112T34FZ26	104	230/460	12.6	88.5	1.15	15.76	C, CN
	1800	DF112MC	193365.60	√	1,361	C112T17FZ23	104	230/460	14.0	89.5	1.15	15.76	C, CN
	1200	DF132MC	193366.60	√	2,070	C132T11FZ65	176	230/460	17.0	89.5	1.15	20.29	C, CN
7 1/2-5.5	3600	DF132SC	193367.60	√	1,775	C132T34F249	152	230/460	18.0	89.5	1.15	18.72	C, CN
	1800	DF132SC	193368.60	√	1,775	C132T17FZ47	150	230/460	18.4	91.7	1.15	18.72	C, CN
	1200	DF132MC	193369.60	√	2,448	C132T11FZ66	180	230/460	21.6	91.0	1.15	20.29	C, CN
10-7.5	3600	DF132SC	193370.60	√	1,895	C132T34FZ50	163	230/460	24.0	90.2	1.15	18.72	C, CN
	1800	DF132MC	193371.60	√	2,077	C132T17FZ48	174	230/460	24.0	91.7	1.15	20.29	C, CN
	1200	DF160MC	193372.60	√	3,298	C160T11FZ43	251	230/460	28.8	92.1	1.15	23.64	C, CN
15-11	3600	DF160MC	193373.60	√	3,125	C160T34FZ65	260	230/460	35.0	91.0	1.15	23.64	C, CN
	1800	DF160MC	193374.60	√	3,125	C160T17FZ47	264	230/460	37.0	92.4	1.15	23.64	C, CN
	1200	DF160LC	193375.60	√	4,122	C160T11FZ44	330	230/460	40.0	91.7	1.15	25.41	C, CN
20-15	3600	DF160MC	193376.60	√	3,572	C160T34FZ66	269	230/460	47.0	91.0	1.15	23.64	C, CN
	1800	DF160LC	193377.60	√	3,768	C160T17FZ48	311	230/460	50.0	93.0	1.15	25.41	C, CN
25-18.5	3600	DF160LC	193378.60	√	4,294	C160T34FZ67	319	230/460	58.0	91.7	1.15	25.41	C, CN

♥ Note listing on inside back flap

Green items are Premium Efficient

D = Items to be discontinued when inventory is depleted

Note: Aluminum motors have removable feet for round-body applications.

Larger HP B3 Foot-Mounted metric motors on page 282 can be converted to B3/B5 Flange-Mount by installing B5 Flange Kits.

Specifications are subject to change without notice

View On-line Technical Information

IEC Metric Motors

575 Volt Metric Motors

AC Metric (IEC) Motors - B3 Flange - Three Phase - Rigid Base

Three Phase - TEFC - B3 Flange - Rigid Base - IP55

HP/ kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 575 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/4-0.18	3600	D63	192088.00	D	273	C63T34FZ7	10	575	0.3	72.0	1.15	8.54	A, CN
	3600	D63	192088.30	√	273	C63T34FZ19	10	575	0.4	65.5	1.15	8.35	A, CN
	1800	D63	192089.00	D	284	C63T17FZ4	11	575	0.4	68.0	1.15	8.54	A, CN
	1800	D63	192089.30	√	284	C63T17FZ10	11	575	0.5	52.5	1.15	8.35	A, CN
1/3-0.25	3600	D63	192097.00	D	319	C63T34FZ10	11	575	0.4	74.0	1.15	8.54	A, CN
	3600	D63	192097.30	√	319	C63T34FZ20	11	575	0.5	67.9	1.15	9.65	A, CN
	1800	D71	192098.00	D	332	C71T17FZ7	13	575	0.6	67.0	1.15	9.45	A, CN
	1800	D71	192098.30	√	332	C71T17FZ19	13	575	0.6	65.6	1.15	9.65	A, CN
1/2-0.37	3600	D71	192106.00	D	341	C71T34FZ7	13	575	0.7	74.0	1.15	9.45	A, CN
	3600	D71	192106.30	√	341	C71T34FZ19	13	575	0.7	67.3	1.15	9.65	A, CN
	1800	D71	192107.00	D	346	C71T17FZ10	14	575	0.7	74.0	1.15	9.45	A, CN
	1800	D71	192107.30	√	346	C71T17FZ20	14	575	0.8	71.5	1.15	9.65	A, CN
3/4-0.56	3600	D71	192115.00	D	356	C71T34FZ10	15	575	0.9	74.0	1.15	9.45	A, CN
	3600	D71	192115.30	√	356	C71T34FZ20	15	575	0.9	74.5	1.15	11.61	A, CN
	1800	D80	192116.00	D	376	C80T17FZ7	18	575	1.0	73.0	1.15	11.10	A, CN
	1800	D80	192116.30	√	376	C80T17FZ19	18	575	0.9	73.9	1.15	11.61	A, CN
1-0.75	3600	D80	192124.00	D	403	C80T34FZ7	21	575	1.1	75.5	1.15	11.10	A, CN
	3600	D80	192124.30	√	403	C80T34FZ19	21	575	1.3	76.5	1.15	11.61	A, CN
	1800	D80	192125.00	D	412	C80T17FZ10	26	575	1.4	82.5	1.15	11.10	A, CN
	1800	D80	192125.30	√	412	C80T17FZ20	26	575	1.3	73.6	1.15	11.61	A, CN
1 1/2-1.1	3600	D80	192133.00	D	447	C80T34FZ10	27	575	1.6	82.5	1.15	11.10	A, CN
	3600	D80	192133.30	√	447	C80T34FZ20	27	575	1.7	77.9	1.15	11.61	A, CN
	1800	D90S	192230.00	D	457	C90T17FZ19	37	575	1.8	86.5	1.15	12.83	A, CN
	1800	D90S	192230.30	√	457	C90T17FZ30	37	575	1.6	86.5	1.15	13.20	A, CN
2-1.5	3600	D90S	192231.00	D	477	C90T34FZ19	33	575	2.2	86.5	1.15	12.83	A, CN
	3600	D90S	192231.30	√	477	C90T34FZ27	33	575	2.0	86.5	1.15	13.20	A, CN
	1800	D90L	192232.00	D	492	C90T17FZ20	38	575	2.3	85.5	1.15	12.83	A, CN
	1800	D90L	192232.30	√	492	C90T17FZ29	38	575	2.1	85.5	1.15	14.20	A, CN
3-2.2	3600	D90L	192233.00	D	685	C90T34FZ20	39	575	3.0	86.5	1.15	13.43	A, CN
	3600	D90L	192233.30	√	685	C90T34FZ28	39	575	3.0	86.5	1.15	14.20	A, CN
	1800	DF100L	193379.60	√	916	C100T17FZ47	84	575	3.2	89.5	1.15	16.34	C, CN
4-3	3600	DF100L	193380.60	√	977	C100T34FZ23	71	575	3.1	88.5	1.15	16.34	C, CN
	1800	DF100L	193381.60	√	994	C100T17FZ48	84	575	4.0	89.5	1.15	16.34	C, CN
5 1/2-4	3600	DF112M	193382.60	√	1,255	C112T34FZ27	104	575	5.1	88.5	1.15	16.14	C, CN
	1800	DF112M	193383.60	√	1,209	C112T17FZ24	104	575	5.6	89.5	1.15	16.14	C, CN
7 1/2-5.5	3600	DF132S	193384.60	√	1,573	C132T34FZ51	152	575	7.0	89.5	1.15	18.27	C, CN
	1800	DF132S	193385.60	√	1,573	C132T17FZ49	150	575	7.9	91.7	1.15	18.27	C, CN
10-7.5	3600	DF132S	193386.60	√	1,683	C132T34FZ52	163	575	9.6	90.2	1.15	18.27	C, CN
	1800	DF132M	193387.60	√	1,866	C132T17FZ50	174	575	9.6	91.7	1.15	19.76	C, CN

Green items are Premium Efficient

D = Items to be discontinued when inventory is depleted

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information

Three Phase - TEFC - B3 Flange - Rigid Base - IP55

HP/ kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
15-11	3600	DF160M	193388.60	√	2,727	C160T34FZ68	260	575	14.0	91.0	1.15	23.62	C, CN
	1800	DF160M	193389.60	√	2,727	C160T17FZ49	264	575	14.5	92.4	1.15	23.62	C, CN
20-15	3600	DF160M	193390.60	√	3,198	C160T34FZ69	269	575	18.4	91.0	1.15	23.62	C, CN
	1800	DF160L	193391.60	√	3,372	C160T17FZ50	311	575	20.0	93.0	1.15	25.39	C, CN
25-18.5	3600	DF160L	193392.60	√	3,893	C160T34FZ70	319	575	23.2	91.7	1.15	25.39	C, CN
	1800	DF180M	193393.60	√	4,285	C180T17FZ45	381	575	23.0	93.6	1.15	26.77	C, CN
30-22	3600	DF180M	193394.60	√	4,627	C180T34FZ21	355	575	27.4	91.7	1.15	26.77	C, CN
	1800	DF180L	193395.60	√	4,817	C180T17FZ46	427	575	28.0	93.6	1.15	28.27	C, CN
40-30	3600	DF200L	193396.60	√	6,586	C200T34FZ39	522	575	28.4	92.4	1.15	29.53	C, CN
	1800	DF200L	193397.60	√	7,091	C200T17FZ22	531	575	38.0	94.7	1.15	29.53	C, CN
50-37	3600	DF200L	193398.60	√	8,638	C200T34FZ40	546	575	45.0	93.0	1.15	29.53	C, CN
	1800	DF225S	193399.60	√	9,836	C225T17FZ22	632	575	47.5	94.5	1.15	31.97	C, CN

Green items are Premium Efficient

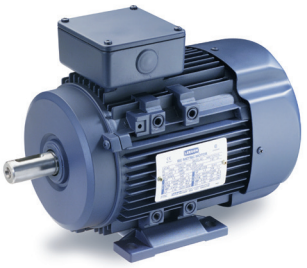
♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

IEC Metric Motors

Metric Motor Kits - B5 & B14 Flanges



Specifications:

- Includes parts to convert B3 rigid motors to either a B5 or B14 flange.

B3 / B14 Flange - TEFC ICE Motors - IP55

IEC Frame	RPM	B5 Flange Kit	List Price	B14 Flange Kit	List Price
63	3600	175850.00	74	175851.00	66
63	3600	175850.30	74	175851.30	66
63	1800	175850.00	74	175851.00	66
63	1800	175850.30	74	175851.30	66
63	1200	175850.00	74	175851.00	66
63	1200	175850.30	74	175851.30	66
71	3600	175852.00	87	175853.00	71
71	3600	175852.30	87	175853.30	71
71	1800	175852.00	87	175853.00	71
71	1800	175852.30	87	175853.30	71
71	1200	175852.00	87	175853.00	71
71	1200	175852.30	87	175853.30	71
80	3600	175854.00	97	175855.00	81
80	3600	175854.30	97	175855.30	81
80	1800	175854.00	97	175855.00	81
80	1800	175854.30	97	175855.30	81
80	1200	175854.00	97	175855.00	81
80	1200	175854.30	97	175855.30	81
90	3600	175856.00	100	175857.00	89
90	3600	175856.30	100	175857.30	89
90	1800	175856.00	100	175857.00	89
90	1800	175856.30	100	175857.30	89
90	1200	175856.00	100	175857.00	89
90	1200	175856.30	100	175857.30	89
100	3600	175810.60	142	175817.60	125
100	1800	175810.60	142	175817.60	125
100	1200	175810.60	142	175817.60	125
112	3600	175811.60	151	175818.60	137
112	3600	175827.60Δ	151	175832.60Δ	137
112	1800	175811.60	151	175818.60	137
112	1800	175827.60Δ	151	175832.60Δ	137
112	1200	175810.60	142	175817.60	125
132	3600	175812.60	201	175819.60	184
132	3600	175828.60Δ	201	175833.60Δ	184
132	1800	175812.60	201	175819.60	184
132	1200	175812.60	201	175819.60	184
160	3600	175990.60	354	175991.60	352
160	3600	175829.60Δ	379	175834.60Δ	352
160	1800	175990.60	354	175991.60	352
160	1200	175990.60	354	175991.60	352
180	3600	175890.60	441		
180	3600	175830.60Δ	441		
180	1800	175890.60	441		
180	1200	175890.60	441		
200	3600	175994.60	613		
200	3600	175831.60Δ	613		
200	1800	175994.60	613		
200	1200	175994.60	613		
225	3600	175995.60	785		
225	1800	175995.60	785		
225	1200	175995.60	785		
250	1200	175619.60	785		

Note: "-30" Kit Numbers to be used with the -30 Series IEC AL frame motors

Δ For IEC motors built after June 2011

Includes parts to convert a B3 rigid mount motor to either a B5 or B14 Flange

Specifications are subject to change without notice

Specifications:

Used to convert a Metric motor to have a reduced B14 flange mount. Example, you can change an 80 frame IEC motor to have a 71 frame B14 flange. Comes complete with necessary hardware and oil seals for easy field mounting

IEC Motor Frame	B14 Flange Frame	Catalog Number	List Price
63	56	175900.00	64
71	63	175901.00	71
80	71	175902.00	81
90	80	175903.00	84

IEC Metric Motors

IEC Washguard® All-Stainless AC Motors

IEC B5 Flange - Round Body

Three Phase - Totally Enclosed - B5 Flange Less Base

HP/ kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3-0.25	1800	71	103403.00	√	1,414	CZ4T17VZ16	30	208-230/460	1.3	70.5	1.15	9.87	S, US, 12
	1800	80	103405.00	√	1,414	CZ4T17VZ17	30	208-230/460	1.3	70.5	1.15	9.87	S, US, 12
1/2-0.37	1800	71	103404.00	√	1,462	CZ4T17VZ6	32	208-230/460	1.6	76.0	1.15	11.62	S, US, 12
	1800	80	103406.00	√	1,462	CZ4T17VZ7	32	208-230/460	1.6	76.0	1.15	11.62	S, US, 12
3/4-0.55	1800	80	103407.00	√	1,550	CZ4T17WZ9	38	208-230/460	2.3	77.0	1.15	12.26	S, US, 13
1- 0.75	1800	90	117516.00	√	1,647	CZ6T17WC44	45	208-230/460	3.1	82.5	1.15	13.13	S, US, 13
1.5 - 1.1	1800	90	117517.00	√	1,738	CZ6T17WC46	49	208-230/460	4.4	84.0	1.15	13.63	S, US, 13
2 - 1.5	1800	90	117518.00	√	1,930	CZ6T17WC45	49	208-230/460	5.6	84.0	1.15	13.63	S, US, 13

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

IEC B14 Flange - Round Body

Three Phase - Totally Enclosed - B14 Flange Less Base

HP/ kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3-0.25	1800	71	103395.00	√	1,414	CZ4T17VZ13	30	208-230/460	1.3	70.5	1.15	9.83	S, US, 12
	1800	80	103397.00	√	1,414	CZ4T17VZ14	30	208-230/460	1.3	70.5	1.15	9.72	S, US, 12
1/2-0.37	1800	71	103396.00	√	1,462	CZ4T17VZ3	32	208-230/460	1.6	76.0	1.15	11.58	S, US, 12
	1800	80	103398.00	√	1,462	CZ4T17VZ4	32	208-230/460	1.6	76.0	1.15	11.58	S, US, 12
3/4-0.55	1800	80	103399.00	C/A	1,550	CZ4T17WZ7	38	208-230/460	2.3	77.0	1.15	12.48	S, US, 13

Note 12 - TENV

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

IEC B5 Flange - Rigid Base

Three Phase - Totally Enclosed - B5 Flange With Base

HP/ kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3-0.25	1800	80	103408.00	√	1,438	CZ4T17VZ18	30	208-230/460	1.3	70.5	1.15	9.50	S, US, 12
1/2-0.37	1800	80	103409.00	√	1,483	CZ4T17VZ8	32	208-230/460	1.6	76.0	1.15	12.75	S, US, 12
3/4-0.55	1800	80	103410.00	√	1,581	CZ4T17WZ10	38	208-230/460	2.3	77.0	1.15	12.26	S, US, 13

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

IEC B14 Flange - Rigid Base

Three Phase - Totally Enclosed - B14 Flange With Base

HP/ kW	SYN RPM 60 Hz	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F. L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/3-0.25	1800	80	103400.00	√	1,462	CZ4T17VZ15	31	208-230/460	1.3	70.5	1.15	9.72	S, US, 12
1/2-0.37	1800	80	103401.00	√	1,615	CZ4T17VZ5	33	208-230/460	1.6	76.0	1.15	11.58	S, US, 12
3/4-0.55	1800	80	103402.00	√	1,673	CZ4T17WZ8	39	208-230/460	2.3	77.0	1.15	12.48	S, US, 13

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

SCR Rated 90 & 180V - TEFC - C Face With Base

HP/ kW	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	DC Voltage	Control Volts AC Input	F.L. Amps @ 180 VDC	"C" Dim. (Inches)	♥Notes
1/3 - 0.25	1750	80D	109068.00	√	1,459	4D17VK27	44	180	230	1.9	12.81	S, US, 12
1/2 - 0.37	1750	80D	109071.00	√	1,705	4D17WK11	46	180	230	2.7	13.87	S, US, 13
3/4 - 0.55	1750	80D	109074.00	√	2,076	4D17WK15	48	180	230	3.7	15.37	S, US, 13
1 - 0.75	1750	80D	109077.00	√	2,408	4D17WK18	50	180	230	5.0	16.37	S, US, 13

Base is welded to frame and not removable.
Note 12 - TENV
Specifications are subject to change without notice

♥ Note listing on inside back flap

180 Volt - TEFC - C Face Less Base

HP/ kW	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	DC Voltage	Control Volts AC Input	F.L. Amps @ 180 VDC	"C" Dim. (Inches)	♥Notes
1/3 - 0.25	1750	80D	109081.00	√	1,427	4D17VC8	44	180	230	1.9	12.81	S, US, 12
1/2 - 0.37	1750	80D	109084.00	√	1,673	4D17WC4	46	180	230	2.7	13.87	S, US, 13
3/4 - 0.55	1750	80D	109087.00	√	2,044	4D17WC7	48	180	230	3.7	15.37	S, US, 13
1 - 0.75	1750	80D	109090.00	√	2,378	4D17WC10	50	180	230	5.0	16.37	S, US, 13

Note 12 - TENV
Specifications are subject to change without notice

♥ Note listing on inside back flap

Flange And Face Kits for Stainless Steel DC Metric (IEC) Frame Motors

The modular design concept of LEESON's other metric DC motors has been applied to the all-stainless metric motors. Any flange or face kit can mount on any motor. This allows the greatest flexibility from the smallest inventory of motors.

B5 Flange Kits (For Stainless DC Metric Motors)

IEC Frame	Catalog Number	List Price	App. Wgt. (lbs)	AK Register (mm)	BF Hole (mm)	AJ Bolt Circle (mm)	BD Flange Dia. (mm)
71	175593.00	184	2	110	9	130	160
80	175594.00	222	3	130	12	165	200
90S/90L	175594.00	222	3	130	12	165	200
100L/112M	175595.00	346	5	180	15	215	250

Specifications are subject to change without notice

B14 Flange Kits (For Stainless DC Metric Motors)

IEC Frame	Catalog Number	List Price	App. Wgt. (lbs)	AK Register (mm)	BF Hole (mm)	AJ Bolt Circle (mm)	BD Flange Dia. (mm)
71	175596.00	140	1	70	6	85	105
80	175597.00	140	1	80	6	100	120
90S/90L	175598.00	381	1	95	6	115	140
100L/112M	175599.00	346	2	110	6	130	160

Specifications are subject to change without notice

View On-line Technical Information

IEC Metric Motors

DC Metric Motors

Metric (IEC) Frame - SCR Rated - IP54

Application Notes:

Please note that one or more of the mounting kits must be used with IEC motors of these frame sizes. See listing on next page for B5 flange and B14 face kits. B3 rigid base kits are listed below.

General Specifications:

- Built to IEC 34-1 electrical and mechanical standards
- IEC 63 and smaller frames supplied with an integral B5 Flange or B14 face
- Optional B3 Rigid base kit available
- IEC 71 frame and larger can be field modified for B3 Rigid Base, B5 Flange, or B14 face construction using conversion kits
- Tachometer mounting kits available for 71 and 80 frames only

Features:

- Cast aluminum conduit box
- Terminal board provided for connections
- All metric fasteners
- Easy brush access for field service
- Oversize brushes for extended life
- High strength rolled steel frame
- Die cast aluminum endshields with steel bearing inserts
- Permanently lubricated sealed ball bearings
- Reversible rotation
- Simple 2 lead connection
- Convenient wiring access
- Tachometer mounting kits available for 71 and 80 frames only

180 Volts - Totally Enclosed - B5 Flange

kW/HP	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	DC Voltage	Control Volts AC Input	F.L. Amps @ 180 VDC	"C" Dim. (Inches)	♥Notes
0.06/1/12	1750	56	M1130146.00	C/A	462	CIM34D18ND1	8	180	230	0.5	6.24	S, US, 12
0.09/1/8	3000	56	M1130150.00	√	462	CIM34D30ND1	9	180	230	0.7	6.74	S, US, 12
	1750	56	M1130147.00	√	495	CIM34D18ND2	10	180	230	0.7	7.55	S, US, 12
0.12/1/6	3000	56	M1130151.00	√	479	CIM34D30ND2	9	180	230	0.9	7.55	S, US, 12
	1750	63	M1130148.00	√	567	CIM34D18FD1	7	180	230	0.9	8.30	S, US, 13
0.18/1/4	3000	63	M1130152.00	√	523	CIM34D30ND3	11	180	230	1.3	8.78	S, US, 12
	1750	63	M1130149.00	√	608	CIM34D18FD2	13	180	230	1.3	9.50	S, US, 13
0.25/1/3	3000	63	M1130153.00	√	580	CIM34D30FD1	11	180	230	1.7	9.50	S, US, 13

♥ Note listing on inside back flap

Note 12 - TENV
These motors have accommodations for B3 base mountings with the kits - see page 296
C/A - Check Availability
Specifications are subject to change without notice

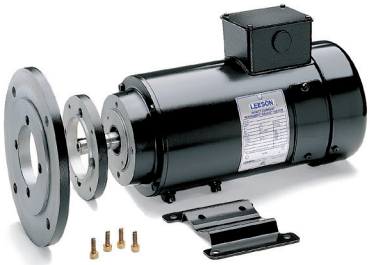
View On-line Technical Information

180 volts - Totally Enclosed - B14 Flange

HP/kW	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	DC Voltage	Control Volts AC Input	F.L. Amps @ 180 VDC	"C" Dim. (Inches)	♥Notes
0.06/1/12	3000	56	M1110024.00	√	413	980.542	6	180	230	0.4	6.34	S, US, 12
	1750	56	M1130136.00	√	462	CIM34D18NC5	8	180	230	0.5	6.24	S, US, 12
0.09/1/8	3000	56	M1130140.00	√	462	CIM34D30NC1	9	180	230	0.7	6.74	S, US, 12
	1750	56	M1130137.00	√	495	CIM34D18NC6	14	180	230	0.7	7.55	S, US, 12
0.12/1/6	3000	56	M1130141.00	√	479	CIM34D30NC2	10	180	230	0.9	7.55	S, US, 12
	1750	63	M1130138.00	√	567	CIM34D18FC1	8	180	230	0.9	8.30	S, US, 13
0.18/1/4	3000	63	M1130142.00	√	523	CIM34D30NC3	10	180	230	1.3	8.78	S, US, 12
	1750	63	M1130139.00	√	608	CIM34D18FC2	10	180	230	1.3	9.50	S, US, 13
0.25/1/3	3000	63	M1130143.00	√	580	CIM34D30FC1	10	180	230	1.7	9.50	S, US, 13

Note 12 - TENV
Except for M1110024.00, these motors have accommodations for B3 base mountings with the kits - see page 296
Specifications are subject to change without notice

♥ Note listing on inside back flap



TEFC - SCR Rated 180 Volts - Round Body

HP/kW	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	DC Voltage	Control Volts AC Input	F.L. Amps @ 180 VDC	"C" Dim. (Inches))	♥Notes
0.25/1/3	1750	71	098014.00	√	605	42D17FT1	23	180	230	1.7	11.28	S, US
0.37/1/2	3000	71	098016.00	√	646	42D34FT1	21	180	230	2.5	10.78	S, US
	1750	71	098015.00	√	686	42D17FT2	26	180	230	2.5	11.78	S, US
0.55/3/4	3000	71	098017.00	√	743	42D34FT2	24	180	230	3.6	11.78	S, US
	1750	80	108369.00	√	849	4D17FT1	34	180	230	3.5	14.64	S, US
0.75/1	3000	80	108372.00	√	849	4D34FT1	45	180	230	4.9	14.64	S, US
	1750	80	108370.00	√	1,049	4D17FT2	48	180	230	4.6	17.14	S, US
1.1/11/2	3000	80	108373.00	√	940	4D34FT2	47	180	230	7.1	16.14	S, US
	1750	80	108371.00	√	1,384	4D17FT3	52	180	230	7.0	17.14	S, US
	1750	90L	118007.00	√	2,061	CI6D17FT1	64	180	230	7.5	18.97	S, US
1.5/2	3000	90L	118009.00	√	2,061	CI6D34FT1	72	180	230	10.0	18.47	S, US
	1750	90L	118008.00	√	2,473	CI6D17FT2	84	180	230	9.5	20.47	S, US
2.2/3	3000	90L	118010.00	√	2,473	CI6D34FT2	82	180	230	16.0	19.47	S, US
	1750	112M	118014.00	√	3,452	CI6D17FK1	90	180	230	14.0	21.79	S, US

IMPORTANT: These round body motors require either a B3 rigid base, B14 face or B5 flange kit - see page 296. Catalog number 118014.00 comes complete with IEC 112 B14 face and B3 foot; shaft diameter is 24mm.

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

IEC Metric Motors

Metric (IEC) Frame - SCR Rated

(For DC Metric Motors Only)
All motors are stocked with provisions to accommodate B3 foot mountings with the packages noted below.

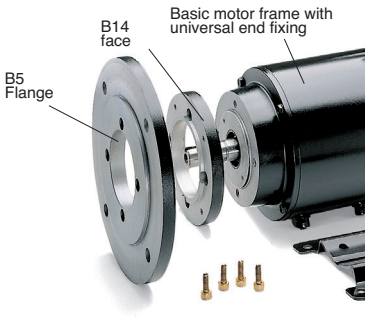
B3 Foot Mounting Kits

IEC Frame	Catalog Number	List Price
56	175142.00	68
63	175143.00	68
71	175144.00	74
80	175145.00	80
80	175784.00†	80
90	175146.00	51

† For endshield mounted brush cover motors

Flange Kits

Flange and Face Kits for DC Metric (IEC) Frame Motors
An advantage of LEESON'S modular design concept is the possible use of a different diameter B5 flange or B14 face than is normally assigned to a motor by IEC dimensional standards. This flexibility makes it possible to accommodate a wide variety of gear reducers, pumps and similar close coupled motor mounted loads.



B5 Flange Kits (For DC Metric Motors Only)

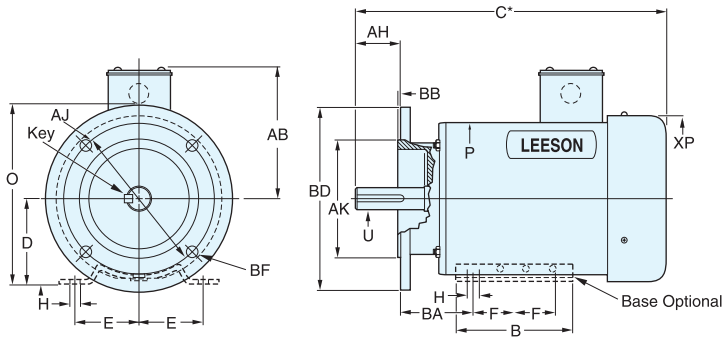
IEC Frame	Catalog Number	List Price	App. Wgt. (lbs)	AK Register (mm)	BF Hole (mm)	AJ Bolt Circle (mm)	BD Flange Dia. (mm)
71	175106.00	82	2	110	9	130	160
80	175108.00	82	3	130	12	165	200
90S/90L	175108.00	82	3	130	12	165	200
100L/112M	175137.00	200	5	180	15	215	250

Specifications are subject to change without notice

B14 Face Kits (For DC Metric Motors Only)

IEC Frame	Catalog Number	List Price	App. Wgt. (lbs)	AK Register (mm)	BF Hole (mm)	AJ Bolt Circle (mm)	BD Flange Dia. (mm)
71	175107.00	82	1	70	6	85	105
80	175109.00	82	1	80	6	100	120
90S/90L	175129.00	82	1	95	6	115	140
100L/112M	175130.00	200	2	110	6	130	160

Specifications are subject to change without notice



*For overall length, see motor listing.

IEC Frame Dimensions (Millimeters)

IEC Frame	Mounting					Shaft						B14 Face/B5 Flange					General			
	2E	2F	BA	D	H	U	AH✧	KEY	S	R	TAP	AJ	AK	BD	BF	BB	AB	XP	B	O
56	90	71	36	56	6	9	20	15	3	7.0	M3	65 100	50 80	80 120	M5 7	2.5 2.5	83	96	90	99
63	100	80	40	63	7	11	23	19	4	9.0	M4	75 115	60 95	90 140	M5 9	2.5 3.0	116	96	96	108
71	112	90	45	71	7	14	30	26	5	11.5	M5	85 130	70 110	105 160	M6 9	2.5 3.5	114	130	105	132
80	125	100	50	80	10	19	40	33	6	16.0	M6	100 165	80 130	120 200	M6 12	3.0 3.5	124	149	127	151
90S	140	100	56	90	10	24	50	36	8	20.5	M8	115 165	95 130	140 200	M8 12	3.0 3.5	135	182	152	173
90L	140	125	56	90	10	24	50	36	8	20.5	M8	115 165	95 130	140 200	M8 12	3.0 3.5	135	182	152	173
100L	160	140	63	100	12	28	60	41	8	24.5	M10	130 215	110 180	160 250	M8 15	3.5 4.0	135	182	176	173
112M	190	140	70	112	12	28	60	41	8	24.5	M10	130 215	110 180	160 250	M8 15	3.5 4.0	162	231	176	225

✧ Without face or flange AH shaft dimension is 12mm longer.

Specifications are subject to change without notice

IEC Metric Motors

DC Metric Motors

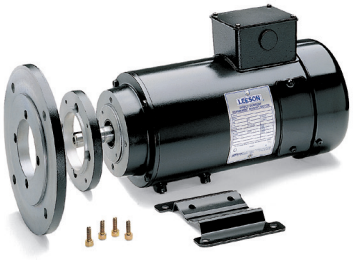
Low Voltage - DC Metric - IP 54

General Specifications:

- Built to IEC 34-1 electrical and mechanical standards
- IEC 63 and smaller frames supplied with an integral B5 Flange or B14 face
- Optional B3 Rigid base kit available
- IEC 71 frame and larger can be field modified for B3 Rigid Base, B5 Flange, or B14 face construction using conversion kits
- Tachometer mounting kits available for 71 and 80 frames only

Features:

- Cast aluminum conduit box
- Terminal board provided for connections
- All metric fasteners
- Easy brush access for field service
- Oversize brushes for extended life
- High strength rolled steel frame
- Die cast aluminum endshields with steel bearing inserts
- Permanently lubricated sealed ball bearings
- Reversible rotation
- Simple 2 lead connection
- Convenient wiring access
- Tachometer mounting kits available for 71 and 80 frames only



24 Volt - TEFC/TENV - Modular Design

HP/kW	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	DC Voltage	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/12/0.06	3000	56	M1110025.00	√	377	980.543	5	24	3.3	5.34	S, US, 12, >
	1750	56	M1110026.00	√	425	980.544	6	24	3.4	6.34	S, US, 12, >
1/4/0.18	3000	63	M1130206.00	√	480	CIM34D30FD2	13	24	11.0	7.75	S, US, □
	3000	63	M1130296.00	√	480	CIM34D30FC7	9	24	11.0	7.75	S, US, >
	1750	63	M1130207.00	√	549	CIM34D18FD6	13	24	10.0	8.75	S, US, □
	1750	63	M1130297.00	√	549	CIM34D18FC10	9	24	10.0	8.75	S, US, >
	1750	71	098065.00	√	658	42D17FT6	19	24	11.0	10.77	S, US
1/2/0.37	3000	71	098066.00	√	680	42D34FT7	23	24	20.0	11.27	S, US
	1750	71	098067.00	√	720	42D17FT7	23	24	20.0	12.27	S, US
1/0.75	3000	80	108456.00	√	791	4D34FT5	33	24	40.0	14.14	S, US, 35
	1750	80	108455.00	√	924	4D17FT6	52	24	39.0	14.64	S, US, 35
11/2/1.1	3000	80	108457.00	√	878	4D34FT6	33	24	65.0	15.64	S, US, 35
2/1.5	3000	80	108458.00	√	1010	4D34FT7	43	24	78.0	17.14	S, US, 35

♥ Note listing on inside back flap

Note 12 - TENV
Note 35 - Terminal bolts at 12:00
IMPORTANT: IEC 71 and 80 frame motors in this chart are round body and require either B14 face, B5 flange or B3 foot from kits shown on page 296.
□ Dedicated B5 Flange
> Dedicated B14 Face
Specifications are subject to change without notice

View On-line Technical Information

Features:

- Specially designed low voltage DC for use in OEM applications
- Combination of features and low cost make these ideal for many uses
- IP44(TENV) enclosure
- Dedicated B14 face mount
- Rated S1 for continuous duty
- Zinc plated steel frame construction

12, 24 & 90 Volt - TENV - B14 Mount

HP	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	DC Voltage	F. L. Amps DC	♥Notes
1/15	3000	56	980.159	C/A	192	980.159	2.3	12	6.4	S, US
	3000	56	980.143	C/A	192	980.143	2.3	24	3.2	S, US
	3000	56	980.549	C/A	184	980.549	2.3	90	0.8	S, US
1/8	3000	56	970.600	√	222	970.600	3.0	12	12.0	S, US
	3000	56	970.601	C/A	222	970.601	3.0	24	5.3	S, US
	3000	56	970.576	C/A	222	970.576	3.0	90	1.2	S, US
1/6	3000	56	970.620	√	240	970.620	3.5	12	13.1	S, US
	3000	56	970.621	C/A	240	970.621	3.5	24	6.8	S, US
	3000	56	970.577	C/A	228	970.577	3.5	90	1.6	S, US

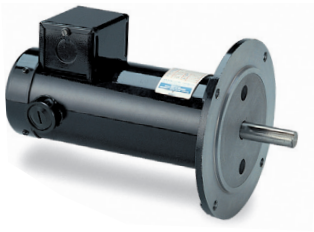
C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

DC Motors



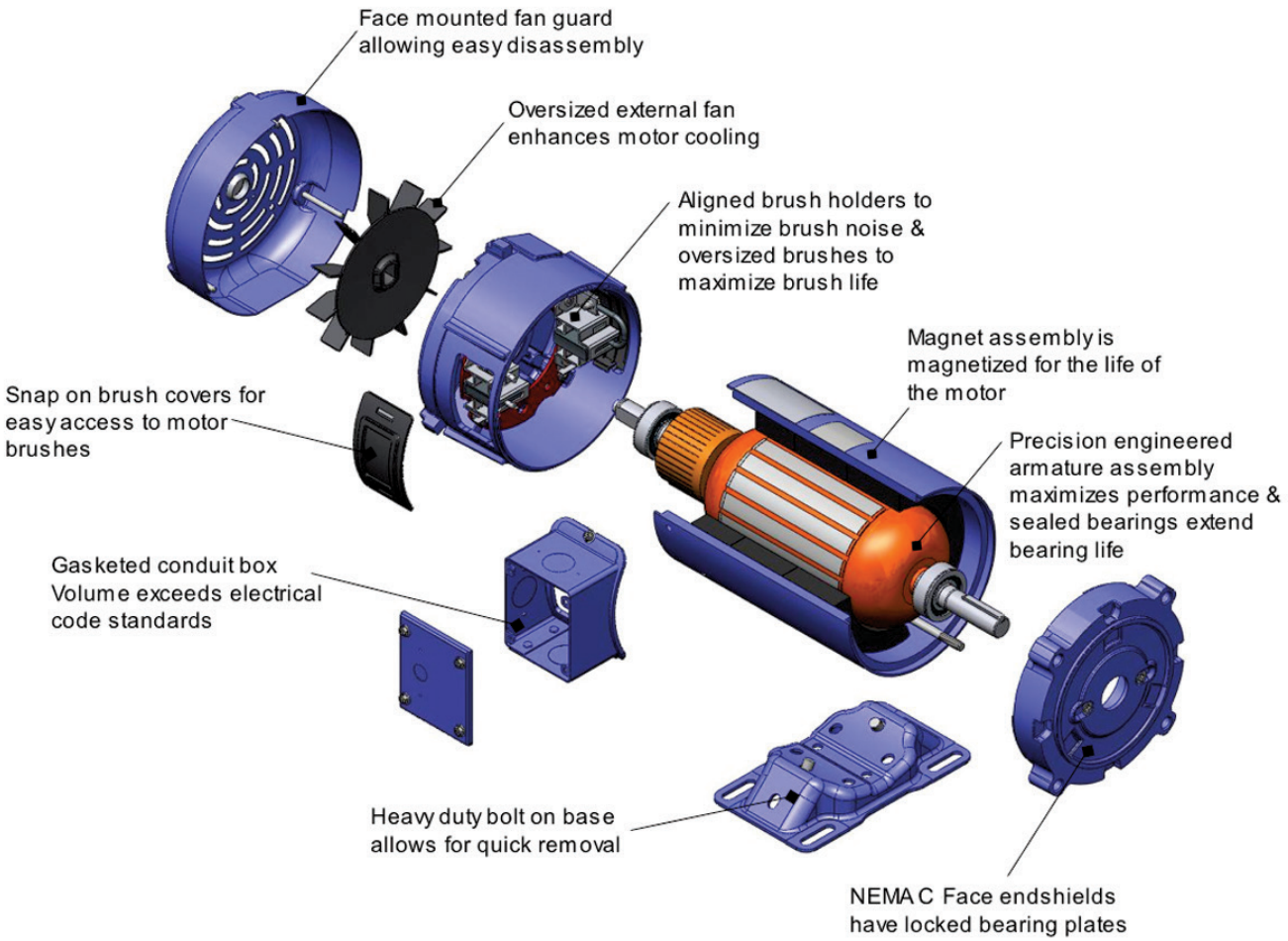
- NEMA DC, explosion proof, SUB-FHP, washdown, IEC and low voltage motors available
- Permanent magnet designs
- PWM or SCR rated and low voltage input voltage designs
- Removable bolt-on base
- Oversized brushes for long brush life
- Easy access to brushes
- Constant torque throughout speed range
- DC Controls available to change the speed of the motors

Applications:

DC motors are typically used is applications requiring motor speed adjustment, constant torque throughout the speed range and reversing capabilities. Applications would include: pumps, conveyors, turntables, textile machinery, treadmills, reeling equipment, sports equipment and medical equipment.

Mechanical/ Electrical Features:

- Brush holder design provides easy access to brushes
- Large oversized brushes assure long brush life
- Removable bolt-on base
- NEMA C face designs
- 115 or 230 volt input power ratings – 90 / 180 volt output
- Capable of dynamic braking
- PWM or SCR type controller rated
- High starting torque
- Permanently lubricated sealed bearings
- LEESON SCR controls available to power motors
- High starting torque
- Higher HP and speed achievable using PWM type DC controls
- UL and CSA Listed
- Meets NEMA MG1 standards
- Dynamically balanced armatures
- 30:1 constant torque operation



DC Motors

NEMA Frame - SCR Rated

TEFC - SCR Rated 90 & 180 Volts

NEMA 56C - C Face With Removable Base

HP	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/4	1750	SS56C	098002.00	√	647	42D17FK2	19	90	115	2.5	10.81	S, US
	1750	SS56C	098003.00	√	647	42D17FK3	22	180	230	1.4	11.31	S, US
1/3	1750	SS56C	098004.00	√	686	42D17FK4	23	90	115	3.5	11.31	S, US
	1750	SS56C	098005.00	√	686	42D17FK5	23	180	230	1.7	11.31	S, US
	1140	S56C	109098.00	C/A	842	4D11FK5	32	90	115	3.5	12.81	S, US
1/2	2500	SS56C	098006.00	√	686	42D28FK1	22	90	115	5.0	10.81	S, US
	2500	SS56C	098007.00	√	686	42D28FK2	22	180	230	2.5	10.81	S, US
	1750	SS56C	098000.00	√	763	42D17FK1	26	90	115	5.0	11.81	S, US
	1750	S56C	108014.00	√	801	4D17FK1	29	90	115	5.0	12.82	S, US
	1750	SS56C	098008.00	√	763	42D17FK6	25	180	230	2.5	11.81	S, US
	1750	S56C	108015.00	√	801	4D17FK2	30	180	230	2.5	12.82	S, US
	1140	S56C	109099.00	√	884	4D11FK6	40	90	115	5.0	14.32	S, US
3/4	2500	SS56C	098009.00	√	822	42D28FK3	26	90	115	7.6	11.81	S, US
	2500	S56C	108016.00	√	865	4D28FK3	29	90	115	7.6	12.82	S, US
	2500	SS56C	098010.00	√	822	42D28FK4	25	180	230	3.8	11.81	S, US
	2500	S56C	108017.00	√	865	4D28FK4	29	180	230	3.8	12.82	S, US
	1750	SS56C	098032.00	√	927	42D17FK7	36	90	115	7.6	13.81	S, US
	1750	S56C	108018.00	√	976	4D17FK3	38	90	115	7.6	13.82	S, US
	1750	SS56C	098069.00	√	927	42D17FK11	36	180	230	3.8	13.81	S, US
	1750	S56C	108019.00	√	976	4D17FK4	35	180	230	3.8	13.82	S, US
	1140	S56C	109100.00	√	1,194	4D11FK7	49	90	115	7.5	15.82	S, US
1	2500	S56C	108020.00	√	927	4D28FK5	34	90	115	10.0	13.32	S, US
	2500	S56C	108021.00	√	927	4D28FK6	38	180	230	5.0	13.82	S, US
	1750	S56C	108022.00	√	1,135	4D17FK5	47	90	115	10.0	14.82	S, US
	1750	S56C	108023.00	√	1,135	4D17FK6	39	180	230	5.0	14.81	S, US
	1140	145TC	128023.00	C/A	2,261	C145D11FK1	82	90	115	11.0	18.84	S, US
11/2	2500	S56C	108265.00	√	1,373	4D28FK11	43	180	230	7.5	15.32	S, US
	1750	S56C	108092.00	√	1,417	4D17FK10	53	180	230	7.6	16.82	S, US
	1750	S56/145TC	108262.00	√	1,417	4D17FK19	54	180	230	7.6	17.39	S, US, 8
	1750	145TC	128000.00	√	2,152	C145D17FK2	70	180	230	7.5	18.34	S, US
2	2500	S56/145TC	108266.00	√	2,152	4D28FK12	51	180	230	8.6	17.89	S, US, 8
	1750	145TC	128010.00	√	2,569	C145D17FK3	83	180	230	9.5	19.34	S, US
	1750	182/145TC	128001.00	√	2,569	C182D17FK3	84	180	230	9.5	19.34	S, US, 61
3	1750	182/145TC	108502.00	√	3,577	182D17FK2	88	180	230	14.0	21.75	S, US, 61

If base is removed, do not reinstall bolts without using washers to compensate for thickness of base.

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information

TEFC - SCR Rated 90 & 180 Volts
NEMA 56C - C Face Less Base*

HP	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/4	1750	SS56C	098377.00	√	624	42D17FC29	19	90	115	2.5	10.81	S, US
1/3	1750	SS56C	098378.00	√	665	42D17FC30	23	90	115	3.5	11.31	S, US
1/2	1750	SS56C	098379.00	√	741	42D17FC31	29	90	115	5.0	11.81	S, US
3/4	1750	SS56C	098380.00	√	905	42D17FC32	38	90	115	7.6	13.81	S, US
1	1750	S56C	109096.00	√	1,110	4D17FC42	47	90	115	10.0	14.82	S, US
	1750	S56C	109097.00	√	1,110	4D17FC43	39	180	230	5.0	14.82	S, US

♥ Note listing on inside back flap

No tapped holes provided for attaching a bolt-on base.

Specifications are subject to change without notice

All necessary parts to mount listed tachometers to stock TEFC SCR motors. Consists of machined cast fan cover, coupling and hardware. Does not include tachometer. Tach adapter kit is not suitable for catalog number 108502.00.

Tachometer Mounting Kits For DC Motors

Tachometer Type	NEMA Frame	IEC Frame	Catalog Number	List Price	App. Wgt. (lbs)
GE 5PY Series	SS56	71	175156.00	293	5
	56/145	—	175158.00	600	5
Servo-tek	SS56	71	175157.00	308	8
SA740 Series	56/145	—	175159.00	684	8

No Kit available for S56C motors

Specifications are subject to change without notice

Motors with S56C or SS56C frame sizes may be converted to 42/48 C face using the following:

Modification Kits

Frame	Catalog Number	List Price
SS56C	175182.00	50
S56C	175082.00*	50
	175802.00*†	50

* Addition of base kit will result in non-NEMA BA dimension of 2 3/4". Addition of C face kit will result in conduit box located at 1 o'clock facing lead end.

† For S56 frame endshield mounted brush cover motors

Specifications are subject to change without notice

DC motors in NEMA S56C frame may be converted to 48 base using the following:

Frame	Catalog Number	List Price
S56C	175080.00*	39

* Additon of base kit will result in non-NEMA BA dimension of 2 3/4. Addition of C face kit will result in conduit box located at 1 o'clock facing lead end

† For S56 frame endshield mounted brush cover motors

Specifications are subject to change without notice

DC Motors

Explosion-Proof - SCR Rated

Application Notes:

These motors must be applied in accordance with the National Electrical Code, Article #500. For a listing of explosive agents, consult NFPA Publication 497M.

General Specifications:

- Approved for application in hazardous environments where certain explosive gases or materials are present

Features:

- Rugged mechanical construction
- Meets all safety requirements
- UL and CSA listed
- Leads exit thru 3/4"-14NPT Pipe nipple at top of frame opposite shaft end
- Conduit box optional - see below
- Pilot duty thermostats -standard (connect to SCR control)
- Thermostats rated for continuous duty with full wave SCR(thyristor) controls.
- Double shielded, pre lubricated ball bearings - standard
- Easy brush access for field service

Explosion-Proof - Class I, Groups C & D – Class II, Groups F & G
90 & 180 Volt - TEFC - C Face With Removable Base

HP	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/3	1750	S56C	118015.00	√	2,484	C6D17EK1	27	90	115	3.5	13.41	S, US
1/2	1750	S56C	118016.00	√	2,805	C6D17EK2	30	90	115	4.7	14.41	S, US
	1750	S56C	118017.00	√	2,805	C6D17EK3	32	180	230	2.5	14.41	S, US
3/4	1750	S56C	118018.00	√	3,475	C6D17EK4	40	90	115	7.1	16.41	S, US
	1750	S56C	118019.00	√	3,475	C6D17EK5	36	180	230	3.3	16.41	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

UL and CSA listed for Class I, Group C & D, and Class II, Groups F & G locations. Has grounding screw and all hardware provided. Mounts to motor by 3/4"-14NPT opening at rear of box. For NEMA 56 frame motors only.

Explosion-Proof Conduit Box

Catalog Number	List Price	App. Wgt. (lbs)
175026.00	106	2

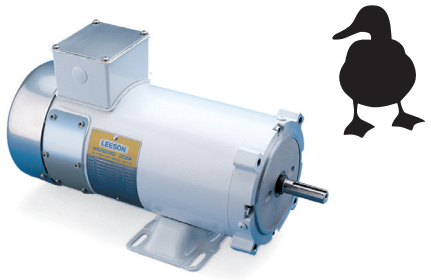
Specifications are subject to change without notice

View On-line Technical Information

NEMA Frame - Washguard® Duty - 90 & 180 Volts

General Specifications:

- Extended life in wet, high humid applications - IP 55
- Design repels water from entering motor
- Internal components protected against rust and corrosion
- Frame, base, endshields, armature and interior components protected by enamel and polyester compounds of outstanding adhesion and resistance to moisture, acids, alkalies and oil



Features:

- 303 Stainless steel shaft resists corrosion
- Lubricated spring loaded contact seals prevent moisture from entering the motor
- Patented "V" ring forsheda seal deflects water
- Double sealed, oversize bearings with high temp lubricant
- Exterior and interior components protected against moisture,acids, alkalies and oil
- Cast conduit box for superior sealing includes:
  - Threaded entrance
  - Drain holes
  - Nitrile gaskets
- 304 stainless steel conduit box cover and fan cover
- Re-positionable drain plugs for use in multiple mounting positions
- Nylon seals at bolt heads for superior sealing
- Machined fits throughout
- Stainless steel data plate
- Chemically inert, static free fan with positive mounting insures it wont move
- Stainless steel fan guard
- USDA approved white epoxy finish

90 & 180 Volts - Totally Enclosed - C Face With Removable Base

HP	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/4	1750	S56C	108423.00	√	830	C4D17VK9	23	90	115	2.7	10.69	S, US
	1750	S56C	098375.00	CA	830	C42D17VK1	21	180	230	1.4	10.22	S, US
1/3	1750	S56C	108424.00	√	878	C4D17VK10	26	90	115	3.5	11.69	S, US
	1750	S56C	098376.00	C/A	878	C42D17VK2	22	180	230	1.7	10.22	S, US
1/2	1750	S56C	108226.00	√	984	C4D17VK1	38	90	115	4.9	13.69	S, US
	1750	S56C	108227.00	√	984	C4D17VK2	43	180	230	2.4	13.69	S, US
3/4	1750	S56C	108228.00	√	1,194	C4D17VK3	53	90	115	7.0	15.69	S, US
	1750	S56C	108229.00	√	1,194	C4D17VK4	50	180	230	3.5	15.69	S, US
1	1750	S56C	108230.00	√	1,455	C4D17WK1	45	90	115	10.0	15.81	S, US
	1750	S56C	108231.00	√	1,455	C4D17WK2	42	180	230	5.0	14.81	S, US
1 1/2	1750	S56C	108232.00	√	1,859	C4D17WK3	50	180	230	7.6	15.81	S, US

♥ Note listing on inside back flap

C/A - Check Availability
Specifications are subject to change without notice

Washguard® - IEC Frame - TENV IP55

180 Volts - TENV - B5 Flange With Removable Base

HP/kW	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/2 - .37	1750	71	098040.00	C/A	870	42D17VD1	22	180	230	2.5	10.69	S, US
3/4 - .55	1750	80	108407.00	C/A	1,179	4D17VD1	52	180	230	3.5	16.02	S, US

If base is removed, do not reinstall bolts without using washers to compensate for the thickness of base. These WASHGUARD motors are modular design but stocked with B5 flange and B3 foot. The foot is removable. The B5 flange can be replaced with a B14 face or other diameter B5 flanges noted on page 306.

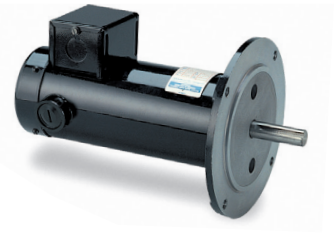
♥ Note listing on inside back flap

C/A - Check Availability
Specifications are subject to change without notice

View On-line Technical Information

DC Motors

Sub-FHP - SCR Rated



General Specifications:

Precision subfractional horsepower DC permanent magnet motors designed for use with full wave non-filtered SCR controls for adjustable speed applications requiring dynamic braking and constant torque throughout the speed range.

Features:

- Compact, space saving design
- Ball bearing construction
- Long life brushes
- External access to brushes allows for easy replacement further prolonging motor life
- Conduit box standard on 31 and 34 frame models
- Continuous duty with full wave un-filtered rectified SCR (thyristor) controls
- Linear speed torque characteristics throughout the speed range
- High starting torques
- Reversible rotation

90 & 180 Volt - TENV/TEFC - Square Flange or C Face

HP	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	♥Notes
1/25	3500	25AS	M1110014.00	√	290	980.533	3	90	115	0.5	S, US, 12
	1750	25CS	M1110003.00	√	300	980.535	3	90	115	0.5	S, US, 12
1/15	3500	25CS	M1110015.00	√	310	980.539	5	90	115	0.7	S, US, 12
	1750	31BS	M1120013.00	√	322	M31D17NZ1	5	90	115	0.8	S, US, 12
	1750	31BS	M1120039.00	√	322	M31D17NZ5	7	180	230	0.4	S, US, 12
1/10	3500	31BS	M1120060.00	√	322	M31D35NZ4	5	90	115	1.3	S, US, 12
	1750	31CS	M1120014.00	√	381	M31D17NZ2	7	90	115	1.1	S, US, 12
	1750	31CS	M1120041.00	√	381	M31D17NZ7	7	180	230	0.6	S, US, 12
1/8	3500	31CS	M1120059.00	√	381	M31D35NZ3	6	90	115	1.5	S, US, 12
	1750	31ES	M1120027.00	√	412	M31D18NZ10	7	90	115	1.3	S, US, 12
	1750	31ES	M1120045.00	√	412	M31D17NZ11	7	180	230	0.7	S, US, 12
	1750	34D42CZ	M1130053.00	√	427	CM34D17NC5	8	90	115	1.4	S, US, 12
	1750	34D42CZ	M1130118.00	√	427	CM34D17NC8	7	180	230	0.7	S, US, 12
1/6	3500	31ES	M1120058.00	√	412	M31D35NZ6	9	90	115	1.9	S, US, 12
	1750	31GS	M1120042.00	√	416	M31D17NZ8	9	90	115	1.8	S, US, 12
	1750	31GS	M1120043.00	√	416	M31D17NZ9	11	180	230	0.9	S, US, 12
	1750	34E56C	M1130054.00	√	435	CM34D17NC6	11	90	115	1.7	S, US, 12
	1750	34E56C	M1130119.00	C/A	435	CM34D17NC9	11	180	230	0.9	S, US, 12
1/4	3500	31GS	M1120062.00	√	434	M31D35NZ5	9	90	115	2.6	S, US, 12
	1750	34G56C	M1130055.00	√	451	CM34D17FC2	13	90	115	2.7	S, US, 13
	1750	34G56C	M1130120.00	√	451	CM34D17FC4	13	180	230	1.3	S, US, 13

25 frame motors have provisions for an optional conduit box catalog number M1760000.00, see page 350.
Note 13 - TEFC
C/A = Check Availability

♥ Note listing on inside back flap

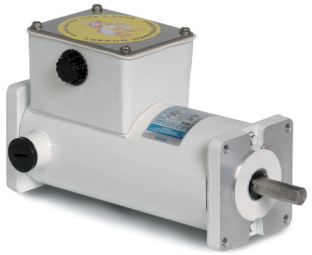
Specifications are subject to change without notice

View On-line Technical Information

Application Notes:
LEESON Washguard® motors are designed for extended life in applications requiring regular washdown or otherwise wet environments. Washguard® motors retard the entrance of water. Extra protection for the motor's interior prevents rust and corrosion build-up and releases trapped moisture to insure a longer life than possible with a standard motor.

General Specifications:
Precision subfractional horsepower DC permanent magnet motors. Designed for use with fullwave nonfiltered SCR controls or battery supplied low voltage for adjustable speed applications requiring constant torque throughout the speed range.

Features:
- 303 Stainless steel shaft resists corrosion
- Lubricated spring loaded contact seals prevent moisture from entering the motor
- Double sealed, oversize bearings with high temp lubricant
- Exterior and interior components protected against moisture,acids, alkalies and oil
- Cast conduit box for superior sealing includes:
  - Threaded entrance
  - Drain holes
  - Nitrile gaskets
- 304 stainless steel conduit box cover
- Stainless steel hardware
- USDA approved white epoxy finish
- Nylon seals at bolt heads for superior sealing
- O ring sealed brush covers



90 Volt - TENV - Square Flange or C Face

HP	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	♥Notes
1/8	1750	31S	M1120181.00	√	516	CM31D17V21	11	90	115	1.5	S, US
1/6	1750	31S	M1120183.00	√	523	CM31D17V23	11	90	115	1.9	S, US
1/4	2500	32F42CZ	M1120185.00	√	569	CM32D25VC1	13	90	115	1.9	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

12 Volt - TENV - Square Flange or C Face

HP	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	F. L. Amps DC	♥Notes
1/8	1750	31S	M1120182.00	√	537	CM31D17VZ2	7	12	11	S, US
1/6	1750	31S	M1120184.00	√	544	CM31D17VZ4	11	12	15	S, US
1/4	2500	32F42CZ	M1120186.00	√	591	CM32D25VC2	13	12	20	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

DC Motors

METRIC (IEC) Frame - SCR Rated - IP54

Application Notes:
Please note that one or more of the mounting kits must be used with IEC motors of these frame sizes. See listing on next page for B5 flange and B14 face kits. B3 rigid base kits are listed below.

General Specifications:
- Built to IEC 34-1 Electrical and Mechanical standards
- IEC 63 and smaller frames supplied with an integral B5 Flange or B14 face
- Optional B3 Rigid base kit available
- IEC 71 frame and larger can be field modified for B3 Rigid Base, B5 Flange, or B14 face construction using conversion kits
- Tachometer mounting kits available for 71 and 80 frames only

Features:
- Cast aluminum conduit box
- Terminal board provided for connections
- All Metric fasteners
- Easy brush access for field service
- Oversize brushes for extended life
- High strength rolled steel frame
- Die cast aluminum endshields with steel bearing inserts
- Permanently lubricated sealed ball bearings
- Reversible rotation
- Simple 2 lead connection
- Convenient wiring access
- Tachometer mounting kits available for 71 and 80 frames only

180 Volts - Totally Enclosed - B5 Flange

HP/kW	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
0.06/1/12	1800	56	M1130146.00	C/A	462	CIM34D18ND1	8	180	230	0.5	6.24	S, US, 12
0.09/1/8	3000	56	M1130150.00	√	462	CIM34D30ND1	9	180	230	0.7	6.74	S, US, 12
	1800	56	M1130147.00	√	495	CIM34D18ND2	10	180	230	0.7	7.55	S, US, 12
0.12/1/6	3000	56	M1130151.00	√	479	CIM34D30ND2	9	180	230	0.9	7.55	S, US, 12
	1800	63	M1130148.00	√	567	CIM34D18FD1	7	180	230	0.9	8.30	S, US, 13
0.18/1/4	3000	63	M1130152.00	√	523	CIM34D30ND3	11	180	230	1.3	8.78	S, US, 12
	1800	63	M1130149.00	√	608	CIM34D18FD2	13	180	230	1.3	9.50	S, US, 13
0.25/1/3	3000	63	M1130153.00	√	580	CIM34D30FD1	11	180	230	1.7	9.50	S, US, 13

These motors have accommodations for B3 base mountings with the kits listed on page 310.
Note 12 - TENV
C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

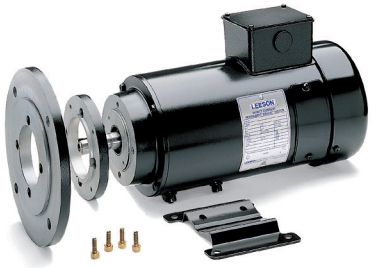
View On-line Technical Information

180 volts - Totally Enclosed - B14 Flange

HP/kW	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
0.06/1/12	3000	56	M1110024.00	√	413	980.542	6	180	230	0.4	6.34	S, US, 12
	1800	56	M1130136.00	√	462	CIM34D18NC5	8	180	230	0.5	6.24	S, US, 12
0.09/1/8	3000	56	M1130140.00	√	462	CIM34D30NC1	9	180	230	0.7	6.74	S, US, 12
	1800	56	M1130137.00	√	495	CIM34D18NC6	14	180	230	0.7	7.55	S, US, 12
0.12/1/6	3000	56	M1130141.00	√	479	CIM34D30NC2	10	180	230	0.9	7.55	S, US, 12
	1800	63	M1130138.00	√	567	CIM34D18FC1	8	180	230	0.9	8.30	S, US, 13
0.18/1/4	3000	63	M1130142.00	√	523	CIM34D30NC3	10	180	230	1.3	8.78	S, US, 12
	1800	63	M1130139.00	√	608	CIM34D18FC2	10	180	230	1.3	9.50	S, US, 13
0.25/1/3	3000	63	M1130143.00	√	580	CIM34D30FC1	10	180	230	1.7	9.50	S, US, 13

Except for M1110024.00, these motors have accommodations for B3 base mountings with kits - see page 310.
Note 12 - TENV
Specifications are subject to change without notice

♥ Note listing on inside back flap



TEFC - SCR Rated 180 Volts - Round Body

HP/kW	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
0.25/1/3	1800	71	098014.00	√	605	42D17FT1	23	180	230	1.7	11.28	S, US
0.37/1/2	3000	71	098016.00	√	646	42D34FT1	21	180	230	2.5	10.78	S, US
	1800	71	098015.00	√	686	42D17FT2	26	180	230	2.5	11.78	S, US
0.55/3/4	3000	71	098017.00	√	743	42D34FT2	24	180	230	3.6	11.78	S, US
	1800	80	108369.00	√	849	4D17FT1	34	180	230	3.5	14.64	S, US
0.75/1	3000	80	108372.00	√	849	4D34FT1	45	180	230	4.9	14.64	S, US
	1800	80	108370.00	√	1,049	4D17FT2	48	180	230	4.6	17.14	S, US
1.1/11/2	3000	80	108373.00	√	940	4D34FT2	47	180	230	7.1	16.14	S, US
	1800	80	108371.00	√	1,384	4D17FT3	52	180	230	7.0	17.14	S, US
	1800	90L	118007.00	√	2,061	CI6D17FT1	64	180	230	7.5	18.97	S, US
1.5/2	3000	90L	118009.00	√	2,061	CI6D34FT1	72	180	230	10.0	18.47	S, US
	1800	90L	118008.00	√	2,473	CI6D17FT2	84	180	230	9.5	20.47	S, US
2.2/3	3000	90L	118010.00	√	2,473	CI6D34FT2	82	180	230	16.0	19.47	S, US
	1800	112M	118014.00	√	3,452	CI6D17FK1	90	180	230	14.0	21.79	S, US

IMPORTANT: These round body motors require either a B3 rigid base, B14 face or B5 flange kit - see page 310. Catalog number 118014.00 comes complete with IEC 112 B14 face and B3 foot; shaft diameter is 24mm.

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

DC Motors

Metric (IEC) Frame - SCR Rated

(For DC Metric Motors Only)

All motors are stocked with provisions to accommodate B3 foot mountings with the packages noted below.

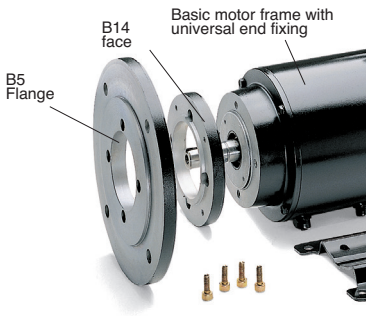
B3 Foot Mounting Kits

IEC Frame	Catalog Number	List Price
56	175142.00	66
63	175143.00	66
71	175144.00	72
80	175145.00	78
80	175784.00†	78
90	175146.00	50

† For endshield mounted brush cover motors

Flange Kits

Flange and face kits for DC Metric (IEC) frame motors
An advantage of LEESON'S modular design concept is the possible use of a different diameter B5 flange or B14 face than is normally assigned to a motor by IEC dimensional standards. This flexibility makes it possible to accommodate a wide variety of gear reducers, pumps and similar close coupled motor mounted loads.



B5 Flange Kits (For DC Metric Motors Only)

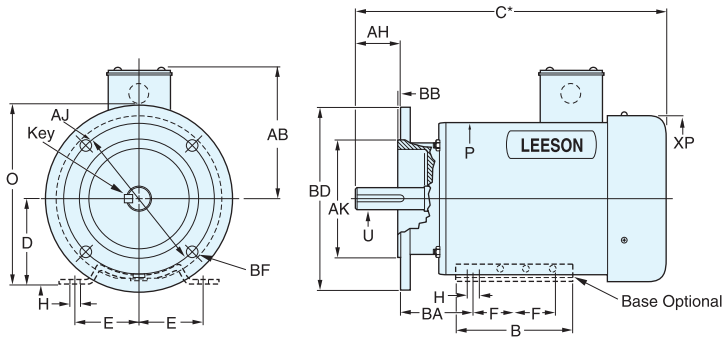
IEC Frame	Catalog Number	List Price	App. Wgt. (lbs)	AK Register (mm)	BF Hole (mm)	AJ Bolt Circle (mm)	BD Flange Dia. (mm)
71	175106.00	82	2	110	9	130	160
80	175108.00	82	3	130	12	165	200
90S/90L	175108.00	82	3	130	12	165	200
100L/112M	175137.00	200	5	180	15	215	250

Specifications are subject to change without notice

B14 Face Kits (For DC Metric Motors Only)

IEC Frame	Catalog Number	List Price	App. Wgt. (lbs)	AK Register (mm)	BF Hole (mm)	AJ Bolt Circle (mm)	BD Flange Dia. (mm)
71	175107.00	82	1	70	6	85	105
80	175109.00	82	1	80	6	100	120
90S/90L	175129.00	82	1	95	6	115	140
100L/112M	175130.00	200	2	110	6	130	160

Specifications are subject to change without notice



*For overall length, see motor listing.

IEC Frame Dimensions (Millimeters)

IEC Frame	Mounting					Shaft						B14 Face/B5 Flange					General			
	2E	2F	BA	D	H	U	AH✧	KEY	S	R	TAP	AJ	AK	BD	BF	BB	AB	XP	B	O
56	90	71	36	56	6	9	20	15	3	7.0	M3	65 100	50 80	80 120	M5 7	2.5 2.5	83	96	90	99
63	100	80	40	63	7	11	23	19	4	9.0	M4	75 115	60 95	90 140	M5 9	2.5 3.0	116	96	96	108
71	112	90	45	71	7	14	30	26	5	11.5	M5	85 130	70 110	105 160	M6 9	2.5 3.5	114	130	105	132
80	125	100	50	80	10	19	40	33	6	16.0	M6	100 165	80 130	120 200	M6 12	3.0 3.5	124	149	127	151
90S	140	100	56	90	10	24	50	36	8	20.5	M8	115 165	95 130	140 200	M8 12	3.0 3.5	135	182	152	173
90L	140	125	56	90	10	24	50	36	8	20.5	M8	115 165	95 130	140 200	M8 12	3.0 3.5	135	182	152	173
100L	160	140	63	100	12	28	60	41	8	24.5	M10	130 215	110 180	160 250	M8 15	3.5 4.0	135	182	176	173
112M	190	140	70	112	12	28	60	41	8	24.5	M10	130 215	110 180	160 250	M8 15	3.5 4.0	162	231	176	225

✧ Without face or flange AH shaft dimension is 12mm longer.

Specifications are subject to change without notice

DC Motors

NEMA Frame - Low Voltage 12, 24, 36 & 48 VOLTS

General Specifications:

- Low voltage PMDC design suitable for battery, solar powered or generator supplied low voltage applications

Features:

- Oversized brushes for long life
- External access to brushes allows for easy replacement further prolonging motor life
- Heavy-duty, stamped steel, bolt on base (Removable)
- NEMA C face mounting flange at no additional cost
- High strength rolled steel frame
- Rugged die cast endshields with steel bearing inserts
- Permanently lubricated sealed ball bearings
- Convert to NEMA 48 frame base dimensions or NEMA 42/48 frame C face dimensions with modification kits shown below
- High starting torques for heavy load applications
- Linear speed torque characteristics throughout the speed range
- Capable of dynamic braking for faster stops
- Reversible rotation
- Simple two lead connection

12, 24, 36 & 48 Volts - TENV / TEFC - C Face With Removable Base

HP	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/4	1800	S56C	108045.00	√	693	4D17NK5	21	12	21.0	10.27	S, US, 12, 15
1/3	1800	S56C	108046.00	√	762	4D17NK6	24	12	27.0	10.77	S, US, 12, 15
	1800	S56C	108050.00	√	730	4D17NK9	22	24	13.5	10.77	S, US, 12, 15
1/2	1800	S56C	108047.00	√	793	4D17NK7	29	12	39.0	11.77	S, US, 12, 15
	1800	S56C	108051.00	√	756	4D17NK10	29	24	20.0	11.77	S, US, 12, 15
	1800	SS56C	098381.00	√	720	42D18FK6	29	36	13.5	10.81	S, US
	1800	SS56C	098382.00	√	696	42D18FK7	29	48	11.0	10.81	S, US
3/4	1800	S56C	108048.00	√	874	4D17FK7	30	12	58.0	13.82	S, US, 35
	1800	S56C	108052.00	√	792	4D17FK8	30	24	29.0	12.82	S, US
1	1800	S56C	108322.00	√	1,042	4D17FK28	39	12	80.0	13.81	S, US, 35
	1800	S56C	108053.00	√	959	4D17FK9	37	24	39.0	13.82	S, US, 35
	1800	S56C	109101.00	√	919	4D18FK1	37	36	25.5	13.81	S, US
	1800	S56C	109102.00	√	886	4D18FK2	37	48	18.5	13.81	S, US
1 1/2	1800	S56CZ	109103.00	√	1,399	4D18FK3	39	24	60.0	15.25	S, US, 35, 9
	1800	S56CZ	109104.00	√	1,382	4D18FK4	37	36	36.0	17.38	S, US, 35, 9
	1800	S56CZ	109105.00	√	1,334	4D18FK5	37	48	27.0	17.38	S, US, 35, 9
2	1800	S56CZ	109106.00	√	1,752	4D18FK6	42	24	70.0	16.74	S, US, 35, 9
	1800	S56CZ	109107.00	√	1,620	4D18FK7	42	36	49.0	16.74	S, US, 35, 9
	1800	S56CZ	109108.00	√	1,557	4D18FK8	42	48	38.0	16.74	S, US, 35, 9

If base is removed, do not reinstall bolts without using washers to compensate for thickness of base.
Note 12 - TENV

Note 15 - Built in conduit box
Note 35 - Terminal studs at 12:00
Specifications are subject to change without notice

♥ Note listing on inside back flap

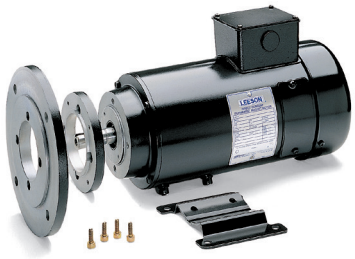
View On-line Technical Information

General Specifications:

- Built to IEC 34-1 electrical and mechanical standards
- IEC 63 and smaller frames supplied with an integral B5 Flange or B14 face
- Optional B3 Rigid base kit available
- IEC 71 frame and larger can be field modified for B3 Rigid Base, B5 Flange, or B14 face construction using conversion kits
- Tachometer mounting kits available for 71 and 80 frames only

Features:

- Cast aluminum conduit box
- Terminal board provided for connections
- All Metric fasteners
- Easy brush access for field service
- Oversize brushes for extended life
- High strength rolled steel frame
- Die cast aluminum endshields with Steel bearing inserts
- Permanently lubricated sealed ball bearings
- Reversible rotation
- Simple 2 lead connection
- Convenient wiring access
- Tachometer mounting kits available for 71 and 80 frames only



24 Volt - TEFC/TENV - Modular Design

HP/ kW	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	DC Voltage	F.L. Amps VDC	"C" Dim. (Inches)	♥Notes
0.06/1/12	3000	56	M1110025.00	√	377	980.543	5	24	3.3	5.34	S, US, 12, >
	1800	56	M1110026.00	√	425	980.544	6	24	3.4	6.34	S, US, 12, >
0.18/1/4	3000	63	M1130206.00	√	480	CIM34D30FD2	13	24	11.0	7.75	S, US, ♠
	3000	63	M1130296.00	√	480	CIM34D30FC7	9	24	11.0	7.75	S, US, >
	1800	63	M1130207.00	√	549	CIM34D18FD6	13	24	10.0	8.75	S, US, ♠
	1800	63	M1130297.00	√	549	CIM34D18FC10	9	24	10.0	8.75	S, US, >
	1800	71	098065.00	√	658	42D17FT6	19	24	11.0	10.77	S, US
0.37/1/2	3000	71	098066.00	√	680	42D34FT7	23	24	20.0	11.27	S, US
	1800	71	098067.00	√	720	42D17FT7	23	24	20.0	12.27	S, US
0.75/1	3000	80	108456.00	√	791	4D34FT5	33	24	40.0	14.14	S, US, 35
	1800	80	108455.00	√	924	4D17FT6	52	24	39.0	14.64	S, US, 35
1.1/11/2	3000	80	108457.00	√	878	4D34FT6	33	24	65.0	15.64	S, US, 35
1.5/2	3000	80	108458.00	√	1,010	4D34FT7	43	24	78.0	17.14	S, US, 35

Note 12 - TENV
Note 35 - Terminal bolts at 12:00
IMPORTANT: IEC 71 and 80 frame motors in this chart are round body and require either B14 face, B5 flange or B3 foot from kits shown on page 306.
Note ♠ - Dedicated B5 Flange
Note > - Dedicated B14 Face
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

DC Motors

SUB-FHP Low Voltage Motors

General Specifications:

- Low voltage PMDC design suitable for battery, solar powered or generator supplied low voltage applications

Features:

- Compact, space saving design
- Standard conduit box simplifies connections
- Ball bearing construction
- Long life brushes
- External access to brushes allows for easy replacement further prolonging motor life
- High starting torques
- Linear speed torque characteristics throughout the speed range
- Capable of dynamic braking for faster stops
- Reversible rotation
- Simple two lead connection
- Class F insulated with high temperature welded commutators.

12 & 24 Volts - TENV - Square Flange

HP	Full Load RPM	Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	F. L. Amps DC	♥Notes
1/20	1750	25CS	M1110006.00	√	274	980.536	3	12	4.4	S, US, *
1/10	4200							24	4.4	
1/14	1750	31AS	M1120040.00	√	322	M31D17NZ6	4	12	7.7	S, US
1/7	4200							24	7.7	
1/7	1750	31ES	M1120044.00	√	425	M31D17NZ10	9	12	13.0	S, US
1/4	3500							24	13.0	
1/6	1750	31GS	M1120046.00	√	450	M31D17NZ26	8	12	14.0	S, US
1/3	3900							24	14.0	

These motors may be operated at 12, 24V, or at intermediate voltages between 12 and 24V, within horsepower ranges noted.

♥ Note listing on inside back flap

Note * - Provision for optional conduit box - M1760000.00

Specifications are subject to change without notice

View On-line Technical Information

Features:

- Specially designed low voltage DC for use in OEM applications
- Combination of features and low cost make these ideal for many uses
- IP44(TENV) enclosure
- Dedicated B14 face mount
- Continuous duty
- Zinc plated steel frame construction

12, 24V & 90 Volt - TENV - B14 Mount

HP	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	F. L. Amps DC	♥Notes
1/15	3000	56	980.159	√	192	980.159	2.3	12	6.4	S, US
	3000	56	980.143	√	192	980.143	2.3	24	3.2	S, US
	3000	56	980.549	√	184	980.549	2.3	90	0.8	S, US
1/8	3000	56	970.600	√	222	970.600	3.0	12	12.0	S, US
	3000	56	970.601	√	222	970.601	3.0	24	5.3	S, US
	3000	56	970.576	√	222	970.576	3.0	90	1.2	S, US
1/6	3000	56	970.620	√	240	970.620	3.5	12	13.1	S, US
	3000	56	970.621	√	240	970.621	3.5	24	6.8	S, US
	3000	56	970.577	√	228	970.577	3.5	90	1.6	S, US

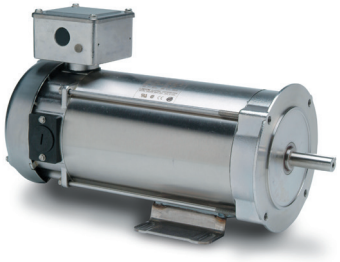
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

DC Motors - Washguard® Motors

NEMA and IEC Washguard® IP55
All-Stainless DC Motors - SCR Rated

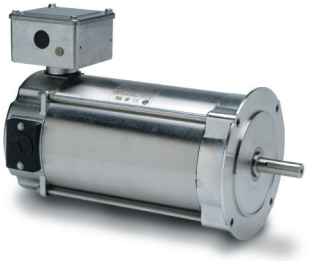


TEFC - SCR Rated 90 & 180V - NEMA - C Face With Base

HP	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/4	1750	S56C	109065.00	√	1,380	4D17VK24	38	90	115	3.1	11.81	S, US, 12
1/3	1750	S56C	109066.00	√	1,459	4D17VK25	44	90	115	3.8	12.81	S, US, 12
	1750	S56C	109067.00	√	1,459	4D17VK26	44	180	230	1.9	12.81	S, US, 12
1/2	1750	S56C	109069.00	√	1,705	4D17WK9	46	90	115	5.2	13.87	S, US, 13
	1750	S56C	109070.00	√	1,705	4D17WK10	46	180	230	2.7	13.87	S, US, 13
3/4	1750	S56C	109072.00	√	2,076	4D17WK13	47	90	115	7.5	15.37	S, US, 13
	1750	S56C	109073.00	√	2,076	4D17WK14	48	180	230	3.7	15.37	S, US, 13
1	1750	S56C	109075.00	√	2,408	4D17WK16	51	90	115	9.5	16.37	S, US, 13
	1750	S56C	109076.00	√	2,408	4D17WK17	50	180	230	5.0	16.37	S, US, 13

Base is welded to frame and not removable
Note 12 - TENV
Specifications are subject to change without notice

♥ Note listing on inside back flap



TEFC - SCR Rated 90 & 180V - NEMA - C Face Less Base

HP	Full Load RPM	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/4	1750	S56C	109078.00	√	1,347	4D17VC5	38	90	115	3.1	11.81	S, US, 12
1/3	1750	S56C	109079.00	√	1,427	4D17VC6	44	90	115	3.8	12.81	S, US, 13
	1750	S56C	109080.00	√	1,427	4D17VC7	44	180	230	1.9	12.81	S, US, 13
1/2	1750	S56C	109082.00	√	1,673	4D17WC2	46	90	115	5.2	13.87	S, US, 13
	1750	S56C	109083.00	√	1,673	4D17WC3	46	180	230	2.7	13.87	S, US, 13
3/4	1750	S56C	109085.00	√	2,044	4D17WC5	47	90	115	7.5	15.37	S, US, 13
	1750	S56C	109086.00	C/A	2,044	4D17WC6	48	180	230	3.7	15.37	S, US, 13
1	1750	S56C	109088.00	√	2,378	4D17WC8	51	90	115	9.5	16.37	S, US, 13
	1750	S56C	109089.00	√	2,378	4D17WC9	50	180	230	5.0	16.37	S, US, 13

C/A - Check Availability
Note 12 - TENV
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

TEFC - SCR Rated 90 & 180V - All Stainless Steel - C Face With Base

HP/kW	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/3 - 0.25	1750	80D	109068.00	√	1,459	4D17VK27	44	180	230	1.9	12.81	S, US, 12
1/2 - 0.37	1750	80D	109071.00	√	1,705	4D17WK11	46	180	230	2.7	13.87	S, US, 13
3/4 - 0.55	1750	80D	109074.00	√	2,076	4D17WK15	48	180	230	3.7	15.37	S, US, 13
1 - 0.75	1750	80D	109077.00	√	2,408	4D17WK18	50	180	230	5.0	16.37	S, US, 13

Note 12 - TENV
Base is welded to frame and not removable
Specifications are subject to change without notice

♥ Note listing on inside back flap

TEFC - SCR Rated 90 & 180V - Metric (IEC) - All-Stainless Steel - C Face Less Base

HP/kW	Full Load RPM	IEC Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Arm. Volts DC	Control Volts AC Input	F. L. Amps DC	"C" Dim. (Inches)	♥Notes
1/3 - 0.25	1750	80D	109081.00	√	1,427	4D17VC8	44	180	230	1.9	12.81	S, US, 12
1/2 - 0.37	1750	80D	109084.00	√	1,673	4D17WC4	46	180	230	2.7	13.87	S, US, 13
3/4 - 0.55	1750	80D	109087.00	√	2,044	4D17WC7	48	180	230	3.7	15.37	S, US, 13
1 - 0.75	1750	80D	109090.00	√	2,378	4D17WC10	50	180	230	5.0	16.37	S, US, 13

Specifications are subject to change without notice
Note 12 - TENV

♥ Note listing on inside back flap

Flange And Face Kits for DC Metric (IEC) Frame Motors

The modular design concept of LEESON's other metric DC motors has been applied to the all-stainless metric motors. Any flange or face kit can mount on any motor. This allows the greatest flexibility from the smallest inventory of motors.

B5 Flange Kits (For Stainless DC Metric Motors)

IEC Frame	Catalog Number	List Price	App. Wgt. (lbs)	BD Flange Dia. (mm)	AK Register (mm)	BF Hole (mm)	AJ Bolt Circle (mm)
71	175593.00	184	2	110	9	130	160
80	175594.00	222	3	130	12	165	200
90S/90L	175594.00	222	3	130	12	165	200
100L/112M	175595.00	346	5	180	15	215	250

Specifications are subject to change without notice

♥ Note listing on inside back flap

B14 Flange Kits (For Stainless DC Metric Motors)

IEC Frame	Catalog Number	List Price	App. Wgt. (lbs)	BD Flange Dia. (mm)	AK Register (mm)	BF Hole (mm)	AJ Bolt Circle (mm)
71	175596.00	140	1	70	6	85	105
80	175597.00	140	1	80	6	100	120
90S/90L	175598.00	381	1	95	6	115	140
100L/112M	175599.00	346	2	110	6	130	160

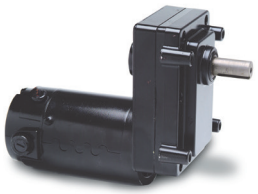
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Gearmotors

Quick Reference – Stock Sub-FHP Gearmotors

	AC Single & Three Phase	DC SCR & Low Voltage
Parallel Shaft PZ Series Gearmotors	Single Phase 115V 12-100 In-Lbs Output Torque Page 340 **BODINE/BISON/DAYTON DIRECT INTERCHANGE**	DC SCR 90 & 180V 10-100 In-Lbs Output Torque Low Voltage (12V) 36-100 In-Lbs torque Page 320
P240 & P300 Series Gearmotors	Single Phase 115/230V 43-391 In-Lbs Output Torque Page 342 **BISON/DAYTON DIRECT INTERCHANGE**	DC SCR 90 & 180V 27-353 In-Lbs Output Torque Low Voltage (12V) 113-353 In-Lbs torque Page 322
 OS300 Series Gearmotors		DC SCR 90V and Low Voltage (12V) Output Torque 130-268 In-Lbs Page 324
PE350 Series Gearmotors	Single Phase 115/230V 25-341 In-Lbs Output Torque Three Phase 230/460V 55-320 In-Lbs Output Torque Page 344 **BODINE DIRECT INTERCHANGE**	DC SCR 90 & 180V 25-371 In-Lbs Output Torque Low Voltage (12V) 155-341 In-Lbs torque Page 326
P1100 Series Gearmotors	Single Phase 115/230V 70-1105 In-Lbs Output Torque Three Phase 230/460V 70-1105 In-Lbs Output Torque Page 346 **BISON/DAYTON DIRECT INTERCHANGE**	DC SCR 90V 105-1112 In-Lbs Output Torque Low Voltage (12V) 320-1087 In-Lbs torque Page 328
Right-Angle Worm Type 10 & 13 Series Gearmotors	Single Phase 115/230V 14-113 In-Lbs Output Torque Page 348 **BODINE/DAYTON DIRECT INTERCHANGE**	DC SCR 90 & 180V 5-135 In-Lbs Output Torque Low Voltage (12V) 25-135 In-Lbs torque Page 330
Bravo Right Angle Worm Type 12 Series Gearmotors		DC SCR 90V and Low Voltage (12V) Output Torque 46-134 In-Lbs Page 332

LEESON®

Quick Reference – Stock Sub-FHP Washguard® Gearmotors

P300 Series Gearmotors

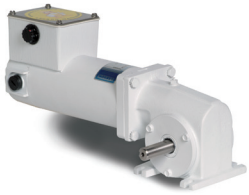
DC SCR 90V and Low Voltage (12V) Output Torque 44-353 In-Lbs

Page 335

PE350 Series Gearmotors

DC SCR 90V and Low Voltage (12V) Output Torque 25-341 In-Lbs

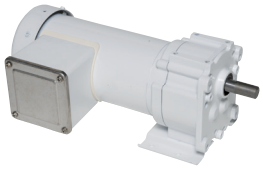
Page 337



Right-Angle 13 Series Gearmotors

DC SCR 90V and Low Voltage (12V) Output Torque 50-135 In-Lbs

Page 339



P240 Series Gearmotors

AC – Single Phase & Three Phase Washdown Duty 60-391 In-Lbs Output Torque

Page 343

BISON/DAYTON DIRECT INTERCHANGE

Right-Angle Worm Type 10 & 13 Series Gearmotors

AC – Single Phase & Three Phase Washdown Duty 23-220 In-Lbs Output Torque

Page 349

BODINE/DAYTON DIRECT INTERCHANGE

Stock Sub-FHP Three Phase Inverter Rated Gearmotors

Includes gearmotor series PZ, P240, PE350 and 13 series right-angle

Three Phase 230V 12-391 In-Lbs Output Torque

Page 352

Gearmotors

Parallel Shaft - PZ Series - DC

SCR Rated - 10-100 In-Lbs Torque
Low Voltage - 36-100 In-Lbs Torque

General Specifications - SCR Rated Gearmotors:

- Performance matched for continuous duty service over 60:1 speed range
- Constant torque throughout the range when powered by a full-wave unfiltered SCR-type adjustable speed control having a typical form factor of 1.3 to 1.4

General Specifications - Low Voltage Gearmotors:

- Performance matched for continuous duty service
- Designed for battery power or can be used with a low voltage controller with form factor up to 1.05

Features:

- Precision machined in-line steel gears
- First stage steel helical gear followed by spur-type gears
- Lubrication is permanent semi-fluid grease, reducing possibility of leakage
- Output shafts have needle bearings for high load capacities
- Shafts are hardened steel
- Optional conduit box and PZ gearmotor mounting bracket available, see page 342

Application Notes:

- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Motor's stall torque could exceed recommended full load torques. A current limiting device such as an SCR control should be used to prevent damage. This issue is even more critical for low voltage motors, typically no controller is used since motor is connected directly to a battery, so some type of current limit or fusing should be considered
- Overhung load capacities shown are at center of output shaft
- Model PZ gearmotors have the same mounting dimensions as Bodine model D and Z, Baldor/Boehm, Bison 100 gearmotors, and a number of Dayton gearmotors
- For additional information, see Bulletin 1830
- **Bodine/Baldor/Boehm/Bison/Dayton direct interchange**

SCR Rated - 10-100 In-Lbs Torque
Low Voltage - 36-100 In-Lbs Torque

90 & 180 Volts - TENV - PZ Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches)				♥Notes
												P	X	XL	XH	
4	40	1/40	M1115002.00	√	527	985.620	PZ5-30A	450	90	0.5	155	3.00	3.25	9.28	7.72	S, US
	40	1/40	M1125046.00	√	527	985.623	PZ5-30A	450	180	0.2	155	3.00	3.25	9.30	7.74	S, US
10	100	1/20	M1115001.00	√	527	985.621	PZ4-30E	180	90	0.5	155	3.00	3.25	9.28	7.72	S, US
	100	1/20	M1125047.00	C/A	527	985.624	PZ4-30A	180	180	0.3	155	3.00	3.25	9.30	7.74	S, US
20	100	1/20	M1115000.00	√	527	985.622	PZ4-30E	90	90	0.5	155	3.00	3.25	9.28	7.72	S, US
	100	1/20	M1125048.00	C/A	527	985.625	PZ4-30A	90	180	0.3	155	3.00	3.25	9.30	7.74	S, US
30	100	1/17	M1125002.00	√	573	985.627	PZ3-30B	60	90	0.8	155	3.00	2.68	8.74	7.18	S, US
	100	1/17	M1125037.00	√	573	985.635	PZ3-30B	60	180	0.4	155	3.00	2.68	8.74	7.18	S, US
60	56	1/17	M1125003.00	√	573	985.628	PZ3-30B	30	90	0.8	171	3.00	2.68	8.74	7.18	S, US
	56	1/17	M1125036.00	√	573	985.634	PZ3-30B	30	180	0.4	171	3.00	2.68	8.74	7.18	S, US
100	36	1/17	M1125004.00	√	573	985.626	PZ3-30B	18	90	0.8	171	3.00	2.68	8.74	7.18	S, US
	36	1/17	M1125035.00	√	573	985.631	PZ3-30B	18	180	0.4	171	3.00	2.68	8.74	7.18	S, US
150	24	1/17	M1125005.00	√	544	985.629	PZ2-30B	12	90	0.8	180	3.00	2.40	8.46	6.90	S, US
	24	1/17	M1125034.00	√	544	985.633	PZ2-30B	12	180	0.4	180	3.00	2.40	8.46	6.90	S, US
300	10	1/17	M1125006.00	√	544	985.630	PZ2-30B	6	90	0.8	180	3.00	2.40	8.46	6.90	S, US
	10	1/17	M1125033.00	√	544	985.632	PZ2-30B	6	180	0.4	180	3.00	2.40	8.46	6.90	S, US

C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

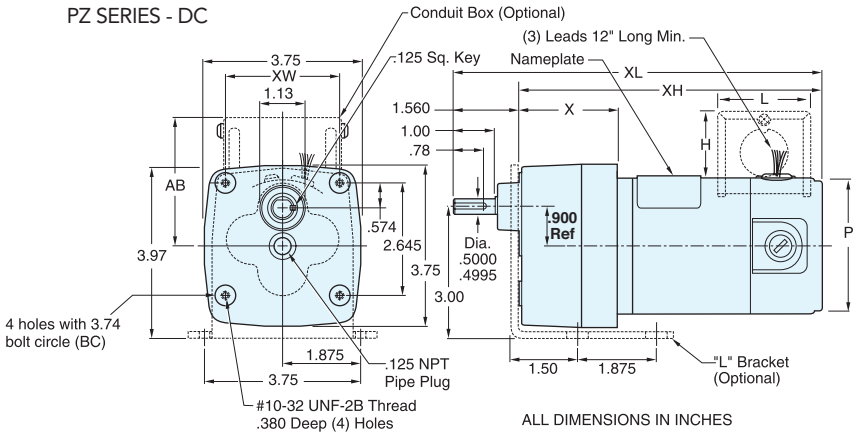
12 Volts - TENV - PZ Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches)				♥Notes
												P	X	XL	XH	
10	100	1/20	M1125213.00	√	583	985.653	PZ4-30	180	12	2.7	155	3.00	3.25	9.28	7.72	S, US
30	100	1/17	M1125214.00	√	619	985.654	PZ3-30	60	12	5.2	155	3.00	2.68	8.74	7.18	S, US
55	56	1/17	M1125215.00	√	619	985.655	PZ3-30	30	12	5.6	171	3.00	2.68	8.74	7.18	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

PZ SERIES - DC



ALL DIMENSIONS IN INCHES

Conduit Box Dimensions (IN)

Frame	XW	AB	H	L
30/31	2.63	3.47	1.90	3.13

View On-line Technical Information

Gearmotors

Parallel Shaft - P300 Series - DC

SCR Rated - 27-353 In-Lbs. Torque
Low Voltage - 113-353 In-Lbs Torque

General Specifications - SCR Rated Gearmotors:

- Performance matched for continuous duty service over 60:1 speed range
- Constant torque throughout the range when powered by a full-wave unfiltered SCR-type adjustable speed control having a typical form factor of 1.3 to 1.4

General Specifications - Low Voltage Gearmotors:

- Performance matched for continuous duty service
- Designed for battery power or can be used with a low voltage controller with form factor up to 1.05

Features:

- Precision machined in-line steel gears
- First stage steel helical gear followed by spur-type gears
- Lubrication is permanent semi-fluid grease, reducing possibility of leakage
- Output shafts have needle bearings for high load capacities
- Shafts are hardened steel
- Optional conduit box available, see page 350

Application Notes:

- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Motor's stall torque could exceed recommended full load torques. A current limiting device such as an SCR control should be used to prevent damage. This issue is even more critical for low voltage motors, typically no controller is used since motor is connected directly to a battery, so some type of current limit or fusing should be considered
- Overhung load capacities shown are at center of output shaft
- For additional information, see Bulletin 1830
- **Bison/Dayton direct interchange**

SCR Rated - 27-353 In-Lbs. Torque
Low Voltage - 113-353 In-Lbs Torque

90 & 180 Volts - TENV - P300 Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches) P	X	XL	XH	♥Notes
5	353	1/20	M1115024.00	√	755	985.602	P303-30E	336	90	0.5	565	3.00	3.54	10.07	8.57	S, US
9	268	1/20	M1115025.00	√	755	985.603	P303-30E	216	90	0.5	474	3.00	3.54	10.07	8.57	S, US
18	150	1/20	M1115026.00	√	755	985.604	P303-30E	103	90	0.5	385	3.00	3.54	10.07	8.57	S, US
20	140	1/20	M1125092.00	√	774	985.607	P303-31E	90	180	0.3	370	3.11	3.54	10.07	8.57	S, US
24	280	1/8	M1125069.00	√	774	985.611	P303-30E	76	90	1.3	353	3.00	3.54	11.54	10.04	S, US
31	220	1/8	M1125070.00	√	774	985.612	P303-30E	58	90	1.3	327	3.00	3.54	11.54	10.04	S, US
31	220	1/8	M1125038.00	√	774	985.617	P303-30E	58	180	0.7	327	3.00	3.54	11.54	10.04	S, US
34	82	1/20	M1115027.00	√	755	985.605	P303-30E	52	90	0.5	318	3.00	3.54	10.07	8.57	S, US
51	130	1/8	M1125071.00	√	712	985.615	P302-30E	35	90	1.3	277	3.00	3.54	11.54	10.04	S, US
51	130	1/8	M1125039.00	√	712	985.614	P302-30E	35	180	0.7	277	3.00	3.54	11.54	10.04	S, US
51	55	1/20	M1115028.00	√	695	985.606	P302-30E	35	90	0.5	281	3.00	3.54	10.07	8.57	S, US
61	113	1/8	M1125072.00	√	712	985.610	P302-30E	29	90	1.3	267	3.00	3.54	11.54	10.04	S, US
60	45	1/20	M1125093.00	√	712	985.609	P302-31E	29	180	0.3	267	3.11	3.54	10.07	8.57	S, US
94	77	1/8	M1125073.00	√	712	985.613	P302-30E	19	90	1.3	236	3.00	3.54	11.54	10.04	S, US
94	77	1/8	M1125040.00	√	712	985.618	P302-30E	19	180	0.7	236	3.00	3.54	11.54	10.04	S, US
109	27	1/20	M1115029.00	√	695	985.601	P302-30E	16	90	0.5	224	3.00	3.54	10.07	8.57	S, US
106	26	1/20	M1125094.00	C/A	695	985.608	P302-31E	16	180	0.3	222	3.11	3.54	10.07	8.57	S, US
167	43	1/8	M1125074.00	√	712	985.616	P302-30E	11	90	1.3	197	3.00	3.54	11.54	10.04	S, US
170	43	1/8	M1125041.00	√	712	985.619	P302-30E	11	180	0.7	196	3.00	3.54	11.54	10.04	S, US

C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

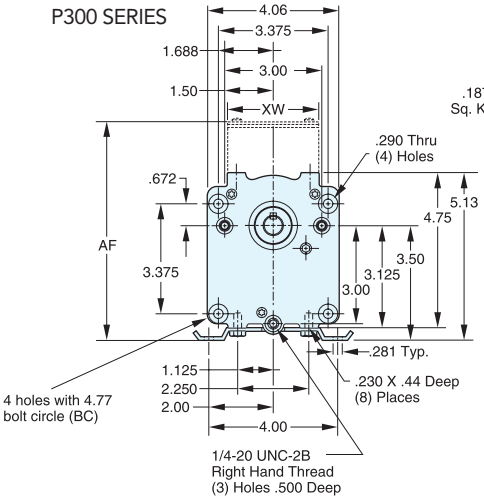
12 Volt - TENV - P300 Series

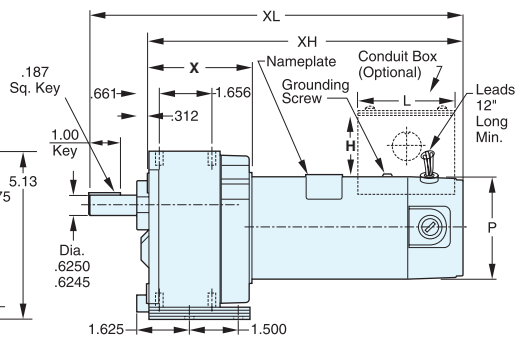
Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches) P	X	XL	XH	♥Notes
5	353	1/20	M1125217.00	√	774	985.657	P303-30	336	12	5.6	565	3.00	3.85	10.07	8.57	S, US
31	220	1/8	M1125218.00	√	793	985.658	P303-30	58	12	10.6	327	3.00	3.54	11.54	10.04	S, US
51	130	1/8	M1125219.00	√	729	985.659	P302-30	35	12	10.3	277	3.00	3.23	11.54	10.04	S, US
61	113	1/8	M1125220.00	√	729	985.660	P302-30	29	12	10.4	267	3.00	3.23	11.54	10.04	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

P300 SERIES





Conduit Box Dimensions (IN.)

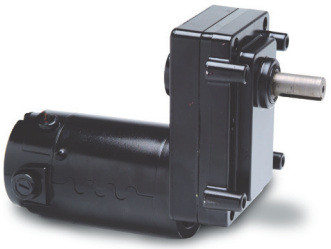
Frame	AF	XW	H	L
30/31	6.26	2.63	1.90	3.13

View On-line Technical Information

Gearmotors

Off-Set Shaft Gearmotors - OS300 Series - DC

SCR Rated - 130-268 In-Lbs. Torque
Low Voltage - 130-268 In-Lbs. Torque



General Specifications - SCR Rated Gearmotors:

- Performance matched for continuous duty service over 60:1 speed range
- Constant torque throughout the range when powered by a full-wave unfiltered SCR-type adjustable speed control having a typical form factor of 1.3 to 1.4

General Specifications - Low Voltage Gearmotors:

- Performance matched for continuous duty service
- Designed for battery power or can be used with a low voltage controller with form factor up to 1.05

Features:

- Precision machined in-line steel gears
- First stage steel helical gear followed by spur-type gears
- Lubrication is permanent semi-fluid grease, reducing possibility of leakage
- Output shafts have needle bearings for high load capacities
- Shafts are hardened steel
- Optional conduit box available, see page 350

Application Notes:

- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Motor's stall torque could exceed recommended full load torques. A current limiting device such as an SCR control should be used to prevent damage. This issue is even more critical for low voltage motors, typically no controller is used since motor is connected directly to a battery, so some type of current limit or fusing should be considered
- Overhung load capacities shown are at center of output shaft

SCR Rated - 130-268 In-Lbs. Torque
Low Voltage - 130-268 In-Lbs. Torque

90 Volts - TENV - OS300 Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches)				♥Notes
												P	X	XL	XH	
9	268	1/20	M1125251.00	C/A	637	985.692	OS303-30	210	90	0.5	474	3.00	2.81	4.5	8.52	S, US
19	150	1/20	M1125250.00	√	637	985.691	OS303-30	103	90	0.6	385	3.00	2.81	4.5	8.52	S, US
24	280	1/8	M1125249.00	√	653	985.690	OS303-30	76	90	1.3	353	3.00	2.81	6.42	10.45	S, US
31	220	1/8	M1125248.00	√	653	985.689	OS303-30	58	90	1.4	327	3.00	2.81	6.42	10.45	S, US
51	130	1/8	M1125247.00	√	653	985.688	OS303-30	35	90	1.4	277	3.00	2.81	6.42	10.45	S, US

C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

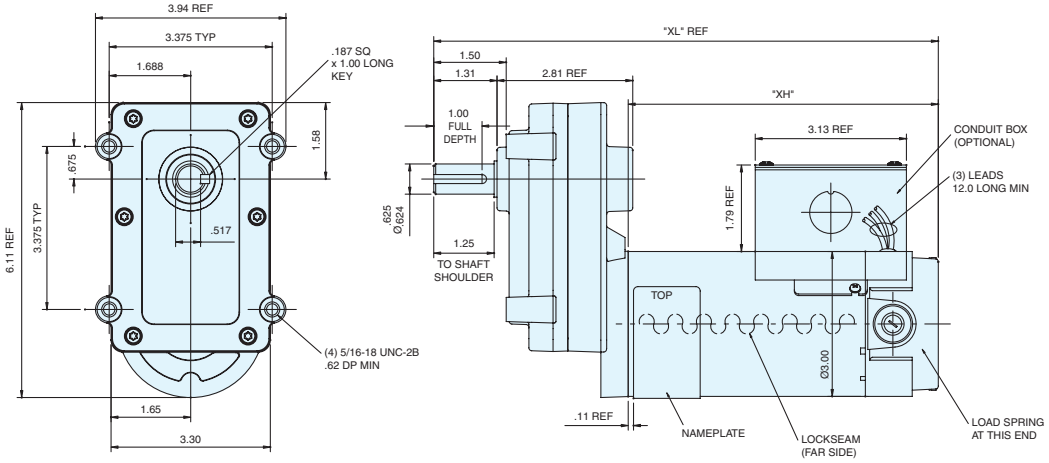
12 Volts - TENV - OS300 Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches)				♥Notes
												P	X	XL	XH	
9	268	1/20	M1125256.00	C/A	653	985.697	OS303-30	210	12	4.5	474	3.00	2.81	4.5	8.52	S, US
18	150	1/20	M1125255.00	C/A	653	985.696	OS303-30	103	12	5.0	385	3.00	2.08	4.5	8.52	S, US
24	280	1/8	M1125254.00	√	669	985.695	OS303-30	76	12	10.6	353	3.00	2.81	6.42	10.45	S, US
31	220	1/8	M1125253.00	√	669	985.694	OS303-30	58	12	10.6	327	3.00	2.81	6.42	10.45	S, US
51	130	1/8	M1125252.00	√	669	985.693	OS303-30	35	12	10.3	277	3.00	2.81	6.42	10.45	S, US

C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

OS300 SERIES



ALL DIMENSIONS IN INCHES

View On-line Technical Information

Gearmotors

PE350 Series - Parallel Shaft - DC

SCR Rated - 25-371 In-Lbs. Torque
Low Voltage - 155-341 In-Lbs Torque

General Specifications - SCR Rated Gearmotors:

- Performance matched for continuous duty service over 60:1 speed range
- Constant torque throughout the range when powered by a full-wave unfiltered SCR-type adjustable speed control having a typical form factor of 1.3 to 1.4

General Specifications - Low Voltage Gearmotors:

- Performance matched for continuous duty service
- Designed for battery power or can be used with a low voltage controller with form factor up to 1.05

Features:

- Rugged die cast aluminum gear housing for maximum gear and bearing support
- Precision machined gearing, hardened for maximum load capability
- All gearing designed and rated to AGMA class 9 standards, and to withstand momentary shock overload of 200%
- Oversized output bearings for greater overhung load capacity and long life
- High carbon alloy output shaft provides maximum strength and rigidity
- All needle bearing journals are precision ground after heat treating to provide maximum fit and finish
- Heavy duty industrial oil seals keep lubricant in and dirt out
- Gears and bearings are splash lubricated with permanent, heavy duty gear oil
- Optional conduit box available, see page 350

Application Notes:

- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Motor's stall torque could exceed recommended full load torques. A current limiting device such as an SCR control should be used to prevent damage. This issue is even more critical for low voltage motors, typically no controller is used since motor is connected directly to a battery, so some type of current limit or fusing should be considered
- Overhung load capacities shown are at center of output shaft
- **Bodine/Baldor direct interchange**

SCR Rated - 25-371 In-Lbs. Torque
Low Voltage - 155-341 In-Lbs Torque

90 & 180 Volts - TENV - PE350 Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches) XL	Dimensions (inches) XH	♥Notes
7	330	1/8	M1135106.00	√	763	M34D25NZ62	P353-34	336	90	0.7	565	11.31	9.31	S, US
	330	1/8	M1135139.00	√	763	M34D25NZ71	P353-34	336	180	0.4	565	11.31	9.31	S, US
14	341	1/8	M1135107.00	√	763	M34D25NZ61	P353-34	180	90	1.0	465	11.31	9.31	S, US
	341	1/8	M1135140.00	√	763	M34D25NZ72	P353-34	180	180	0.5	465	11.31	9.31	S, US
21	371	1/4	M1135117.00	√	799	M34D25NZ52	P353-34	124	90	1.1	413	13.31	11.31	S, US
	371	1/4	M1135141.00	√	799	M34D25NZ73	P353-34	124	180	0.6	413	13.31	11.31	S, US
27	305	1/4	M1135115.00	√	799	M34D25NZ51	P353-34	91	90	1.5	374	13.31	11.31	S, US
	305	1/4	M1135142.00	√	799	M34D25NZ74	P353-34	91	180	0.8	374	13.31	11.31	S, US
42	280	1/4	M1135108.00	√	799	M34D25NZ53	P353-34	58	90	2.3	327	13.31	11.31	S, US
	280	1/4	M1135143.00	√	799	M34D25NZ75	P353-34	58	180	1.2	327	13.31	11.31	S, US
50	250	1/4	M1135109.00	√	799	M34D25NZ54	P353-34	50	90	2.3	315	13.31	11.31	S, US
	250	1/4	M1135144.00	√	799	M34D25NZ76	P353-34	50	180	1.2	315	13.31	11.31	S, US
62	220	1/4	M1135110.00	√	799	M34D25NZ55	P353-34	43	90	2.3	303	13.31	11.31	S, US
	220	1/4	M1135145.00	√	799	M34D25NZ77	P353-34	43	180	1.2	303	13.31	11.31	S, US
83	155	1/4	M1135114.00	√	755	M34D25NZ57	P352-34	29	90	2.3	267	13.31	11.31	S, US
	155	1/4	M1135146.00	√	755	M34D25NZ78	P352-34	29	180	1.2	267	13.31	11.31	S, US
125	100	1/4	M1135111.00	√	755	M34D25NZ56	P352-34	23	90	2.0	256	13.31	11.31	S, US
	100	1/4	M1135147.00	√	755	M34D25NZ79	P352-34	23	180	1.0	256	13.31	11.31	S, US
165	70	1/4	M1135112.00	√	755	M34D25NZ58	P352-34	15	90	2.0	232	13.31	11.31	S, US
	70	1/4	M1135148.00	√	755	M34D25NZ80	P352-34	15	180	1.0	232	13.31	11.31	S, US
250	45	1/4	M1135116.00	√	755	M34D25NZ60	P352-34	10	90	2.0	201	13.31	11.31	S, US
	45	1/4	M1135149.00	√	755	M34D25NZ81	P352-34	10	180	1.0	201	13.31	11.31	S, US
500	25	1/4	M1135113.00	√	755	M34D25NZ59	P352-34	5	90	2.0	194	13.31	11.31	S, US
	25	1/4	M1135150.00	√	755	M34D25NZ82	P352-34	5	180	1.0	194	13.31	11.31	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

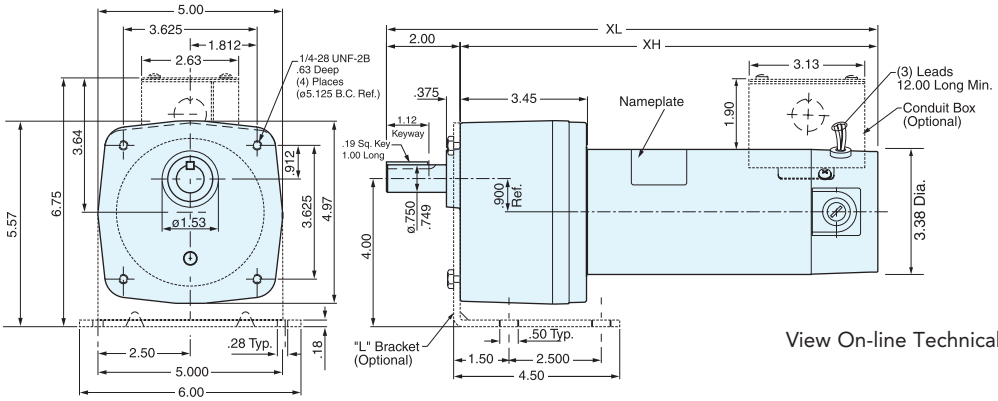
12 Volts - TENV - PE350 Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches) XL	Dimensions (inches) XH	♥Notes
14	341	1/8	M1135243.00	√	778	M34D25NZ154	P353-34	180	12	8.7	465	11.05	9.05	S, US
42	325	1/4	M1135244.00	√	816	M34D25NZ155	P353-34	58	12	21.0	327	13.31	11.31	S, US
62	220	1/4	M1135245.00	√	816	M34D25NZ156	P353-34	43	12	21.0	303	13.31	11.31	S, US
83	155	1/4	M1135246.00	√	774	M34D25NZ157	P352-34	29	12	21.0	267	13.31	11.31	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

PE350 SERIES - DC



ALL DIMENSIONS IN INCHES

View On-line Technical Information

Gearmotors

Parallel Shaft - P1100 Series - DC

SCR Rated - 105-1112 In-Lbs. Torque
Low Voltage - 320-1087 In-Lbs. Torque

General Specifications - SCR Rated Gearmotors:

- Performance matched for continuous duty service over 60:1 speed range
- Constant torque throughout the range when powered by a full-wave unfiltered SCR-type adjustable speed control having a typical form factor of 1.3 to 1.4

General Specifications - Low Voltage Gearmotors:

- Performance matched for continuous duty service
- Designed for battery power or can be used with a low voltage controller with form factor up to 1.05

Features:

- Rugged die cast aluminum gear housing for maximum gear and bearing support
- Precision machined gearing, hardened for maximum load capability
- All gearing designed and rated to AGMA class 9 standards, and to withstand momentary shock overload of 200%
- Oversized output bearings for greater overhung load capacity and long life
- High carbon alloy output shaft provides maximum strength and rigidity
- All needle bearing journals are precision ground after heat treating to provide maximum fit and finish
- Heavy duty industrial oil seals keep lubricant in and dirt out
- Gears and bearings are splash lubricated with permanent, heavy duty gear oil
- Conduit box included as standard

Application Notes:

- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Motor's stall torque could exceed recommended full load torques. A current limiting device such as an SCR control should be used to prevent damage. This issue is even more critical for low voltage motors, typically no controller is used since motor is connected directly to a battery, so some type of current limit or fusing should be considered
- Overhung load capacities shown are at center of output shaft
- For additional information, see Bulletin 1830
- **Bison/Dayton direct interchange**

SCR Rated - 105-1112 In-Lbs. Torque
Low Voltage - 320-1087 In-Lbs. Torque

90 Volts - Totally Enclosed - Rigid Base - P1100 Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches) XL	Dimensions (inches) XH	♥Notes
8	1087	1/4	108700.00	√	1,300	4D17NZ17	P1103-48	212	90	2.7	700	14.24	12.74	S, US, 12
12	1030	1/4	108701.00	√	1,300	4D17NZ18	P1103-48	143	90	2.7	700	14.24	12.74	S, US, 12
18	750	1/4	108702.00	√	1,300	4D17NZ19	P1103-48	95	90	2.7	700	14.24	12.74	S, US, 12
42	353	1/4	108703.00	√	1,268	4D17NZ20	P1102-48	42	90	2.7	650	14.24	12.74	S, US, 12
60	238	1/4	108704.00	√	1,268	4D17NZ21	P1102-48	29	90	2.7	625	14.24	12.74	S, US, 12
92	160	1/4	108705.00	√	1,268	4D17NZ22	P1102-48	19	90	2.7	575	14.24	12.74	S, US, 12
135	105	1/4	108706.00	√	1,268	4D17NZ23	P1102-48	13	90	2.7	525	14.24	12.74	S, US, 12
18	1112	1/2	108707.00	√	1,405	4D17FZ23	P1103-48	95	90	5.0	700	16.49	14.99	S, US
33	822	1/2	108708.00	√	1,405	4D17FZ24	P1103-48	53	90	5.0	650	16.49	14.99	S, US
42	705	1/2	108709.00	√	1,379	4D17FZ25	P1102-48	42	90	5.0	650	16.49	14.99	S, US
60	476	1/2	108710.00	√	1,379	4D17FZ26	P1102-48	29	90	5.0	625	16.49	14.99	S, US
92	320	1/2	108711.00	√	1,379	4D17FZ27	P1102-48	19	90	5.0	575	16.49	14.99	S, US
135	210	1/2	108712.00	√	1,379	4D17FZ28	P1102-48	13	90	5.0	525	16.49	14.99	S, US

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

12 Volts - Totally Enclosed - Rigid Base - P1100 Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches) XL	Dimensions (inches) XH	♥Notes
8	1087	1/4	108729.00	√	1,328	4D17NZ43	P1103-48	212	12	21.0	700	13.74	12.24	S, US, 12
60	238	1/4	108730.00	√	1,299	4D17NZ44	P1102-48	29	12	21.0	625	13.74	12.24	S, US, 12
42	705	1/2	108731.00	√	1,405	4D17FZ52	P1102-48	42	12	40.0	650	15.99	14.49	S, US
92	320	1/2	108732.00	C/A	1,405	4D17FZ53	P1102-48	19	12	40.0	575	15.99	14.49	S, US

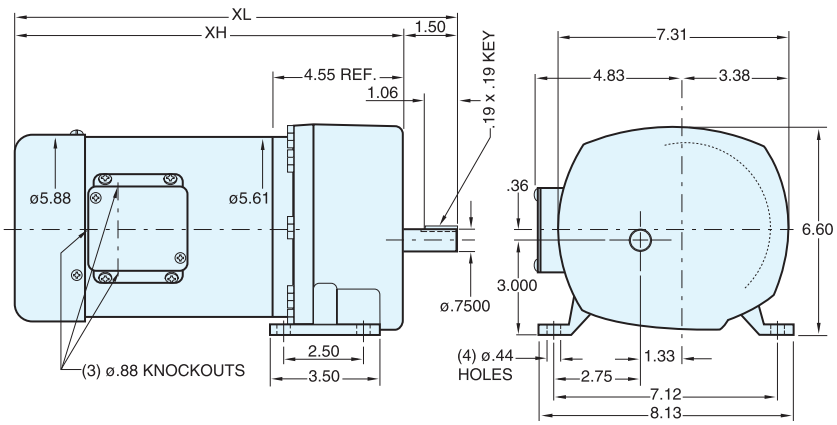
C/A - Check Availability

Note 12 - TENV

♥ Note listing on inside back flap

Specifications are subject to change without notice

P1100 SERIES - DC



ALL DIMENSIONS IN INCHES

View On-line Technical Information

Gearmotors

Right-Angle DC Gearmotors

SCR Rated - 5-135 In-Lbs. Torque
Low Voltage - 25-135 In-Lbs. Torque

General Specifications - SCR Rated Gearmotors:

- Performance matched for continuous duty service over 60:1 speed range
- Constant torque throughout the range when powered by a full-wave unfiltered SCR-type adjustable speed control having a typical form factor of 1.3 to 1.4

General Specifications - Low Voltage Gearmotors:

- Performance matched for continuous duty service
- Designed for battery power or can be used with a low voltage controller with form factor up to 1.05

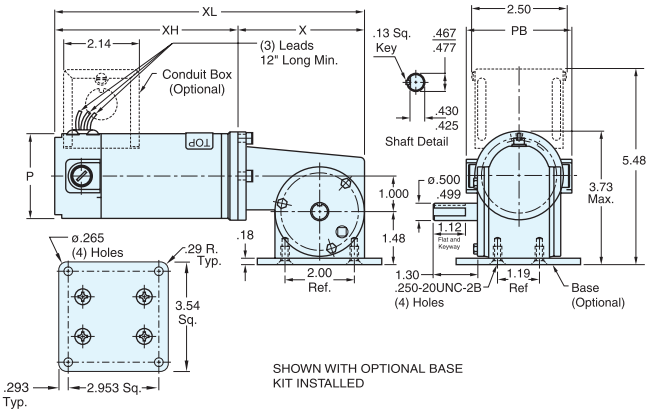
Features:

- Worm-type right-angle gearing features hardened, steel worm with bronze worm wheel for long life and quiet operation
- Precision machined aluminum gear housing
- Lubrication is permanent with an oil bath
- Gearbox has all ball bearings
- Output shaft is field interchangeable from left hand to right hand style by reassembly
- Double output shaft available as a factory option
- Optional conduit box available, see page 350
- Optional gearbox base available (10 Series only), see page 350

Application Notes:

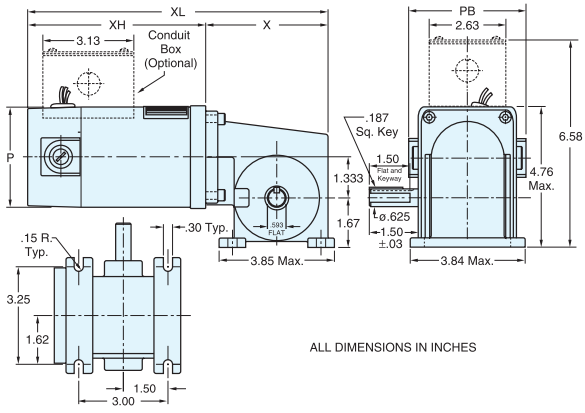
- These right-angle gearmotors have a lubrication breather positioned for horizontal mounting. For other mountings, the breather plug must be reoriented by using a 90 deg 1/8" NPT taper pipe elbow (See drawing). Elbow not available from LEESON
- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Overhung load capacities shown are at center of output shaft
- For additional information, see Bulletin 1830

10 SERIES - DC



SHOWN WITH OPTIONAL BASE KIT INSTALLED

13 SERIES - DC



ALL DIMENSIONS IN INCHES

90 & 180 Volts - TENV - Right-Angle

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches)					♥Notes
												P	PB	X	XL	XH	
42	22	1/17	M1115018.00	√	591	985.504	10F60-25D	60	90	0.9	185	2.50	3	3.6	8.79	5.19	S, US
62	19	1/17	M1115019.00	√	591	985.505	10F40-25D	40	90	0.9	185	2.50	3	3.6	8.79	5.19	S, US
125	16	1/17	M1115020.00	√	591	985.506	10F20-25D	20	90	0.9	185	2.50	3	3.6	8.79	5.19	S, US
250	10	1/17	M1115021.00	√	591	985.509	10F10-25D	10	90	1.0	185	2.50	3	3.6	8.79	5.19	S, US
500	5	1/17	M1115022.00	√	591	985.507	10F05-25D	5	90	1.0	185	2.50	3	3.6	8.79	5.19	S, US
42	30	1/12	M1135053.00	√	591	M34D25NZ30	13F60-34A	60	180	0.5	235	3.38	4	4.5	9.64	5.14	S, US
62	35	1/12	M1135054.00	C/A	591	M34D25NZ31	13F40-34A	40	180	0.5	235	3.38	4	4.5	9.64	5.14	S, US
125	18	1/12	M1135055.00	√	591	CM34D25NZ32	13F20-34A	20	180	0.5	235	3.38	4	4.5	9.64	5.14	S, US
250	10	1/12	M1135056.00	C/A	591	M34D25NZ47	13F10-34A	10	180	0.5	235	3.38	4	4.5	9.64	5.14	S, US
500	5	1/12	M1135057.00	C/A	591	M34D25NZ48	13F05-34A	5	180	0.5	235	3.38	4	4.5	9.64	5.14	S, US
42	80	1/8	M1135069.00	√	681	M34D25NZ18	13F60-34C	60	90	1.4	235	3.38	4	4.5	10.64	6.14	S, US
62	70	1/8	M1135038.00	√	681	M34D25NZ6	13F40-34C	40	90	1.4	235	3.38	4	4.5	10.64	6.14	S, US
62	70	1/8	M1135058.00	√	681	M34D25NZ26	13F40-34C	40	180	0.7	235	3.38	4	4.5	10.64	6.14	S, US
125	45	1/8	M1135039.00	√	681	M34D25NZ7	13F20-34C	20	90	1.4	235	3.38	4	4.5	10.64	6.14	S, US
125	45	1/8	M1135059.00	√	681	M34D25NZ27	13F20-34C	20	180	0.7	235	3.38	4	4.5	10.64	6.14	S, US
250	25	1/8	M1135040.00	√	681	M34D25NZ8	13F10-34C	10	90	1.4	235	3.38	4	4.5	10.64	6.14	S, US
250	25	1/8	M1135060.00	√	681	M34D25NZ28	13F10-34C	10	180	0.7	235	3.38	4	4.5	10.64	6.14	S, US
500	13	1/8	M1135041.00	√	681	M34D25NZ9	13F05-34C	5	90	1.4	235	3.38	4	4.5	10.64	6.14	S, US
500	13	1/8	M1135061.00	C/A	681	M34D25NZ29	13F05-34C	5	180	0.7	235	3.38	4	4.5	10.64	6.14	S, US
62	135	1/4	M1135042.00	√	734	M34D25NZ10	13F40-34G	40	90	2.3	235	3.38	4	4.5	12.64	8.14	S, US
62	135	1/4	M1135062.00	√	734	M34D25NZ33	13F40-34G	40	180	1.3	235	3.38	4	4.5	12.64	8.14	S, US
83	125	1/4	M1135043.00	√	734	M34D25NZ11	13F30-34G	30	90	2.3	235	3.38	4	4.5	12.64	8.14	S, US
83	125	1/4	M1135063.00	√	734	M34D25NZ34	13F30-34G	30	180	1.3	235	3.38	4	4.5	12.64	8.14	S, US
125	90	1/4	M1135044.00	√	734	M34D25NZ12	13F20-34G	20	90	2.3	235	3.38	4	4.5	12.64	8.14	S, US
125	90	1/4	M1135064.00	√	734	M34D25NZ35	13F20-34G	20	180	1.3	235	3.38	4	4.5	12.64	8.14	S, US
250	50	1/4	M1135045.00	√	734	M34D25NZ13	13F10-34G	10	90	2.3	235	3.38	4	4.5	12.64	8.14	S, US
250	50	1/4	M1135065.00	√	734	M34D25NZ36	13F10-34G	10	180	1.3	235	3.38	4	4.5	12.64	8.14	S, US
500	30	1/4	M1135046.00	√	734	M34D25NZ14	13F05-34G	5	90	2.3	235	3.38	4	4.5	12.64	8.14	S, US
500	30	1/4	M1135066.00	√	734	M34D25NZ37	13F05-34G	5	180	1.3	235	3.38	4	4.5	12.64	8.14	S, US

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

12 Volts - TENV - Right-Angle Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches)					♥Notes
												P	PB	X	XL	XH	
42	80	1/8	M1135249.00	C/A	695	M34D25NZ158	13F60-34	60	12	11.0	235	3.38	4.21	4.5	10.39	5.89	S, US
250	25	1/8	M1135250.00	√	695	M34D25NZ159	13F10-34	10	12	11.0	235	3.38	4.21	4.5	10.39	5.89	S, US
62	135	1/4	M1135251.00	√	744	M34D25NZ160	13F40-34	40	12	21.0	235	3.38	4.21	4.5	12.64	8.14	S, US
125	90	1/4	M1135252.00	√	744	M34D25NZ161	13F20-34	20	12	21.0	235	3.38	4.21	4.5	12.64	8.14	S, US

C/A - Check Availability

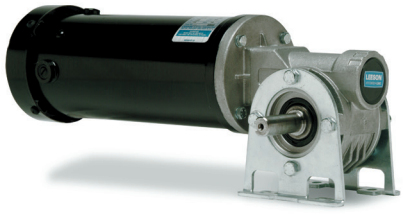
♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information

Gearmotors

Bravo™ Series 12 SUB-FHP - DC Right-Angle Gearmotors



General Specifications - SCR Rated Gearmotors:

- Performance matched for continuous duty service over 60:1 speed range
- Constant torque throughout the range when powered by a full-wave unfiltered SCR-type adjustable speed control having a typical form factor of 1.3 to 1.4

General Specifications - Low Voltage Gearmotors:

- Performance matched for continuous duty service
- Designed for battery power or can be used with a low voltage controller with form factor up to 1.05

Features:

- Worm-type right-angle gearing features hardened, steel worm with bronze worm wheel for long life and quiet operation
- Single piece die cast aluminum alloy housing is vacuum impregnated with Resinol RT for protection and sealing
- Light weight gearbox combines high tensile strength along with being precision machined for alignment of bearings and gearing
- High temperature Nitrile seals for optimum seal life
- Gearbox provided with solid output shaft, but can be converted to a hollow output shaft. Simply remove the solid shaft by removing the Snap rings
- T-base feet provided are removable to convert to face mounting
- Optional conduit box available, see page 350

Bravo™ Series 12 SUB-FHP - DC Right-Angle Gearmotors

90 Volts - Totally Enclosed - Right-Angle

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Enclosure	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps. DC	♥Notes
28	125	1/8	M1135292.00	√	696	M34D17NZ31	TENV	12B60-34D	61.0	90	1.6	S, US, 12
45	87	1/8	M1135291.00	C/A	696	M34D17NZ30	TENV	12B39-34D	39.0	90	1.6	S, US, 12
58	158	1/4	M1135290.00	√	735	M34D17FZ7	TEFC	12B30-34G	30.0	90	2.8	S, US
90	100	1/4	M1135289.00	√	735	M34D17FZ6	TEFC	12B19-34G	19.0	90	2.6	S, US
115	85	1/4	M1135288.00	C/A	735	M34D17FZ5	TEFC	12B15-34G	15.0	90	2.6	S, US
167	61	1/4	M1135287.00	√	735	M34D17FZ4	TEFC	12B11-34G	10.6	90	2.6	S, US
250	46	1/4	M1135286.00	√	735	M34D17FZ3	TEFC	12B7-34G	7.0	90	2.6	S, US

C/A - Check Availability

♥ Note listing on inside back flap

Note 12 - TENV

Specifications are subject to change without notice

12 Volt - TENV - Right-Angle

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Enclosure	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps. DC	♥Notes
27	134	1/8	M1135285.00	C/A	724	M34D17NZ29	TENV	12B60-34C	61.0	12	14.0	S, US
45	94	1/8	M1135284.00	√	724	M34D17NZ28	TENV	12B39-34C	39.0	12	15.0	S, US
58	158	1/4	M1135297.00	√	758	M34D17NZ36	TENV	12B30-34F	30.0	12	24.0	S, US
90	100	1/4	M1135296.00	C/A	758	M34D17NZ35	TENV	12B19-34F	19.0	12	24.0	S, US
115	85	1/4	M1135295.00	C/A	758	M34D17NZ34	TENV	12B15-34F	15.0	12	23.0	S, US
167	61	1/4	M1135294.00	C/A	758	M34D17NZ33	TENV	12B11-34F	10.6	12	21.0	S, US
250	46	1/4	M1135293.00	√	758	M34D17NZ32	TENV	12B7-34F	7.0	12	23.0	S, US

C/A - Check Availability

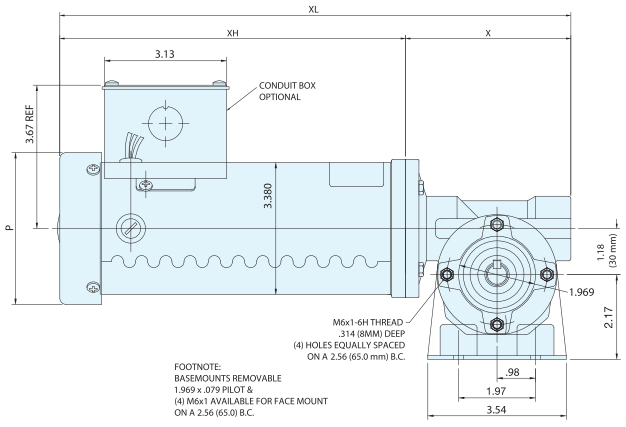
♥ Note listing on inside back flap

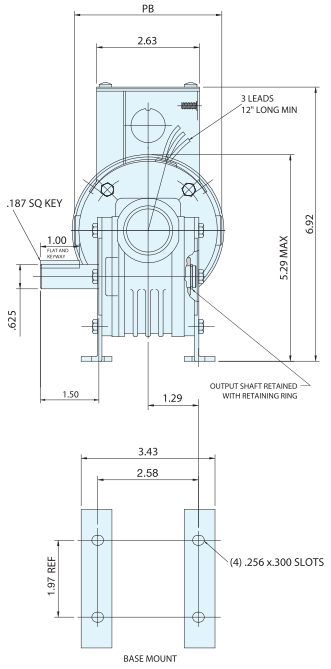
Specifications are subject to change without notice

Notes:

1 Conduit box not supplied with the gearmotor. Mounting provisions are provided and can use conduit box kit catalog number M1760007.00 found on page 342.

2 For solid double output shaft, consult factory.





SCR 90 Volt Rated (IN)

P	X	XL	XH	PB
3.38	4.32	11.07	6.75	4.00
3.38	4.32	11.07	6.75	4.00
3.88	4.32	13.16	8.84	3.76
3.88	4.32	13.16	8.84	3.76
3.88	4.32	13.16	8.84	3.76
3.88	4.32	13.16	8.84	3.76
3.88	4.32	13.16	8.84	3.76

Low Voltage 12V (IN)

P	X	XL	XH	PB
3.38	4.32	10.57	6.25	4.21
3.38	4.32	10.57	6.25	4.21
3.38	4.32	11.82	7.50	4.21
3.38	4.32	11.82	7.50	4.21
3.38	4.32	11.82	7.50	4.21
3.38	4.32	11.82	7.50	4.21
3.38	4.32	11.82	7.50	4.21

View On-line Technical Information

Gearmotors

IP55 Washguard® Gearmotors - P300 Series - DC

General Specifications - SCR Rated Gearmotors:

- Performance matched for continuous duty service over 60:1 speed range
- Constant torque throughout the range when powered by a full-wave unfiltered SCR-type adjustable speed control having a typical form factor of 1.3 to 1.4

General Specifications - Low Voltage Gearmotors:

- Performance matched for continuous duty service
- Designed for battery power or can be used with a low voltage controller with form factor up to 1.05

Features:

- Gearbox output shafts are coated with Mirolon 3300 fortified Teflon for superior corrosion resistance
- Frame, endshields, armature and interior components protected by enamel and polyester compounds for resistance to moisture, acids, alkalies and oil
- Precision machined in-line steel gears
- First stage steel helical gear followed by spur-type gears
- Lubrication is permanent semi-fluid grease, reducing possibility of leakage
- Output shafts have needle bearings for high load capacities
- Gearbox Shafts are hardened steel
- Cast conduit box with threaded conduit holes and Nitrile gaskets keep water out
- Conduit box cover is made from 304 stainless steel
- For any condensation that may accumulate inside the motor, a one-way stainless steel vapor vent is provided
- All hardware is stainless steel
- Painted with white epoxy for superior corrosion resistance and protection
- Machined fits between the endbells and motor frame are sealed with gaskets
- Thru-bolt heads and nuts sealed with fiber washers
- O-rings under each threaded brush cover

Application Notes:

- Extended life in wet, high humidity applications
- Design repels water from entering motor
- Internal components protected against rust and corrosion
- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Overhung load capacities shown are at center of output shaft
- Motor's stall torque could exceed recommended full load torques. A current limiting device such as an SCR control should be used to prevent damage. This issue is even more critical for low voltage motors, typically no controller is used since motor is connected directly to a battery, so some type of current limit or fusing should be considered
- USDA Approved white epoxy finish
- **Bison/Dayton direct interchange**

IP55 Washguard® Gearmotors - P300 Series - DC

90 Volts - TENV - P300 Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches)					♥Notes
												P	PB	X	XL	XH	
5	353	1/20	M1125261.00	√	877	M31D17VZ5	P303-31	336	90	0.8	565	3.13	3.8	3.54	10.44	8.94	S, US
31	220	1/8	M1125262.00	√	901	M31D17VZ6	P303-31	58	90	1.6	327	3.13	3.8	3.54	11.94	10.44	S, US
51	130	1/8	M1125263.00	√	833	M31D17VZ7	P302-31	35	90	1.6	277	3.13	3.8	3.54	11.94	10.44	S, US
94	77	1/8	M1125264.00	√	833	M31D17VZ8	P302-31	19	90	1.6	236	3.13	3.8	3.54	11.94	10.44	S, US
167	43	1/8	M1125265.00	√	833	M31D17VZ9	P302-31	11	90	1.6	197	3.13	3.8	3.54	11.94	10.44	S, US

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

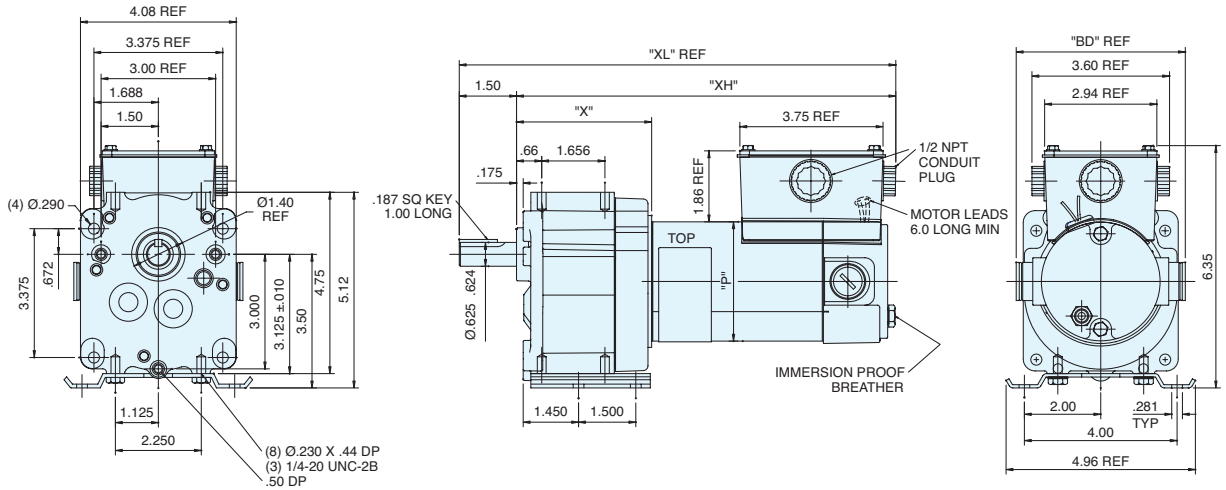
12 Volts - TENV - P300 Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches)					♥Notes
												P	PB	X	XL	XH	
5	353	1/20	M1125266.00	√	901	M31D17VZ10	P303-31	336	12	6.4	565	3.13	3.8	3.54	10.44	8.94	S, US
31	220	1/8	M1125267.00	√	923	M31D17VZ11	P303-31	58	12	11.0	327	3.13	4.43	3.54	11.44	9.94	S, US

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice



View On-line Technical Information

Gearmotors

IP55 Washguard® Gearmotors - PE350 - DC

General Specifications - SCR Rated Gearmotors:

- Performance matched for continuous duty service over 60:1 speed range
- Constant torque throughout the range when powered by a full-wave unfiltered SCR-type adjustable speed control having a typical form factor of 1.3 to 1.4

General Specifications - Low Voltage Gearmotors:

- Performance matched for continuous duty service
- Designed for battery power or can be used with a low voltage controller with form factor up to 1.05

Features:

- Gearbox output shafts are coated with Mirolon 3300 fortified Teflon for superior corrosion resistance
- Frame, endshields, armature and interior components protected by enamel and polyester compounds for resistance to moisture, acids, alkalies and oil
- Precision machined in-line steel gears
- First stage steel helical gear followed by spur-type gears
- Lubrication is permanent semi-fluid grease, reducing possibility of leakage
- Output shafts have needle bearings for high load capacities
- Gearbox Shafts are hardened steel
- Cast conduit box with threaded conduit holes and Nitrile gaskets keep water out
- Conduit box cover is made from 304 stainless steel
- For any condensation that may accumulate inside the motor, a one-way stainless steel vapor vent is provided
- All hardware is stainless steel
- Painted with white epoxy for superior corrosion resistance and protection
- Machined fits between the endbells and motor frame are sealed with gaskets
- Thru-bolt heads and nuts sealed with fiber washers
- O-rings under each threaded brush cover

Application Notes:

- Extended life in wet, high humidity applications
- Design repels water from entering motor
- Internal components protected against rust and corrosion
- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Overhung load capacities shown are at center of output shaft
- Motor's stall torque could exceed recommended full load torques. A current limiting device such as an SCR control should be used to prevent damage. This issue is even more critical for low voltage motors, typically no controller is used since motor is connected directly to a battery, so some type of current limit or fusing should be considered
- USDA Approved white epoxy finish
- **Bodine/Baldor direct interchange**

90 Volts - TENV - PE350 Series - Parallel Shaft

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches)					Notes
												P	PB	X	XL	XH	
14	341	1/8	M1125268.00	√	908	M31D25VZ1	P353-31	180	90	1.5	465	3.13	3.8	3.45	11.84	9.84	S, US
42	280	1/4	M1125269.00	√	940	M32D25VZ1	P353-32	58	90	2.6	327	3.25	3.8	3.45	13.84	11.84	S, US
83	155	1/4	M1125270.00	√	915	M32D25VZ2	P353-32	29	90	2.6	267	3.25	3.8	3.45	13.84	11.84	S, US
250	45	1/4	M1125271.00	√	915	M32D25VZ3	P352-32	10	90	2.6	201	3.25	3.8	3.45	13.84	11.84	S, US
500	25	1/4	M1125272.00	√	915	M32D25VZ4	P352-32	5	90	2.6	194	3.25	3.8	3.45	13.84	11.84	S, US

Specifications are subject to change without notice

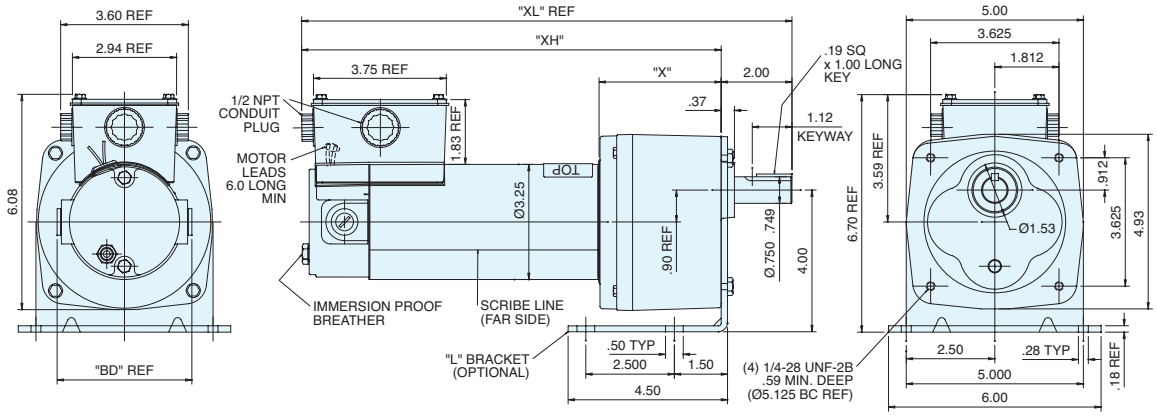
♥ Note listing on inside back flap

12 Volts - TENV - PE350 Series - Parallel Shaft

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches)					Notes
												P	PB	X	XL	XH	
14	341	1/8	M1125273.00	C/A	930	M31D25VZ2	P353-31	180	12	12.0	465	3.13	4.43	3.45	11.58	9.58	S, US
42	325	1/4	M1125274.00	C/A	983	M32D25VZ5	P353-32	58	12	20.0	327	3.25	4.43	3.45	13.84	11.84	S, US

C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap



View On-line Technical Information

Gearmotors

IP55 Washguard® Gearmotors - Right-Angle - DC

General Specifications - SCR Rated Gearmotors:

- Performance matched for continuous duty service over 60:1 speed range
- Constant torque throughout the range when powered by a full-wave unfiltered SCR-type adjustable speed control having a typical form factor of 1.3 to 1.4

General Specifications - Low Voltage Gearmotors:

- Performance matched for continuous duty service
- Designed for battery power or can be used with a low voltage controller with form factor up to 1.05

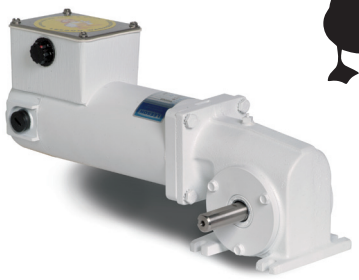
Features:

- 303 Stainless Steel gearbox output shaft
- Frame, endshields, armature and interior components protected by enamel and polyester compounds for resistance to moisture, acids, alkalies and oil
- Cast conduit box with threaded conduit holes and Nitrile gaskets keep water out
- Conduit box cover is made from 304 stainless steel
- For any condensation that may accumulate inside the motor, a one-way stainless steel vapor vent is provided
- All hardware is stainless steel
- Painted with white epoxy for superior corrosion resistance and protection
- Machined fits between the endbells and motor frame are sealed with gaskets
- Thru-bolt heads and nuts sealed with fiber washers
- O-rings under each threaded brush cover
- Worm-type right-angle gearing features hardened, steel worm with bronze worm wheel for long life and quiet operation
- Precision machined aluminum gear housing
- Lubrication is permanent with an oil bath
- Gearbox has all ball bearings
- Output shaft is field interchangeable from left hand to right hand style by reassembly
- Double output shaft available as a factory option

Application Notes:

- These right-angle gearmotors have a lubrication breather positioned for horizontal mounting. For other mountings, the breather plug must be reoriented by using a 90 deg 1/8" NPT taper pipe elbow (See drawing). Elbow not available from LEESON
- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Overhung load capacities shown are at center of output shaft
- For additional information, see Bulletin 1830

IP55 Washguard Gearmotors® - Right-Angle - DC



90 Volt - TENV - Right-Angle

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches)					♥Notes
												P	PB	X	XL	XH	
42	80	1⁄8	M1125275.00	√	908	M31D25VZ3	13F60-31	60	90	2.2	235	3.13	3.8	4.5	10.86	6.36	S, US
250	25	1⁄8	M1125276.00	√	908	M31D25VZ4	13F10-31	10	90	2.2	235	3.13	3.8	4.5	10.86	6.36	S, US
62	135	1⁄4	M1125277.00	√	915	M32D25VZ6	13F40-32	40	90	3.7	235	3.25	3.8	4.5	12.86	8.36	S, US
125	90	1⁄4	M1125278.00	√	915	M32D25VZ7	13F20-32	20	90	3.7	235	3.25	3.8	4.5	12.86	8.36	S, US
250	50	1⁄4	M1125279.00	√	915	M32D25VZ8	13F10-32	10	90	3.7	235	3.25	3.8	4.5	12.86	8.36	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

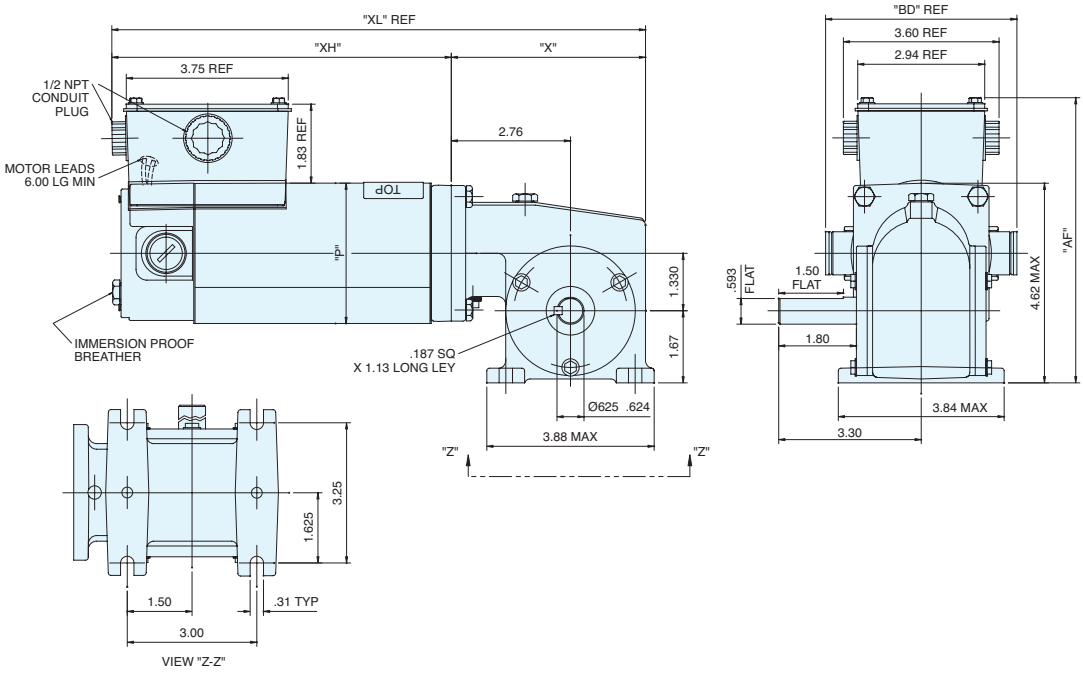
12 Volts - TENV - Right-Angle

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Arm. Volts DC	F.L. Amps DC	Over-hung Load (lb.)	Dimensions (inches)					♥Notes
												P	PB	X	XL	XH	
62	135	1⁄4	M1125280.00	√	869	M32D25VZ9	13F40-32	40	12	28.0	235	3.25	4.43	4.5	12.36	7.86	S, US
125	90	1⁄4	M1125281.00	√	869	M32D25VZ10	13F20-32	20	12	28.0	235	3.25	4.43	4.5	12.36	7.86	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

13 SERIES - DC



View On-line Technical Information

Gearmotors

Parallel Shaft - SUB-FHP - AC Gearmotors

12-100 In-Lbs. Output Torque

Features:

- Permanent split capacitor design rated for 115VAC 60 HZ input
- Precision machined in-line steel gears
- First stage steel helical gear followed by spur-type gears
- Lubrication is permanent semi-fluid grease, reducing possibility of leakage
- Output shafts have needle bearings for high load capacities
- Shafts are hardened steel
- Optional conduit box and PZ gearmotor mounting bracket available

Application Notes:

- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- The motor's stall torque could exceed recommended full load torques causing gearhead damage, especially in ratios of 60:1 and higher. Provisions to limit the torque are recommended
- The torque values listed are the recommended full load torque values
- Overhung load capacities shown are at center of output shaft
- For additional information, see Bulletin 1830
- All PZ Series gearmotors are supplied with continuous duty "run" capacitor
- Optional conduit box available, see page 350
- For additional information, see Bulletin 1830
- **Bodine/Bison/Dayton direct interchange**

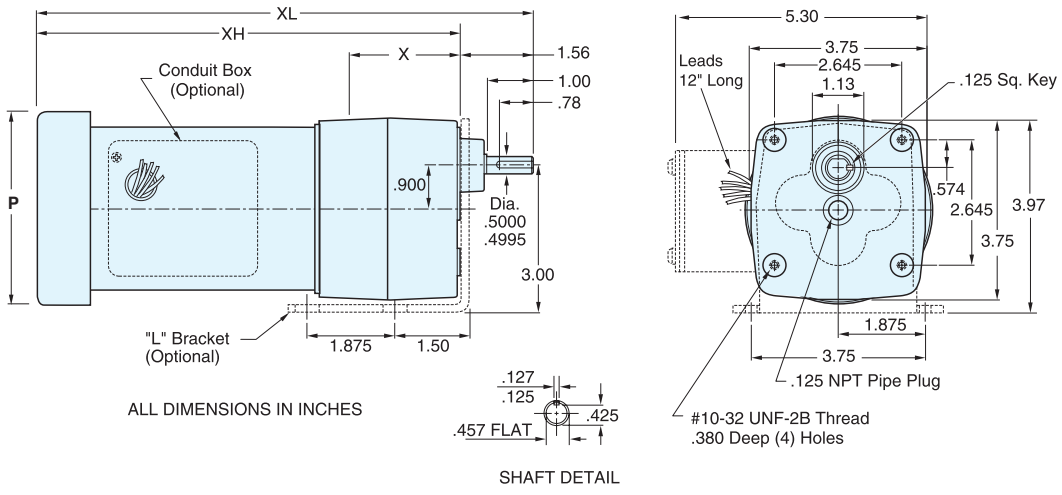
115 Volts - TEFC - Single Phase

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	F.L. Amps 115	Over-hung Load (lb.)	Dimensions (inches)				Capacitor Mfd. 240 VAC	♥Notes
											P	X	XL	XH		
2	100	1/150	M1125050.00	√	549	M31P17NZ1	PZ5-31	900	0.4	155	3.07	3.23	8.71	7.15	3	S, US, 12
9	100	1/15	M1125127.00	√	549	M31P17FZ1	PZ4-31	180	0.9	155	3.88	3.23	10.42	8.86	10	S, US, 13
19	100	1/15	M1125128.00	√	549	M31P17FZ2	PZ4-31	90	0.9	155	3.88	3.23	10.42	8.86	10	S, US, 13
28	100	1/15	M1125129.00	√	549	M31P17FZ3	PZ3-31	60	0.9	155	3.88	2.43	9.62	8.06	10	S, US, 13
57	56	1/15	M1125130.00	√	528	M31P17FZ4	PZ3-31	30	0.9	171	3.88	2.43	9.62	8.06	10	S, US, 13
94	36	1/15	M1125131.00	√	528	M31P17FZ5	PZ3-31	18	0.9	171	3.88	2.43	9.62	8.06	10	S, US, 13
142	24	1/15	M1125132.00	√	511	M31P17FZ6	PZ2-31	12	0.9	180	3.88	2.13	9.32	7.76	10	S, US, 13
283	12	1/15	M1125133.00	√	511	M31P17FZ7	PZ2-31	6	0.9	180	3.88	2.13	9.32	7.76	10	S, US, 13

Note 12 - TENV
Specifications are subject to change without notice

♥ Note listing on inside back flap

PZ SERIES - AC



View On-line Technical Information

Gearmotors

P240 Series - SUB-FHP - AC Gearmotors
Output Torque - 43-391 In-Lbs.

Features:

- Permanent split capacitor design rated for 115/230VAC 60/50 HZ input
- Precision machined in-line steel gears
- First stage steel helical gear followed by spur-type gears
- Lubrication is permanent semi-fluid grease, reducing possibility of leakage
- Output shafts have needle bearings for high load capacities
- Shafts are hardened steel
- Optional conduit box available

Application Notes:

- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- The motor's stall torque could exceed recommended full load torques causing gearhead damage, especially in ratios of 60:1 and higher. Provisions to limit the torque are recommended
- Overhung load capacities shown are at center of output shaft
- All P240 Series gearmotors are supplied with continuous duty "run" capacitor
- For additional information, see Bulletin 1830
- **Bison/Dayton direct interchange**

Single Phase - 115/230 Volts - TEFC - P240 Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	F.L. Amps 115	Over-hung Load (lb.)	Dimensions (inches) P	X	XL	XH	Capacitor Mfd. 240 VAC	♥Notes
8	345	1/15	M1145029.00	√	821	M38P17NZ26	P243-38D	216	1.0	491	3.85	3.50	10.46	8.96	7.5	S, US, 12
15	250	1/15	M1145023.00	√	821	M38P17NZ20	P243-38D	114	1.0	407	3.85	3.50	10.46	8.96	7.5	S, US, 12
16	391	1/6	M1145030.00	√	891	M38P17FZ9	P243-38F	103	2.1	399	4.43	3.50	12.13	10.63	15	S, US, 13
30	135	1/15	M1145024.00	√	746	M38P17NZ21	P242-38D	52	1.0	330	3.85	3.50	10.46	8.96	7.5	S, US, 12
30	295	1/6	M1145031.00	√	891	M38P17FZ10	P243-38F	58	2.1	330	4.43	3.50	12.13	10.63	15	S, US, 13
40	219	1/6	M1145032.00	√	891	M38P17FZ11	P243-38F	43	2.1	303	4.43	3.50	12.13	10.63	15	S, US, 13
45	92	1/15	M1145025.00	C/A	746	M38P17NZ22	P242-38D	35	1.0	292	3.85	3.50	10.46	8.96	7.5	S, US, 12
60	157	1/6	M1145033.00	√	817	M38P17FZ12	P242-38D	29	2.1	268	4.43	3.50	12.13	10.63	15	S, US, 13
70	61	1/15	M1145026.00	√	746	M38P17NZ23	P242-38D	23	1.0	256	3.85	3.50	10.46	8.96	7.5	S, US, 12
90	103	1/6	M1145034.00	√	817	M38P17FZ13	P242-38D	19	2.1	237	4.43	3.50	12.13	10.63	15	S, US, 13
97	43	1/15	M1145027.00	√	746	M38P17NZ24	P242-38D	16.5	1.0	232	3.85	3.50	10.46	8.96	7.5	S, US, 12
139	30	1/15	M1145028.00	√	746	M38P17NZ25	P242-38D	11.5	1.0	208	3.85	3.50	10.46	8.96	7.5	S, US, 12
156	60	1/6	M1145035.00	√	817	M38P17FZ14	P242-38D	10.6	2.1	201	4.43	3.50	12.13	10.63	15	S, US, 13

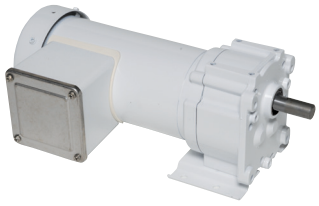
C/A - Check Availability
Note 12 - TENV
Specifications are subject to change without notice

♥ Note listing on inside back flap

Gearmotors
P240 Series - SUB-FHP - AC Gearmotors

IP55 AC Washguard® Gearmotors

General Specifications - SCR Rated Gearmotors:
Single and Three-phase washdown duty gearmotors rated for continuous duty applications. Permanent split designed single-phase motors include capacitor in conduit box. Motors are designed for extended life in applications requiring regular washdown or otherwise wet environments. Avoid shaft up applications, with motor below, should shaft seal fail.



Features:
- Shaft material coated with Teflon/Ceramic plating
- White epoxy painted motors
- O-rings and gaskets used for sealing
- Hardened Worm-type gearing used
- Interior components protected against corrosion
- Ball bearings used in gear housing
- Sealed output shafts
- Output shafts have needle bearings for high load capacities
- UL listed and CSA certified

115/230 Volts - 1 & 3-Phase - TEFC - P240 Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Voltage	F.L. Amps 230 V	Phase	Over-hung Load (Lbs.)
16	391	1/6	M1145138.00	√	935	M38P17FZ39	P240	103	115/230	1.05	1	399
40	219	1/6	M1145139.00	√	935	M38P17FZ40	P240	43	115/230	1.00	1	303
156	60	1/6	M1145140.00	√	858	M38P17FZ41	P240	10.6	115/230	1.00	1	201
16	391	1/6	M1145144.00	√	935	M38T17FZ20	P240	103	230	0.72	3	237
30	295	1/6	M1145145.00	√	935	M38T17FZ21	P240	58	230	0.72	3	237

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Gearmotors

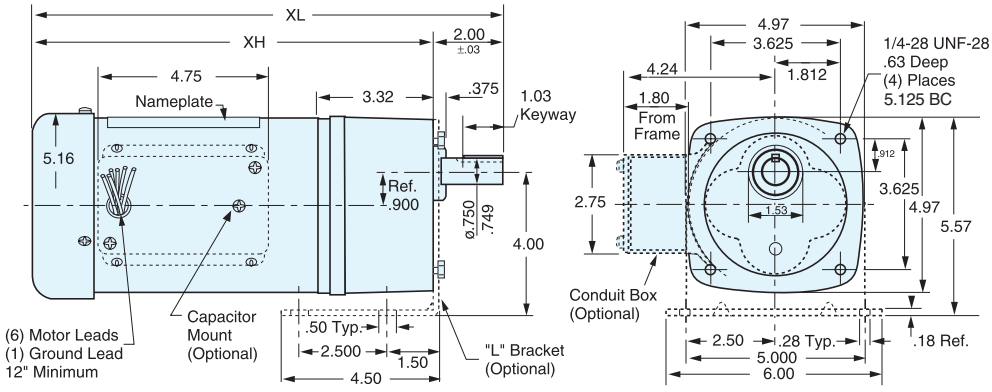
PE350 Series - Parallel Shaft - AC Gearmotors

Output Torque - 25-341 In-Lbs

Features:

- All rated for 60/50 Hz operation except hi-torque single-phase which are 60 Hz only
- Rugged die cast aluminum gear housing for maximum gear and bearing support
- Precision machined gearing, hardened for maximum load capability
- All gearing designed and rated to AGMA class 9 standards, and to withstand momentary shock overload of 200%
- Oversized output bearings for greater overhung load capacity and long life
- High carbon alloy output shaft provides maximum strength and rigidity
- All needle bearing journals are precision ground after heat treating to provide maximum fit and finish
- Heavy duty industrial oil seals keep lubricant in and dirt out
- Gears and bearings are splash lubricated with permanent, heavy duty gear oil
- Run capacitor supplied at no additional cost for single phase designs
- Three phase and hi-torque single phase models include conduit box, other single phase models do not
- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Overhung load capacities shown are at center of output shaft
- Optional conduit box available, see page 350
- **Bodine/Baldor/Boehm direct interchange**

PE350 SINGLE PHASE



LEESON

Output Torque - 25-341 In-Lbs

Single Phase - 115/230 Volts - TEFC - PE350 Series - Parallel Shaft

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	F.L. Amps @ 115V	Over-hung Load (lb.)	Dimensions (inches) XL	Dimensions (inches) XH	Capacitor Mfd. 240 VAC	♥Notes
5	310	1/12	096000.00	√	781	42P17NZ1	PE353-42	336	1.3	565	11.36	9.36	10	S, US, 12
9	341	1/12	096001.00	√	781	42P17NZ2	PE353-42	180	1.3	491	11.36	9.36	10	S, US, 12
14	330	1/12	096002.00	√	781	42P17NZ3	PE353-42	124	1.3	459	11.36	9.36	10	S, US, 12
19	250	1/12	096003.00	√	781	42P17NZ4	PE353-42	91	1.3	374	11.36	9.36	10	S, US, 12
29	270	1/6	096004.00	√	821	42P17FZ1	PE353-42	58	3.2	327	13.32	11.32	15	S, US, 13
34	250	1/6	096005.00	√	821	42P17FZ2	PE353-42	50	3.2	330	13.32	11.32	15	S, US, 13
40	180	1/6	096006.00	C/A	821	42P17FZ3	PE353-42	43	3.2	303	13.32	11.32	15	S, US, 13
59	135	1/6	096007.00	√	775	42P17FZ4	PE352-42	29	3.2	267	13.32	11.32	15	S, US, 13
75	90	1/6	096008.00	√	775	42P17FZ5	PE352-42	23	3.2	256	13.32	11.32	15	S, US, 13
113	68	1/6	096009.00	√	775	42P17FZ6	PE352-42	15	3.2	222	13.32	11.32	15	S, US, 13
160	45	1/6	096010.00	C/A	775	42P17FZ7	PE352-42	10	3.2	196	13.32	11.32	15	S, US, 13
340	25	1/6	096011.00	√	775	42P17FZ8	PE352-42	5	3.2	190	13.32	11.32	15	S, US, 13
Hi-Torque Single Phase PE350 Gearmotors With Capacitor Start Motors														
58	320	1/3	096049.00	√	909	42C17FZ4	PE353-42	30	7.2	300	14.56	12.56	...	S, US, 13
85	218	1/3	096050.00	√	853	42C17FZ5	PE353-42	20	7.2	300	14.56	12.56	...	S, US, 13
173	109	1/3	096051.00	√	853	42C17FZ6	PE353-42	10	7.2	300	14.56	12.56	...	S, US, 13
345	55	1/3	096052.00	√	853	42C17FZ7	PE353-42	5	7.2	300	14.56	12.56	...	S, US, 13

C/A - Check Availability
Note 12 - TENV
Specifications are subject to change without notice

♥ Note listing on inside back flap

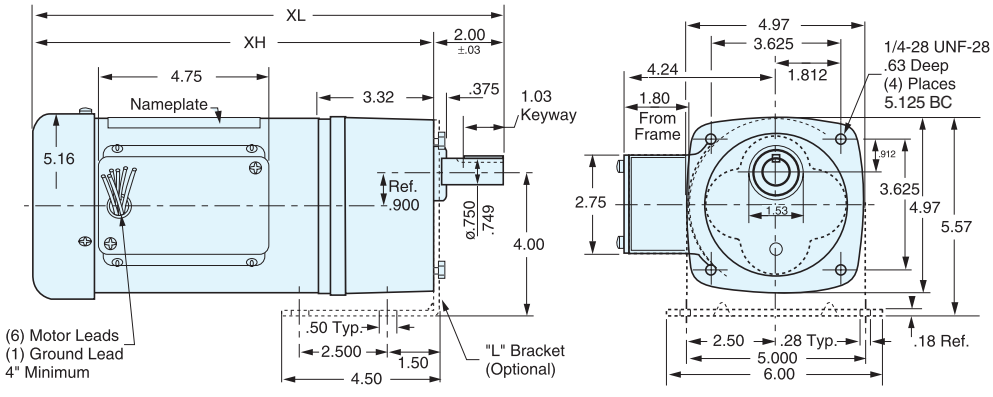
Three Phase - 230/460 Volt - PE350 Series - Parallel Shaft - TEFC

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	F.L. Amps @ 230V	Over-hung Load (lb.)	Dimensions (inches) XL	Dimensions (inches) XH	♥Notes
58	320	1/3	096013.00	√	902	42T17FZ14	PE353-42	30	1.6	300	13.81	11.81	S, US, 13
85	218	1/3	096014.00	√	847	42T17FZ15	PE352-42	20	1.6	300	13.81	11.81	S, US, 13
173	109	1/3	096015.00	√	847	42T17FZ16	PE352-42	10	1.6	300	13.81	11.81	S, US, 13
345	55	1/3	096016.00	√	847	42T17FZ17	PE352-42	5	1.6	300	13.81	11.81	S, US, 13

Specifications are subject to change without notice

♥ Note listing on inside back flap

PE350 THREE PHASE



View On-line Technical Information

Gearmotors

P1100 Series - AC Gearmotors - Parallel Shaft

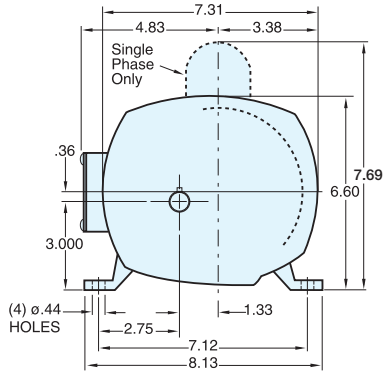
Output Torque - 70-1105 In-Lbs

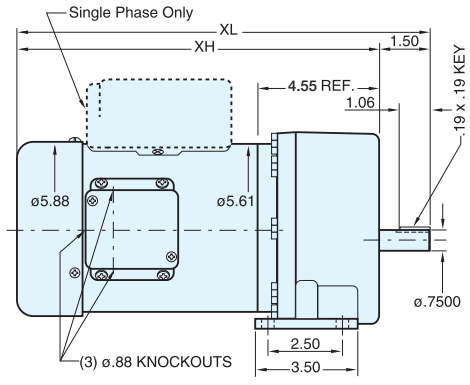
Features:

- Capacitor start designs rated for 115/230VAC 60 HZ input
- Rugged die cast aluminum gear housing for maximum gear and bearing support
- Precision machined gearing, hardened for maximum load capability
- All gearing designed and rated to AGMA class 9 standards, and to withstand momentary shock overload of 200%
- Oversized output bearings for greater overhung load capacity and long life
- High carbon alloy output shaft provides maximum strength and rigidity
- All needle bearing journals are precision ground after heat treating to provide maximum fit and finish
- Heavy duty industrial oil seals keep lubricant in and dirt out
- Gears and bearings are splash lubricated with permanent, heavy duty gear oil
- Conduit box included as standard

Application Notes:

- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Overhung load capacities shown are at center of output shaft
- For additional information, see Bulletin 1830
- **Bison/Dayton direct interchange**





Single Phase - 115/230 Volt - TEFC - P1100 Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	F.L. Amps @ 115V	Over-hung Load (lb.)	Dimensions (inches)		♥Notes
											XL	XH	
8	975	1/4	107000.00	√	1,102	4C17FZ24	P1103-48	212	5.4	700	13.42	11.92	S, US
12	1030	1/4	107004.00	√	1,102	4C17FZ28	P1103-48	143	5.4	700	13.42	11.92	S, US
18	800	1/4	107003.00	√	1,102	4C17FZ27	P1103-48	95	5.4	700	13.42	11.92	S, US
26	569	1/4	107002.00	√	1,102	4C17FZ26	P1103-48	66	5.4	650	13.42	11.92	S, US
59	248	1/4	107005.00	√	1,077	4C17FZ29	P1102-48	29	5.4	625	13.42	11.92	S, US
133	114	1/4	107001.00	√	1,077	4C17FZ25	P1102-48	13	5.4	525	13.42	11.92	S, US
18	1089	1/3	107006.00	√	1,114	4C17FZ30	P1103-48	95	6.2	700	13.67	13.17	S, US
26	752	1/3	107012.00	√	1,114	4C17FZ36	P1103-48	66	6.2	650	13.67	13.17	S, US
41	461	1/3	107011.00	√	1,091	4C17FZ35	P1102-48	42	6.2	650	13.67	13.17	S, US
59	330	1/3	107010.00	√	1,091	4C17FZ34	P1102-48	29	6.2	625	13.67	13.17	S, US
91	224	1/3	107009.00	√	1,091	4C17FZ33	P1102-48	19	6.2	575	13.67	13.17	S, US
157	125	1/3	107008.00	√	1,091	4C17FZ32	P1102-48	11	6.2	500	13.67	13.17	S, US
288	70	1/3	107007.00	√	1,091	4C17FZ31	P1102-48	6	6.2	400	13.67	13.17	S, US
22	1105	1/2	107013.00	√	1,214	4C17FZ37	P1103-48	79	8.8	700	14.17	12.67	S, US
41	700	1/2	107017.00	√	1,190	4T17FZ41	P1102-48	42	8.8	650	14.17	12.67	S, US
59	496	1/2	107016.00	√	1,190	4C17FZ40	P1102-48	29	8.8	625	14.17	12.67	S, US
91	336	1/2	107015.00	√	1,190	4C17FZ39	P1102-48	19	8.8	575	14.17	12.67	S, US
133	229	1/2	107014.00	√	1,190	4C17FZ38	P1102-48	13	8.8	525	14.17	12.67	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase - 230/460 Volt - TEFC - P1100 Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	F.L. Amps @ 115V	Over-hung Load (lb.)	Dimensions (inches)		♥Notes
											XL	XH	
18	1089	1/3	107025.00	√	1,186	4T17FZ47	P1103-48	95	1.6	700	12.92	11.42	S, US
26	752	1/3	107026.00	√	1,186	4T17FZ53	P1103-48	66	1.6	650	12.92	11.42	S, US
41	461	1/3	107027.00	√	1,159	4T17FZ54	P1102-48	42	1.6	650	12.92	11.42	S, US
59	330	1/3	107028.00	√	1,159	4T17FZ55	P1102-48	29	1.6	625	12.92	11.42	S, US
91	224	1/3	107029.00	√	1,159	4T17FZ56	P1102-48	19	1.6	575	12.92	11.42	S, US
157	125	1/3	107030.00	√	1,159	4T17FZ57	P1102-48	11	1.6	500	12.92	11.42	S, US
288	70	1/3	107031.00	√	1,159	4T17FZ58	P1102-48	6	1.6	400	12.92	11.42	S, US
22	1105	1/2	107032.00	√	1,251	4T17FZ48	P1103-48	79	2.0	700	13.42	11.92	S, US
41	700	1/2	107033.00	√	1,232	4T17FZ49	P1102-48	42	2.0	650	13.42	11.92	S, US
59	496	1/2	107034.00	√	1,232	4T17FZ50	P1102-48	29	2.0	625	13.42	11.92	S, US
91	336	1/2	107035.00	√	1,232	4T17FZ51	P1102-48	19	2.0	575	13.42	11.92	S, US
133	229	1/2	107036.00	√	1,232	4T17FZ52	P1102-48	13	2.0	500	13.42	11.92	S, US
288	100	1/2	107037.00	√	1,232	4T17FZ46	P1102-48	6	2.0	400	13.42	11.92	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

Gearmotors

Right-Angle - AC Gearmotors

Output Torque - 14-113 In-Lbs

Features:

- Permanent split capacitor design rated for 115/230VAC 60/50 HZ input
- Worm-type right-angle gearing features hardened, steel worm with bronze worm wheel for long life and quiet operation
- Precision machined aluminum gear housing
- Lubrication is permanent with an oil bath
- Gearbox has all ball bearings
- Output shaft is field interchangeable from left hand to right hand style by reassembly
- Double output shaft available as a factory option
- Optional conduit box available, see page 342
- Optional gearbox base available (10 Series only), see page 342

Application Notes:

- These right-angle gearmotors have a lubrication breather positioned for horizontal mounting. For other mountings, the breather plug must be reoriented by using a 90 deg 1/8" NPT taper pipe elbow (See drawing). Elbow not available from LEESON
- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Overhung load capacities shown are at center of output shaft
- Continuous duty run capacitor supplied as standard
- For additional information, see Bulletin 1830
- **Bodine/Dayton direct interchange**

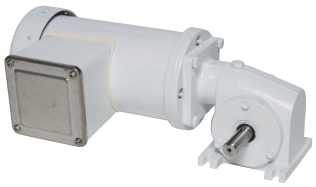
Single Phase - 115/230 Volt - TEFC - Right-Angle

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	F.L. Amps @115V	Over-hung Load (lb.)	Dimensions (inches)				Capacitor Mfd. 240 VAC	♥Notes
											P	X	XL	XH		
28	37	1/15	M1125080.00	√	677	M31P17NZ19	10F60-31C	60	0.9	185	3.07	3.63	8.94	5.31	10.0¤	S, US, 12
43	34	1/15	M1125081.00	√	677	M31P17NZ18	10F40-31C	40	0.9	185	3.07	3.63	8.94	5.31	10.0¤	S, US, 12
58	40	1/15	M1125082.00	√	677	M31P17NZ17	10F30-31C	30	0.9	185	3.07	3.63	8.94	5.31	10.0¤	S, US, 12
85	24	1/15	M1125083.00	√	677	M31P17NZ16	10F20-31C	20	0.9	185	3.07	3.63	8.94	5.31	10.0¤	S, US, 12
173	14	1/15	M1125084.00	√	677	M31P17NZ15	10F10-31C	10	0.9	185	3.07	3.63	8.94	5.31	10.0¤	S, US, 12
29	110	1/6	M1145037.00	√	918	M38P17FZ16	13F60-38F	60	2.0	235	3.85	4.50	12.31	7.81	15.0¢	S, US, 13
43	113	1/6	M1145038.00	√	918	M38P17FZ17	13F40-38F	40	2.0	235	3.85	4.50	12.31	7.81	15.0¢	S, US, 13
57	95	1/6	M1145082.00	√	918	M38P17FZ23	13F30-38F	30	2.0	235	3.85	4.50	12.31	7.81	15.0¢	S, US, 13
83	75	1/6	M1145039.00	√	918	M38P17FZ18	13F20-38F	20	2.0	235	3.85	4.50	12.31	7.81	15.0¢	S, US, 13
170	43	1/6	M1145040.00	√	918	M38P17FZ19	13F10-38F	10	2.0	235	3.85	4.50	12.31	7.81	15.0¢	S, US, 13
340	23	1/6	M1145041.00	√	918	M38P17FZ20	13F05-38F	5	2.0	235	3.85	4.50	12.31	7.81	15.0¢	S, US, 13

¤ 250 VAC
¢ 300 VAC
Note 12 - TENV
Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information



General Specifications:
Single and Three-phase washdown duty gearmotors rated for continuous duty applications. Permanent split designed single-phase motors include capacitor in conduit box. Motors are designed for extended life in applications requiring regular washdown or otherwise wet environments. Avoid shaft up applications, with motor below, should shaft seal fail.

Features:
- Shaft material is coated with Teflon/Ceramic plating
- White epoxy painted motors
- O-rings and gaskets used for sealing
- Hardened Worm-type gearing used
- Interior components protected against corrosion
- Ball bearings used in gear housing
- Sealed output shafts
- Output shafts have needle bearings for high load capacities
- UL listed and CSA certified

Single & Three Phase - TEFC - Right-Angle

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	Voltage	F.L. Amps @ 230V	Phase	Over-hung Load (Lbs)
43	113	1/6	M1145141.00	√	785	M38P17FZ42	Right-Angle	40	115/230	1.00	1	235
83	75	1/6	M1145142.00	√	963	M38P17FZ43	Right-Angle	20	115/230	1.00	1	235
340	23	1/6	M1145143.00	√	963	M38P17FZ44	Right-Angle	5	115/230	1.00	1	235
29	220	3/8	M1145146.00	√	963	M38T17FZ22	Right-Angle	60	230.0	1.30	3	235
172	105	3/8	M1145147.00	√	963	M38T17FZ23	Right-Angle	10	230.0	1.30	3	235

Specifications are subject to change without notice

♥ Note listing on inside back flap

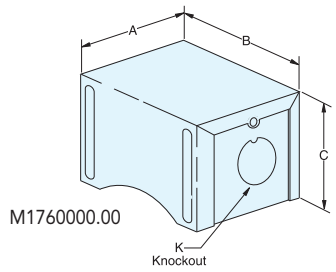
View On-line Technical Information

Gearmotors

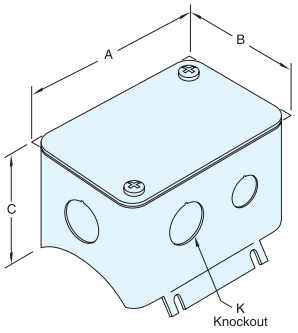
SUB-FHP Accessories

SUB-FHP Gearmotor Conduit Boxes

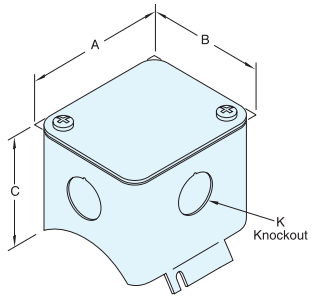
Optional steel conduit or junction boxes are available. The boxes are painted and mount in holes using screws provided with all stock gearmotors.



M1760000.00



M1760012.00
&
175893.00



M1760007.00
&
M1760021.00

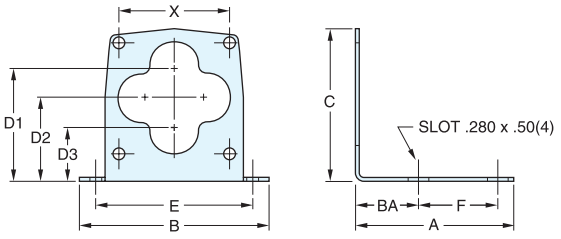
Catalog Number	Frame	List Price	Dimensions (inches)			
			A	B	C	K
M1760000.00*	25	43	2.09	2.45	2.23	0.875
M1760021.00*	30/31	43	3.13	2.63	2.28	0.875
M1760007.00	34	43	3.13	2.63	2.28	0.875
M1760012.00	38	45	4.75	2.75	2.00	1.125
175893.00	42	45	4.75	2.75	2.00	1.125

Note: * For any gearmotor catalog number beginning with M1115XXX, must clarify from gearmotor type and frame columns as listed on catalog pages 321, 323 and 331. For example, if gearmotor type and frame lists P303-30E, then use 30 frame conduit box kit M1760021. If gearmotor type and frame lists 10F60-25, then use conduit box kit M1760000.

Specifications are subject to change without notice

SUB-FHP Gearmotor "L" Mounting Bracket

Optional "L" brackets can be used to mount parallel shaft type PZ or PE350 gearmotors. Of steel construction, they are painted and include screws for mounting to the motor, but not the application.



Catalog Number	Frame	List Price	Dimensions (inches)									
			A	B	C	1D1	1D2	1D3	X	BA	F	E
M1760003.00	PZ Gearmotors	54	3.75	4.5	3.94	3	2.3	1.5	2.6	1.5	1.88	3.75
M1760011.00**	PE350 Gearmotors	66	4.50	6	5.52	4	3.1	2.2	3.6	1.5	2.50	5.00
M1760029.00Δ	PE350 Gearmotors	69	4.50	6	5.52	4	3.1	2.2	3.6	1.5	2.50	5.00

* Maximum radial load no greater than 50 lbs. This bracket can also be used on DC motors in the 34 frame having the style C mounting.
**Maximum radial load no greater than 200 lbs.
Δ Washguard PE350 L-Bracket

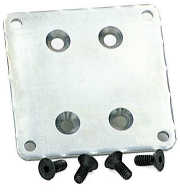
Specifications are subject to change without notice

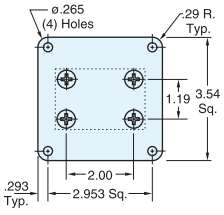
SUB-FHP Gearmotor Right-Angle Base Kit

This Optional Base Kit can be used with the 10 Series right-angle gearmotors. (Includes screws for mounting to gearbox, but not the application.)

Catalog Number	List Price
M1760006.00	59

Specifications are subject to change without notice





For SUB-FHP Right-Angle AC Gearmotors

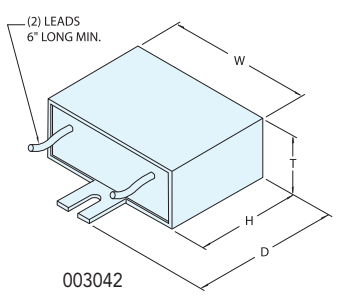
MFD Rating	Voltage Rating	Catalog Number	List Price	Dimensions (inches)			
				W	H	T	D
10	250	003043.05	50	1.89	1.14	0.75	1.14
15	300	003042.05	55	2.28	1.61	1.14	2.48

For SUB-FHP P240 & PE350 AC Gearmotors

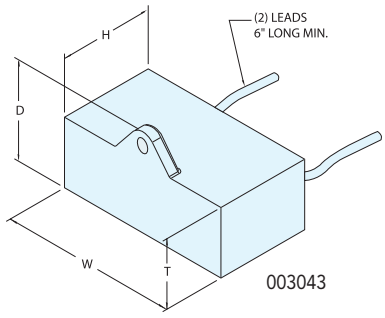
Gearmotor Type	MFD Rating	Voltage Rating	Catalog Number	List Price	Dimensions (inches)			
					W	H	T	D
P240	7.5	250	003042.02	55	1.89	1.14	0.75	2.01
PE350	10	250	003042.06	50	1.89	1.24	0.89	2.11
P240	15	300	003042.05	55	2.28	1.61	1.14	2.48
PE350	15	250	003042.04	65	2.28	1.46	0.93	2.33

For SUB-FHP AC PZ Series gearmotors

MFD Rating	Voltage Rating	Catalog Number	List Price	Dimensions (inches)			
				W	H	T	D
3	250	003043.01	55	1.22	0.93	0.57	0.97
10	250	003043.05	50	1.89	1.14	0.75	1.14



003042



003043

Gearmotors

Inverter Rated - PZ Series - AC Gearmotors

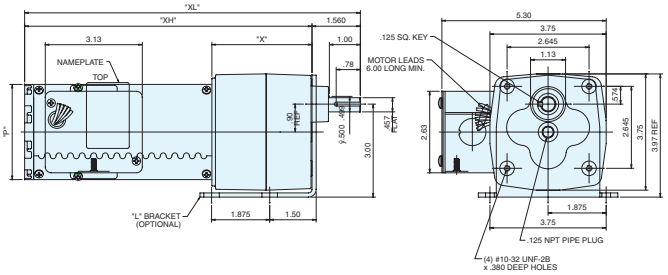
Features:

- Designed with the exclusive Inverter Rated Insulation System (IRIS)
- Provides superior protection against voltage spikes induced by variable frequency drives
- Double shielded motor ball bearings
- Needle bearings in the parallel shaft gearboxes
- Ball bearings in the Right angle (worm) gearboxes
- Steel conduit box provided as Standard.
- Finished in high gloss hardened black enamel paint

Application Notes:

- Designed with high temperature insulation (Class F) to prevent overheating when operated with a PWM inverter down to a 10:1 speed range from the printed Gearmotor RPM
- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Overhung load capacities shown are at center of output shaft
- For additional information, see Bulletin 1830

PZ SERIES – AZ



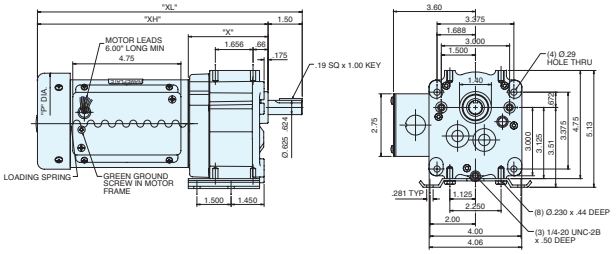
Three Phase - 230 Volt - TENV - PZ Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	F.L. Amps @ 230 V	Over-hung Load (lb.)	Dimensions (inches)				♥Notes
											P	X	XL	XH	
19	100	1/15	M1125282.00	C/A	703	M31T17NZ26	PZ4-31	90	0.4	155	3.07	3.23	10.83	9.27	S, US
57	56	1/15	M1125283.00	√	635	M31T17NZ27	PZ3-31	30	0.4	171	3.07	2.43	10.03	8.47	S, US
142	24	1/15	M1125284.00	√	583	M31T17NZ28	PZ2-31	12	0.4	180	3.07	2.13	9.73	8.17	S, US
283	12	1/15	M1125285.00	√	583	M31T17NZ29	PZ2-31	6	0.4	180	3.07	2.13	9.73	8.17	S, US

C/A - Check Availability
Specifications are subject to change without notice

♥ Note listing on inside back flap

P240 SERIES – AC



Three Phase - 230 Volt - TEFC - P240 Series

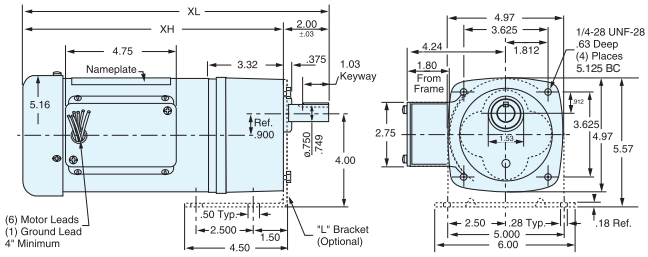
Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	F.L. Amps @ 230 V	Over-hung Load (lb.)	Dimensions (inches)				♥Notes
											P	X	XL	XH	
16	391	1/6	M1145122.00	√	711	M38T17FZ12	P243-38	103	0.7	399	4.43	3.50	11.63	10.13	S, US
30	295	1/6	M1145123.00	√	711	M38T17FZ14	P243-38	58	0.7	330	4.43	3.50	11.63	10.13	S, US
60	157	1/6	M1145124.00	√	657	M38T17FZ15	P242-38	29	0.7	268	4.43	3.50	11.63	10.13	S, US
90	103	1/6	M1145125.00	√	657	M38T17FZ16	P242-38	19	0.7	330	4.43	3.50	11.63	10.13	S, US
156	60	1/6	M1145126.00	√	657	M38T17FZ17	P242-38	10.6	0.7	330	4.43	3.50	11.63	10.13	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

PE350 THREE PHASE



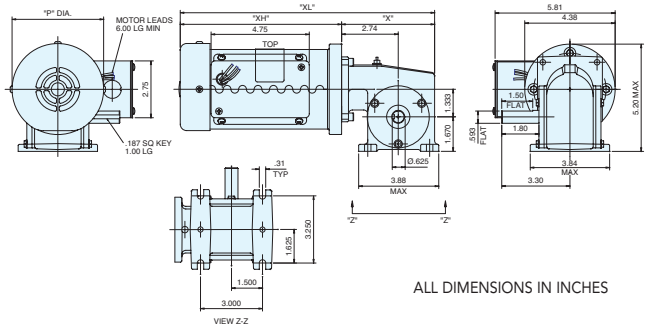
Three Phase - 230-460 Volt - TEFC - PE350 Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	F.L. Amps @ 230 V	Over-hung Load (lb.)	Dimensions (inches)				♥Notes
											P	X	XL	XH	
9	341	1/6	096065.00	√	718	42T17FZ34	PE353-42	180	1.0	491	5.16	3.32	12.57	10.57	S, US
29	300	1/4	096066.00	√	724	42T17FZ29	PE353-42	58	1.2	327	5.16	3.32	13.07	11.07	S, US
58	244	1/4	096067.00	√	724	42T17FZ30	PE353-42	30	1.2	300	5.16	3.32	13.07	11.07	S, US
85	165	1/4	096068.00	√	711	42T17FZ31	PE352-42	20	1.2	300	5.16	3.32	13.07	11.07	S, US
173	92	1/4	096069.00	√	711	C42T17FZ32	PE352-42	10	1.2	300	5.16	3.32	13.07	11.07	S, US
325	50	1/4	096070.00	√	711	42T17FZ33	PE352-42	5	1.2	300	5.16	3.32	13.07	11.07	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

13 SERIES – AC



ALL DIMENSIONS IN INCHES

Three Phase - 230 Volt - TEFC - Right-Angle Series

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock	List Price	Model Number	Gearmotor Type & Frame	Ratio to 1	F.L. Amps @ 230 V	Over-hung Load (lb.)	Dimensions (inches)				♥Notes
											P	X	XL	XH	
29	238	3/8	M1145127.00	√	869	M38T17FZ7	13F60-38	60	1.3	235	4.43	4.50	12.31	7.81	S, US
43	228	3/8	M1145128.00	√	869	M38T17FZ8	13F40-38	40	1.3	235	4.43	4.50	12.31	7.81	S, US
86	138	3/8	M1145129.00	√	869	M38T17FZ9	13F20-38	20	1.3	235	4.43	4.50	12.31	7.81	S, US
172	105	3/8	M1145130.00	√	869	M38T17FZ10	13F10-38	10	1.3	235	4.43	4.50	12.31	7.81	S, US
345	54	3/8	M1145131.00	√	869	M38T17FZ11	13F05-38	5	1.3	235	4.43	4.50	12.31	7.81	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information

AC / DC Controls

Quick Reference

DC Adjustable Speed Drives

Speedmaster® DC drives for use with SCR rated motors. Models range from sub-FHP through 3 HP. NEMA 1, NEMA 4/12 and NEMA 4X enclosures available.
Low voltage controls available through 120 amps @12/24 V and 100 amps @ 36/48 V.

SM2/SM4 Series Flux Vetor Sub-Micro AC Inverters

Speedmaster® sensorless vector drives with "big drive" features and ultra-compact size. SM2 - 1/2 through 25 HP. IP31 enclosure — NEMA 1 Type. SM4 - 1/2 through 10HP IP65 NEMA 4.

SM Series Sub-Micro AC Inverters

Speedmaster® adjustable speed drives for simpler applications not requiring the advanced features of the SM-Plus Series. Models range from 1/3 through 25 HP. IP 20 enclosure — chassis mount.

Micro Series NEMA Enclosed AC Inverters

Speedmaster® adjustable speed drives with plain-English programming and read-out. Models range from 1/4 through 150 HP. NEMA 1 enclosure.

Micro Series WASHGUARD AC Inverters

Speedmaster® adjustable speed drives in NEMA 4/12 and NEMA 4X enclosures. Plain-English programming and read-out. Models range from 1/4 through 125 HP.

Inverter Kits

Dynamic braking kits, din rail kits, remote keypads, EPM bulk packs

LEESON Speedmaster® inverters are feature rich controls offering great process control and operating efficiency for your AC Motors. Our 3 families of controls have the solution to your application needs at a competitive price

	Stand alone inverter, does not need to be mounted in an enclosure	Open control, needs to be mounted in an enclosure	Open control, needs to be mounted in an enclosure	Low cost vector inverter	Stand alone Vector inverter
	English read out display, rugged construction features	Digital display readout	Less Features than the SM-Plus Control	Vector speed control for great speed regulation	Many features and control parameters
	Steel enclosure	Over 50 programmable functions	Low cost	4 modes of operation	Easy set-up and operation
Basic Features	**Micro Series**	**SM-Plus**	**SM-Basic**	**SM2 Vector**	**SM4 Vector**
Enclosure Type	IP 31 & IP65/54	IP20	IP20	IP20	IP 65
Enclosure Material	Steel	Plastic	Plastic	Plastic	Plastic
Number Pre-set Speeds	4	7	7	8	8
Washdown Duty	Yes	No	No	No	Yes
FWD & REV	Yes	Yes	Yes	Yes	Yes
Password Protected	Yes	Yes	Yes	Yes	Yes
Dynamic Brake Kits	Yes	Yes	Yes	No	No
Relays	Yes	Yes	Yes	Yes	Yes
EPM Programmable	No	Yes	Yes	Yes	Yes
Open Loop Vector	No	No	No	Yes	Yes
PID Software	Yes	No	No	Yes	Yes
Remote Keypads	Yes	Yes	Yes	Yes	Yes
Slip Compensation	Yes	Yes	Yes	Yes	Yes
Speed Reference Signals	Yes	Yes	Yes	Yes	Yes
Display - Words or odes	Words	3- digit	3 - digit	4 - digit	4 - digit
Adjustable carrier frequency	2.5 - 14 kHz	4 - 10 kHz	4 - 10 kHz	4 - 10 kHz	4 - 10 kHz
DC Braking	Yes	Yes	Yes	Yes	Yes
Fault History	Yes	Yes	Yes	Yes	Yes
Max. HP @ 460 Volts	150	30	15	25	10
Max. HP @ 230 Volts	60	20	15	20	10
1 Phase Input / 3 Phase Output	Yes	Yes	Yes	Yes	Yes
Output frequency	120	240 Hz	240 Hz	500 Hz	500 Hz

AC / DC Controls

DC Adjustable Speed Drives
SCR Thyristor Controls

LEESON Speedmaster DC Control information

PWM and SCR Controls

General Specifications:

- General purpose for permanent magnet or shunt wound DC motors
- NEMA 4X and 4/12 suitable for washdown applications
- Dual voltage capable on most designs – see HP range
- 115 / 230 volt single-phase input voltage – DC 90 volt or 180 volt output
- Adjustable minimum and maximum speed
- Speed pot included on chassis controls
- Adjustable IR compensation
- Heat sinks required as noted
- PWM controls provide quieter operation, lower motor temperature and greater motor overload capacity

Regenerative Controls

General Specifications:

- Four quadrant controls for precise motion control
- NEMA 4X or chassis style
- Motoring and braking torque regulation ¼ HP through 2 HP

For NEMA Frame Motors & Gearmotors
SCR Controls - Enclosed - Single Phase Input 50/60 Hz

Description	Catalog Number	List Price	Output Amps	HP Range 115V	HP Range 230V	App. Wgt. (lbs.)
NEMA 1 General Purpose						
—Non-Reversing	174307.00	447	10	1/8 to 1Ⓗ	1/4 to 2Ⓗ	5
—Reversing with dynamic braking	174308.00	611	10	1/8 to 1Ⓗ	1/4 to 2Ⓗ	5
—Heat Sink H	174316.00	100	—	—	—	1
NEMA 4X Washdown—Dust-Tight						
—Non-Reversing, Plastic Enclosure	174102.00	608	10	1/8 to 1	1/4 to 2	6
—Non-Reversing, Plastic Enclosure with Signal Follower	174103.00	885	10	1/8 to 1	1/4 to 2	7
—Reversing, Plastic Enclosure*	174107.00	826	10	1/8 to 1	1/4 to 2	7
NEMA 4						
—Non-Reversing 3HP	174709.00	1169	15	—	3	8

See footnotes on page 357

Specifications are subject to change without notice

LEESON Speedmaster DC Control information

SCR Controls - Open Chassis

Description	Catalog Number	List Price	Output Amps	HP Range 115V	HP Range 230V	App. Wgt. (lbs.)
Chassis with Speed Pot-Non Reversing	174311.00	248	10	1/8 to 1Ⓙ	1/4 to 2Ⓙ	1
Chassis Heat SinkⒿ	174314.00	74	—	—	—	1

Specifications are subject to change without notice

Regenerative SCR Drives - Four Quadrant - Full Wave

Description	Catalog Number	List Price	Output Amps	HP Range 115V	HP Range 230V	App. Wgt. (lbs.)
NEMA 4X Washdown ☐	175720.00	1276	10	1/4 to 1Ⓚ	1/2 to 2 Ⓚ	8
Open Chassis with Speed Pot ☐	175721.00	823	10	1/4 to 1 Ⓚ	1/2 to 2 Ⓚ	2
Chassis Heat SinkⓀ	175722.00	143	—	—	—	2

Specifications are subject to change without notice

For Subfractional HP Motors & Gearmotors
PWM & SCR Controls - Enclosed - Single Phase Input 50/60 Hz

Description	Catalog Number	List Price	Output Amps	HP Range 115V	HP Range 230V	App. Wgt. (lbs.)
NEMA 1 General Purpose						
—SCR Non-Reversing	M1740005.00	429	3	1/40 to 1/8	1/40 to 1/4	5
—SCR Reversing With Dynamic Braking	M1740006.00	579	3	1/40 to 1/8	1/40 to 1/4	5
—PWM Non-Reversing	M1740008.00	372	3	1/40 to 1/8	1/40 to 1/4	2

Specifications are subject to change without notice

PWM & SCR Controls - Open Chassis

Description	Catalog Number	List Price	Output Amps	HP Range 115V	HP Range 230V	App. Wgt. (lbs.)
Open Chassis SCR Type						
—Chassis with Speed Pot-Non Reversing	M1740007.00	238	1.5	1/40 to 1/8	1/40 to 1/4	1
Open Chassis PWM Type						
—Chassis with Speed Pot-Non Reversing	M1740009.00	277	2	1/40 to 1/8	—	1

* Drive does not have dynamic braking. Motor shaft must be at zero speed before reversing.
ⒽHeat sink #174316.00 is required for NEMA 1 type 3/4 and 1HP 115V and 11/2 and 2HP 230V when the amp draw of the motor exceeds 5 amps.
Ⓙ Chassis Heat Sink #174314.00 required for 3/4 and 1HP 115V and 11/2 and 2HP 230V when the amp draw of the motor exceeds 5 amps.
ⓀChassis Heat sink #175722.00 required for 1HP and above when the amp draw of the motor exceeds 5 amps.
☐Regenerative drives are reversible and have regenerative braking.

Specifications are subject to change without notice

AC / DC Controls

DC Adjustable Speed Drives - SCR Controls

15 Series

General Specifications:

- 0-90 / 0-180 volts DC
- Adjustable min. and max. speed
- Adjustable IR compensation
- Fixed acceleration - 5 seconds
- 5K ohm speed potentiometer included
- 25:1 speed range and 1% speed regulation

NEMA 4/12
Non-Reversing

Figure 1

Figure 2

Description	Catalog Number	List Price	Output Amps	HP Range 115V	HP Range 230V	App. Wgt. (lbs.)
NEMA 4/12 Non-Reversing	174696.00	289	3	1/3	2/3	1
Chassis - Figure 1	174695.00	166	2	1/6	1/6	1
Chassis - Figure 2	174694.00	166	2	1/6	1/6	1

Specifications are subject to change without notice

Low Voltage Adjustable Speed Controllers

General Specifications:

- Chassis type design
- DC input / DC ouput
- Speed potentiometer shipped loose
- High efficient designs increase battery life

Features:

- 40 : 1 speed range
- Holds speed control as battery discharges
- Adjustable min. and max. speeds
- IR compensation
- 200% current limit overload protection
- Inhibit pins provide optional start-stop
- Power on LED indicator

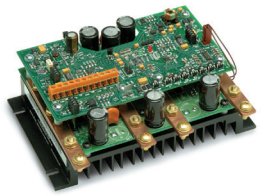
Input Voltage	Catalog Number	List Price	Output Amps	Dimensions (inches) Length	Dimensions (inches) Width	Dimensions (inches) Height	App. Wgt. (lbs.)
12/24	175290.00	535	16	6.90	4.44	2.19	2
12/24	175291.00	652	60	7.78	6.90	3.25	4
36/48	175292.00	652	60	7.78	6.90	3.25	4

Specifications are subject to change without notice

Low Voltage Adjustable Speed Controllers

General Specifications:

- Chassis type design
- DC input / DC output
- Speed potentiometer shipped loose
- High efficient designs increase battery life



Features:

- Sleep mode feature
- Accepts switch closure for reversing and braking
- Built-in short circuit protection
- 1.01 Form factor
- Built-in temperature sensor
- On board trim pots for calibration, speed and forward and reverse settings

Four Quadrant Control

Input Voltage	Catalog Number	List Price	Output Amps	Dimensions (inches)			App. Wgt. (lbs.)
				Length	Width	Height	
12/24	174298.00	1157	120	6.90	5.00	2.50	3
36/48	174299.00	1157	100	6.90	5.00	2.50	3

Specifications are subject to change without notice

Dual Mode - Dual Speed Controllers

- SCR Control designed to run two DC motors at the same time in either Independent mode or Slave/ Master mode
- Open chassis design
- Dual voltage, 115-230 VAC input with jumper
- Selectable 90/180 VDC output
- Jumper selectable speed and torque mode
- Two trim pots each for the minimum speed, maximum speed, IR compensation, current limit and acceleration/deceleration
- Comes standard with two potentiometers

HP	Input Voltage	Output Amps	Output Voltage	Catalog Number	List Price	App. Wgt. (lbs)
1 HP @ 90 VDC 2 HP @ 180 VDC	115/230	10*	0-90/0-180	174422.00	385	3

Specifications are subject to change without notice
* Heat sink 174314.00 is required if one side provides more than 5A or the output on both sides is more than 6.5A.

Control Accessories

Description	Catalog Number	List Price
Inhibit Plug	900282.01	51
Speed Pot (10k/5w pot, washers & nut)	006708.01	64

Specifications are subject to change without notice

AC / DC Controls

FHP Series AC Controls
AC Adjustable Speed Drives

General Specifications:

The FHP Series volts/hertz-type AC drives are as simple to set-up and calibrate as an SCR-type DC drive.
Compact chassis design maintain industry standard mounting hole locations.

Features:

Common features for chassis and enclosed units:

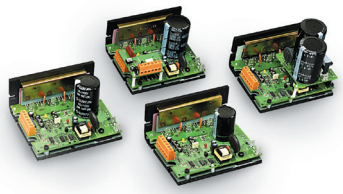
- Compact size – (4.30" x 3.70")
- Output voltage on dual voltage models is jumper selectable and has voltage doubler
- Acceleration and deceleration trim pots
- Torque, maxium speed and torque limit trim pots
- Torque 'foldback' feature – Allows up to 200% torque for short periods
- 16kHz switching frequency, with option to change between 4 and 16kHz
- Adjustable torque boost for startup – Up to 200%
- Color-coded on-board LEDs for power, fault and torque limit
- Easy start/stop and direction control with enable and direction terminal connections
- Accepts speed reference from 0-5VDC isolated signal
- Speed potentiometer shipped loose
- Plug-in Process Control Module (PCM) kit available to accept 0-5VDC, 0-10VDC or 4-20mA input
- UL listed

Special features of the NEMA 4X drive:

- NEMA 4X enclosure
- Jumper selectable DC injection braking or coast to stop
- Brake time and current are adjustable
- Built-in isolation card to accept a speed reference signal
- Min speed adjustment
- Auto or manual restart after power loss

PARAMETER	SPECIFICATIONS FOR ALL FHP MODELS
Max load	150% for 5 minutes
Output frequency	0-120Hz
Output type	6 step PWM
Switching frequency	4-16kHz range* with 16kHz as factory default
Speed regulation and range	±3% of base speed; up to 50:1
On-board adjustable trim pots	Max speed, accel, decel, boost & torque limit
Adjustable maximum frequency range	32-120Hz
Adjustable accel and decel time range	1-12 seconds
Torque boost range	0-200%
LED indicators	Power (green), Fault‡ (red), Torque Limit (yellow)
Instantaneous over-current trip time	3 µsec
Analog reference input and impedance	0-5VDC isolated, ~100Kohm
Plug-in PCM isolator card input	0-5 VDC, 0-10VDC, 4-20mA
Ambient temperature range	0-40°C
Weight (Chassis Models)	1.2 lbs.
Vibration	0.5G max (20-50Hz); 0.1G max (>50Hz)
Approvals	UL, cUL

* Plug-in capacitor kit (175325.00) for field adjustments to less than 16khz
‡ Faults are Over-voltage, Under-voltage and Instantaneous Over Current trip



Single Phase Input / Single or Three Phase Output

HP	Input Voltage	Output Amps	Output Voltage	Catalog Number	List Price	App. Wgt. (lbs)
1/4	115	2.4	115	175320.00	393	3
1/2	230	2.4	230	175321.00	393	3
	115/230	2.4	230	175310.00	499	3
	115	4.0	115	175322.00	488	4
1	230	4.0	230	175323.00	483	4
	115/230	4.0	230	175311.00	632	4

Specifications are subject to change without notice

FHP Series AC Drices - Accessories

Description	Catalog Number	List Price	App. Wgt. (lbs)
Process Control Module (PCM) Kit*	175324.00	121	2
Carrier Frequency Capacitor Kit	175325.00	29	1

* PCM Kit is for use with chassis drives only.
Specifications are subject to change without notice

- NEMA 4X enclosure
- Min speed adjustment
- Jumper selectable features:
  – DC injection braking or coast to stop
  – Brake time and current are adjustable
  – Auto or manual restart after power loss
- Built-in isolation card to accept a speed reference signal

Single Phase Input / Three Phase Output

HP	Input Voltage	Output Amps	Output Voltage	Catalog Number	List Price	App. Wgt. (lbs)
1/6 - 1	115/230	4.0	230	175326.00	888	7

Specifications are subject to change without notice

AC / DC Controls

Micro Series AC Inverters

NEMA 1

NEMA 1, IP31 Enclosure Protection

Features:

- Full feature, English read-out parameters
- 16 bit Intel microprocessor
- Choice of using factory "Quick Start" program settings
- Output frequency to 120 Hz. Higher frequency available
- 150% overload capacity for one minute
- Speed reference signals - potentiometer, 0-10 VDC or 4-20mA inputs
- Output signal, 0-10 VDC, speed or load
- Two auxiliary contacts, one form C relay and two open collector ouputs
- 4 preset speeds
- Slip compensation
- Adjustable carrier frequency
- Adjustable acceleration and deceleration times
- Forward and reverse
- Time and voltage adjustable DC braking
- Password protected
- Constant torque-with adjustable current limit
- Steel enclosure with Aluminum heat sinks
- Dynamic braking kits available
- Remote keypads available
- PID software built-in for motor feedback
- UL Listed

PDF file of Manual available at
www.leeson.com/Technical Information

NEMA 1 (IP31) • Single Phase Input / 230V Three Phase Output

(Use with three phase 230V motor)

HP	Output Amps @ 230 Volts	Input Voltage	Catalog Number	List Price	App. Wgt. (lbs)	Dimension Key
1/4	1.4	115/230	174930.00	1,060	5	A
1/2	2.2	115/230	174997.00	1,278	7	AC
1	4	115/230	174931.00	1,289	7	D
1 1/2	5.2	115/230	174932.00	1,428	7	D
2	6.8	200-230	174933.00	1,362	9	E
3	9.6	200-230	174934.00	1,499	9	E

Specifications are subject to change without notice

Dimension Table see page 378-379

NEMA 1, IP31 Enclosure Protection

Voltage	HP	Output Amps	Input Voltage	Catalog Number	List Price	App. Wgt. (lbs)	Dimension Key
200-240 Volts	1/2	2.2	200-240	174914.00	1,123	6	B
	1	4	200-240	174915.00	1,179	6	C
	1 1/2	5.2	200-240	174916.00	1,235	6	C
	2	6.8	200-240	174917.00	1,320	9	E
	3	9.6	200-240	174918.00	1,419	9	E
	5	15.2	200-240	174919.00	1,677	11	F
	7 1/2	25	200-240	174545.00	2,481	13	M
	10	28	200-240	174551.00	3,211	15	L
	15	42	200-240	174557.00	4,237	19	N
	20	54	200-240	174560.00	5,749	21	P
	25	68	200-240	174569.00	6,964	38	T
	30	80	200-240	174571.00	8,356	44	T
	40	104	200-240	174576.00	12,871	130	AE
	60	154	200-240	174578.00	18,187	185	AF
400-480 Volts	1	2	400-480	174920.00	1,414	6	B
	2	3.4	400-480	174921.00	1,551	7	D
	3	4.8	400-480	174922.00	1,677	9	E
	5	7.6	400-480	174923.00	1,887	9	E
	10	14	400-480	174552.00	3,482	13	M
	15	21	400-480	174558.00	4,471	15	L
	20	27	400-480	174561.00	5,932	17	N
	25	34	400-480	174563.00	6,994	21	P
	30	40	400-480	174565.00	7,615	21	P
	40	52	400-480	174567.00	8,776	35	T
	50	65	400-480	174593.00	10,697	44	W
	60	77	400-480	174572.00	11,753	67	W
	75	96	400-480	174580.00	14,899	185	AG
	100	124	400-480	174582.00	18,117	250	AH
	125	156	400-480	174584.00	20,356	260	AH
	150	180	400-480	174586.00	27,770	360	AL
480-590 Volts	1	1.6	480-590	174925.00	1,568	6	B
	2	2.7	480-590	174926.00	1,733	7	D
	3	3.9	480-590	174927.00	1,914	9	E
	5	6.1	480-590	174928.00	2,088	9	F
	7 1/2	9	480-590	174929.00	2,552	11	I
	10	11	480-590	174553.00	3,889	13	R
	15	17	480-590	174559.00	5,134	17	N
	20	22	480-590	174562.00	6,521	19	O
	25	27	480-590	174564.00	7,701	21	P
	30	32	480-590	174598.00	8,625	22	S
	40	41	480-590	174599.00	9,567	38	T
	50	52	480-590	174594.00	11,604	45	W
	60	62	480-590	174573.00	12,982	51	W

Specifications are subject to change without notice
◘ User programmable for 50Hz and other voltage inputs

Dimension Table see page 378-379

AC / DC Controls

Washguard® Micro Series AC Inverters

WASHGUARD NEMA 4/12

NEMA 4/12 (IP65/IP54)
Epoxy Coated

General Specifications:

- Food-safe white epoxy finish
- No external cooling fan required
- Water, oil and dust-tight enclosure protected
- Same features as Micro Series inverters as shown on previous page

Three Phase Input / Output

Voltage	HP	Output Amps	Input Voltage	Catalog Number	List Price	App. Wgt. (lbs)	Dimension Key
200-240 Volts	1/2	2.2	200-240	174935.00	1,590	8	G
	1	4.0	200-240	174936.00	1,727	8	G
	1.5	5.2	200-240	174482.00	1,750	8	Y
	2	6.8	200-240	174937.00	1,849	10	H
	3	9.6	200-240	174938.00	2,001	11	J
	5	15.2	200-240	174730.00	2,466	11	K
	7.5	22.0	200-240	174734.00	3,421	27	Q
	10	28.0	200-240	174737.00	4,316	32	U
	15	43.0	200-240	174740.00	5,204	40	V
	20	54.0	200-240	174743.00 ¤	6,682	42	AA
	25	68.0	200-240	174595.00 ¤	9,156	53	Z
	30	80.0	200-240	174596.00 ¤	9,702	53	Z
400-480 Volts	1	2.0	400-480	174939.00	1,945	8	G
	2	3.4	400-480	174940.00	2,146	10	H
	3	4.8	400-480	174941.00	2,300	10	H
	5	7.6	400-480	174942.00	2,542	11	J
	10	14.0	400-480	174554.00	4,296	11	Q
	15	21.0	400-480	174749.00	5,353	32	U
	20	27.0	400-480	174752.00	6,863	36	V
	25	34.0	400-480	174755.00 ¤	7,924	42	AA
	30	40.0	400-480	174757.00 ¤	8,661	53	AA
	40	52.0	400-480	174513.00 ¤	10,018	54	Z
	50	65.0	400-480	174511.00 ¤	11,626	75	AB
	60	77.0	400-480	174574.00 ¤	13,090	98	AB
	75	96.0	400-480	174581.00 ¤	16,159	200	AJ
	100	124.0	400-480	174583.00 ¤	19,517	300	AO
	125	156.0	400-480	174585.00 ¤	22,176	310	AO
480-590 Volts	1	1.6	480-590	174943.00	2,116	8	G
	2	2.7	480-590	174944.00	2,360	10	H
	3	3.9	480-590	174945.00	2,574	10	H
	5	6.1	480-590	174946.00	2,771	11	J
	7.5	9.0	480-590	174549.00	3,808	13	K
	10	11.0	480-590	174556.00	4,996	17	Q
	15	17.0	480-590	174763.00	6,035	38	U
	20	22.0	480-590	174766.00	7,347	40	V
	25	27.0	480-590	174769.00 ¤	8,762	42	AA
	30	32.0	480-590	174597.00 ¤	9,615	53	AA
	40	41.0	480-590	174512.00 ¤	11,132	54	Z
	50	52.0	480-590	174510.00 ¤	12,997	75	AB
	60	62.0	480-590	174575.00 ¤	14,538	98	AB

¤ Enclosures are NEMA 12 only – others are NEMA 4/12

◘ User programmable for 50Hz and other voltage inputs

Specifications are subject to change without notice

Dimension Table see page 378-379

LEESON®

NEMA 4X (IP65) Stainless Steel

WASHGUARD NEMA 4X

General Specifications:

- 300-Series stainless steel
- No external cooling fans
- Must be protected from caustic agents
- Same features as NEMA 1 Micro Series inverters

Three Phase Input / Output

Voltage	HP	Output Amps	Input Voltage	Catalog Number	List Price	App. Wgt. (lbs)	Dimension Key
200-240 Volts	1/2	2.2	200-240	174527.00	1,867	8	G
	1	4.0	200-240	174528.00	2,003	8	G
	1.5	5.2	200-240	174529.00	2,096	8	Y
	2	6.8	200-240	174530.00	2,222	10	H
	3	9.6	200-240	174531.00	2,334	11	J
	5	15.2	200-240	174732.00	3,250	11	K
	7.5	22.0	200-240	174735.00	4,000	27	Q
	10	28.0	200-240	174738.00	4,989	32	U
	15	43.0	200-240	174741.00	6,096	40	V
400-480 Volts	1	2.0	400-480	174532.00	2,200	8	G
	2	3.4	400-480	174533.00	2,494	10	H
	3	4.8	400-480	174534.00	2,674	10	H
	5	7.6	400-480	174535.00	3,053	11	J
	10	14.0	400-480	174747.00	5,128	11	Q
	15	21.0	400-480	174750.00	6,137	32	U
	20	27.0	400-480	174753.00	7,575	36	V
480-590 Volts	1	1.6	480-590	174536.00	2,391	8	G
	2	2.7	480-590	174537.00	2,669	10	H
	3	3.9	480-590	174538.00	2,887	10	H
	5	6.1	480-590	174539.00	3,267	11	J
	7.5	9.0	480-590	174759.00	4,417	13	K
	10	11.0	480-590	174761.00	5,668	17	Q
	15	17.0	480-590	174764.00	6,808	38	U
	20	22.0	480-590	174767.00	8,231	40	V

pecifications are subject to change without notice
◘ User programmable for 50Hz and other voltage inputs

Dimension Table see page 378-379

AC / DC Controls

Washguard® Micro Series AC Inverters

NEMA 4X (IP65)
Stainless Steel

Washguard® NEMA 4X (IP65) Stainless Steel - Single Phase Input - 230 Volt Three Phase Output
(Use with three phase 230V motor)

HP	Output Amps @ 230 Volts	Input Voltage¤	Catalog Number	List Price	App. Wgt. (lbs)	Dimension Key
1/4	1.4	115/230	174519.00	1,826	8	AD
1/2	2.2	115/230	174520.00	2,030	8	X
1	4.0	115/230	174521.00	2,176	11	H
1 1/2	5.2	115/230	174517.00	2,674	11	H
2	6.8	208-230	174525.00	2,288	11	H
3	9.6	208-230	174526.00	2,399	12	J

Specifications are subject to change without notice

Washguardß NEMA 4 (IP65) Epoxy Coated - Single Phase Input - 230 Volt Three Phase Output
(Use with three phase 230V motor)

HP	Output Amps @ 230 Volts	Input Voltage¤	Catalog Number	List Price	App. Wgt. (lbs)	Dimension Key
1/4	1.4	115/230	174996.00	1,439	8	AD
1/2	2.2	115/230	174998.00	1,571	8	X
1	4.0	115/230	174999.00	1,720	11	H
1 1/2	5.2	115/230	174515.00	2,021	11	H
2	6.8	208-230	174475.00	1,831	11	H
3	9.6	208-230	174729.00	1,939	12	J

Specifications are subject to change without notice

Dimension Table see page 378-379

SM2 Series Flux Vector Series AC Inverters
NEMA 1 IP21 Enclosure Protection

General Specifications:
- Designed to be used with Vector duty rated AC motors
- Open Loop Flux Vector designs
- Typical applications would include: food processing, machinery, material handling and HVAC systems
- Enclosure: NEMA1, IP21, -10 to 55°C, 2.5% derate per °C above 40°C

Standard Features:
Easy Set-up and Operation: Program the Vector control in one of four convenient ways:
- From the front of the drive
- The optional remote keypad
- A PC using TechLink software
  (Available free from www.leeson.com)
- The innovative EPM programmer

Modes of operation:
- Open loop flux vector (speed or torque)
- V/Hz (constant or variable)
- Enhanced V/Hz with auto-tuning

Easy to Use Keypad & Display
6-Button Interface:
- Start
- Stop
- Forward/reverse
- Scroll up
- Scroll down
- Enter/mode

Vivid Illumination:
- 4 digit LED display
- Easy to read from a distance
- Movable decimal point

Acceleration/Deceleration Profiles:
- Two Independent accel ramps
- Two Independent decel ramps
- Linear or S-type
- Auxiliary ramp-to-stop

Output Frequency:
- 500 Hz Std., 1000 Hz optional

Selectable Logic Assertion:
- Positive logic input (PNP current sourcing)
- Negative logic input (NPN current sinking)

AC / DC Controls

SM2 Series Flux Vector Series AC Inverters
NEMA 1 IP31 Enclosure Protection

Multiple Braking Functions

- Loss of follower management
- Speed commands: keypad, jog, floating point control
- Voltage: Scalable 0-10 VDC
- Current: Scalable 4-20 mA, potentiometer,
- 8 preset speeds
- Process control: PID modes: direct or reverse acting,
- PID sleep mode
- Voltage monitoring
- Current monitoring
- Real time monitoring: 8 register fault history, software version drive network ID, DC bus
- Voltage (V), motor voltage (V), output current (%)
  Motor current (A), motor torque (%), power (kW)
  Energy consumption (kWh), heatsink
- Temperature (°C), 0-10 VDC input (user defined), 4-20 mA input (user defined) PID feedback (user defined), analog output (% load, % torque, kW), network speed (baud rate), terminal continuity, keypad status
- Elapsed run time (hours), elapsed power on time (hours)
- Standards: UL (USA), cUL (Canada), CE (Europe), GOST (Russia/Ukraine) C-Tick (Australia/New Zealand)

Single Phase Input / 230 Volt Three Phase Output

Voltage	HP	Output Amps	Input Voltage¤	Catalog Number	List Price	App. Wgt. (lbs)	Dimensions H x W x D (in.)
115-230 Volts	1/3	1.7	115/230	174603.00	555	2.9	7.5 x 3.9 x 4.35
	1/2	2.4	115/230	174604.00	570	3	7.5 x 3.9 x 4.35
	1	4.2	115/230	174605.00	636	3.2	7.5 x 3.9 x 4.35
	1.5	6.0	115/230	174651.00	801	5	7.5 x 3.9 x 5.45

Specifications are subject to change without notice

Single or Three Phase Input / 230 Volt Three Phase Output

Voltage	HP	Output Amps	Input Voltage¤	Catalog Number	List Price	App. Wgt. (lbs)	Dimensions H x W x D (in.)
208-240 Volts	1/3	1.7	208/240	174606.00£	505	2.5	7.5 x 3.9 x 4.35
	1/2	2.4	208/240	174607.00	531	2.9	7.5 x 3.9 x 4.35
	1	4.2	208/240	174608.00	561	3.2	7.5 x 3.9 x 4.35
	1.5	6.0	208/240	174609.00	625	3.7	7.5 x 3.9 x 5.45
	2	7.0	208/240	174610.00	679	3.7	7.5 x 3.9 x 5.45
	3	9.6	208/240	174611.00	860	3.9	7.5 x 3.9 x 5.45

£ LEESON model 174606.00 is single-phase input only

¤ User programmable for 50Hz and other voltage inputs

Specifications are subject to change without notice

Three Phase Input / Output

Voltage	HP	Output Amps	Input Voltage	Catalog Number	List Price	App. Wgt. (lbs)	Dimensions H x W x D (in.)
200-240 Volts	1.5	6.0	200/240	174612.00	598	3.7	7.5 x 3.9 x 5.45
	2	7.0	200/240	174613.00	642	3.7	7.5 x 3.9 x 5.45
	3	9.6	200/240	174614.00	807	3.8	7.5 x 3.9 x 5.45
	5	16.5	200/240	174615.00	963	4.2	7.5 x 3.9 x 5.8
	7.5	23.0	200/240	174616.00	1,286	7.3	9.83 x 5.12 x 6.3
	10	29.0	200/240	174617.00	1,588	7.3	9.83 x 5.12 x 6.3
	15	42.0	200/240	174618.00	2,468	20	12.33 x 6.88 x 8.08
	20	54.0	200/240	174619.00	3,034	20	12.33 x 6.88 x 8.08
400-480 Volts	1/2	1.1	400/480	174620.00	613	3	7.5 x 3.9 x 4.35
	1	2.1	400/480	174621.00	658	3.2	7.5 x 3.9 x 4.35
	1.5	3.0	400/480	174622.00	713	3.6	7.5 x 3.9 x 5.45
	2	3.5	400/480	174623.00	761	3.7	7.5 x 3.9 x 5.45
	3	4.8	400/480	174624.00	896	3.7	7.5 x 3.9 x 5.45
	5	8.2	400/480	174625.00	1,014	4.3	7.5 x 3.9 x 5.8
	7.5	11.0	400/480	174626.00	1,284	7.3	9.83 x 5.12 x 6.3
	10	14.0	400/480	174627.00	1,586	7.3	9.83 x 5.12 x 6.3
	15	21.0	400/480	174628.00	2,475	20	12.33 x 6.88 x 8.08
	20	27.0	400/480	174629.00	3,043	20	12.33 x 6.88 x 8.08
	25	35.0	400/480	174630.00	3,776	20	12.33 x 6.88 x 8.08
	30	45.0	400/480	174991.00	4,483	13.5	12.5 x 6.92 x 8.09
	40	59.0	400/480	174992.00	4,984	24	14.19 x 8.72 x 10.07
	50	74.0	400/480	174710.00	6,846	31	17.19 x 8.72 x 10.07
	60	87.0	400/480	174711.00	8,330	35	20.19 x 8.72 x 10.07
480-590 Volts	1	1.7	480/590	174631.00	758	3.2	7.5 x 3.9 x 4.35
	2	2.7	480/590	174632.00	845	3.7	7.5 x 3.9 x 5.45
	3	3.9	480/590	174633.00	977	3.8	7.5 x 3.9 x 5.45
	5	6.1	480/590	174634.00	1,104	4.2	7.5 x 3.9 x 5.8
	7.5	9.0	480/590	174635.00	1,378	7.3	9.83 x 5.12 x 6.3
	10	11.0	480/590	174636.00	1,700	7.3	9.83 x 5.12 x 6.3
	15	17.0	480/590	174637.00	2,727	20	12.33 x 6.88 x 8.08
	20	22.0	480/590	174638.00	3,512	20	12.33 x 6.88 x 8.08
	25	27.0	480/590	174639.00	4,067	20	12.33 x 6.88 x 8.08

◘ User programmable for 50Hz and other voltage inputs

Specifications are subject to change without notice

AC / DC Controls

SM4 Series Flux Vector Series AC Inverters
NEMA 4 IP65 Enclosure Protection

General Specifications:
- Indoor use only inverter that is designed to be used with vector duty motors
- Typical applications would include: packaging machinery, food processing, conveying systems, machinery and HVAC systems
- Enclosure: NEMA 4, IP65, -10 to 55°C, derate per °C above 40°C

Standard Features:

Easy Set-up and Operation: Program the Vector control in one of four convenient ways:
- From the front of the drive
- The optional remote keypad
- A PC Using TechLink software

(Available free from www.leeson.com)
- The innovative EPM programmer

Modes of operation:
- Open Loop Flux Vector (speed or torque)
- V/Hz (constant or variable)
- Enhanced V/Hz with auto-tuning

Easy to Use Keypad & Display

6-Button Interface:
- Start
- Stop
- Forward/reverse
- Scroll up
- Scroll down
- Enter/mode

Vivid Illumination:
- 4 digit LED display
- Easy to read from a distance
- Movable decimal point

Acceleration/Deceleration Profiles:
- Two independent accel ramps
- Two independent decel ramps
- Linear or S-type
- Auxiliary ramp-to-stop

Output Frequency:
- 500 Hz Std., 1000 Hz optional

Selectable Logic Assertion:
- Positive logic input (PNP current sourcing)
- Negative logic input (NPN current sinking)

Multiple Braking Functions
- Loss of follower management
- Speed commands: keypad, jog, floating point control
- Voltage: scalable 0-10 VDC,
- Current: scalable 4-20 mA, potentiometer,
- 8 Preset speeds
- Process control: PID modes: direct or reverse acting,
- PID sleep mode
- Voltage monitoring
- Current monitoring
- Real time monitoring: 8 register fault history, software version drive network ID, DC bus
- Voltage (V), motor voltage (V), output current (%) motor current (A), motor torque (%), power (kW) energy consumption (kWh), heatsink
- Temperature (°C), 0-10 VDC input (user defined), 4-20 mA input (user defined) PID feedback (user defined), analog output (% load, % torque, kW), network speed (baud rate), terminal continuity, keypad status,
- Elapsed run time (hours), elapsed power on time (hours)
- Standards: UL (USA), cUL (Canada), CE (Europe), GOST (Russia/Ukraine) C-Tick (Australia/New Zealand)

Single Phase Input / Three Phase Output
(Use with three phase 230V motor)

Voltage	HP	Output Amps	Input Voltage¤	Catalog Number	List Price	App. Wgt. (lbs)	Dimensions H x W x D (in.)
115/230 Volts	1/2	2.4	115/230	174652.00	737	3.6	8.0 x 6.28 x 4.47
	1	4.2	115/230	174653.00	840	3.6	8.0 x 6.28 x 4.47
	1 1/2	6.0	115/230	174654.00	1,022	3.6	8.0 x 6.28 x 4.47

Specifications are subject to change without notice

Single or Three Phase Input / Three Phase Output
(Use with three phase 230V motor)

Voltage	HP	Output Amps	Input Voltage¤	Catalog Number	List Price	App. Wgt. (lbs)	Dimensions H x W x D (in.)
208-240 Volts	1/2	2.4	208-240	174655.00	663	3.6	8.0 x 6.28 x 4.47
	1	4.2	208-240	174656.00	710	3.6	8.0 x 6.28 x 4.47
	1 1/2	6.0	208-240	174657.00	831	5.9	8.0 x 6.28 x 6.31
	2	7.0	208-240	174658.00	901	5.9	8.0 x 6.28 x 6.31
	3	9.6	208-240	174659.00	1,078	7.1	8.0 x 7.12 x 6.77

Specifications are subject to change without notice
¤ User programmable for 50Hz and other voltage inputs -3-phase only

Three Phase Input / Three Phase Output

Voltage	HP	Output Amps	Input Voltage¤	Catalog Number	List Price	App. Wgt. (lbs)	Dimensions H x W x D (in.)
208-240 Volts	5	16.5	208-240	174660.00	1,339	11.58	10.0 x 8.96 x 8.0
	7.5	23.0	208-240	174661.00∫	1,801	10.98	10.0 x 8.04 x 8.0
	10	29.0	208-240	174662.00∫	2,273	10.98	10.0 x 8.04 x 8.0
	15	42.0	208-240	174699.00∫	3,204	25	14.5 x 9.42 x 9.45
	20	54.0	208-240	174700.00∫	4,368	26	14.5 x 9.42 x 9.45
400-480 Volts	1/2	1.1	400-480	174671.00	794	3.6	8.0 x 6.28 x 4.47
	1	2.1	400-480	174672.00	854	3.6	8.0 x 6.28 x 4.47
	1.5	3.0	400-480	174673.00	924	5.9	8.0 x 6.28 x 6.31
	2	3.5	400-480	174674.00	1,007	5.9	8.0 x 6.28 x 6.31
	3	4.8	400-480	174675.00	1,148	5.9	8.0 x 6.28 x 6.31
	5	8.2	400-480	174676.00	1,423	11.58	10.0 x 8.96 x 8.0
	7.5	11.0	400-480	174677.00	1,792	11.58	10.0 x 8.96 x 8.0
	10	14.0	400-480	174678.00∫	2,142	10.98	10.0 x 8.04 x 8.0
	15	21.0	400-480	174701.00∫	3,091	25	14.5 x 9.42 x 9.45
	20	27.0	400-480	174702.00∫	4,141	26	14.5 x 9.42 x 9.45
	25	34.0	400-480	174703.00∫	5,182	26	14.5 x 9.42 x 9.45
	30	40.0	400-480	174704.00∫	5,979	31	18.5 x 9.42 x 9.45
480-590 Volts	1	1.7	480-590	174663.00	924	3.61	8.0 x 6.28 x 4.47
	2	2.7	480-590	174664.00	1,093	5.9	8.0 x 6.28 x 6.31
	3	3.9	480-590	174665.00	1,264	5.9	8.0 x 6.28 x 6.31
	5	6.1	480-590	174666.00	1,563	11.58	10.0 x 8.96 x 8.0
	7.5	9.0	480-590	174667.00	1,978	11.58	10.0 x 8.96 x 8.0
	10	11.0	480-590	174668.00∫	2,357	10.98	10.0 x 8.04 x 8.0

∫ = fan cooled - other controls are convection cooled
¤ User programmable for 50Hz and other voltage inputs

Specifications are subject to change without notice

AC / DC Controls

SM Plus Sub-Micro AC Inverters
IP 20 Enclosure Protection

SM PLUS

General Specifications:

- Ultra-compact designs include 18 isolated I/O terminals plus
- RS485 Modbus® serial communication

Features:

- Removable electronic programming module
- Input line voltage calibration—optimizes over and under voltage trip levels
- Current limit to 180% with frequency foldback
- Adjustable carrier frequency (4 to 10 kHz)
- Adjustable V/Hz
- Output frequency to 240 Hz
- Seven preset speeds
- Automatic restart after fault
- Control via drive face, terminal strip or optional remote keypad
- Coast or ramp to stop
- Independent accel and decel adjustment
- Forward only or forward and reverse direction
- Adjustable DC injection braking
- Speed reference: Keypad, 0-10 VDC, or 4-20 mA
- Speed reference calibration
- Speed and load indicating output signal selection: 0-10 VDC or 4-20mA
- Output signal calibration
- Fixed boost for high starting torque
- Accel boost for high torque accelerating at any speed
- Slip compensation
- Three-digit LED display
- Password protection
- Fault history: Stores eight previous trips
- Terminal status indication
- IP20 enclosure with finger safe terminals
- Dynamic braking and remote keypad kits available on pages 380-381

Single Phase Input / Three Phase Output
(Use with three phase 230V motor)

Voltage	HP	Output Amps	Input Voltage	Catalog Number	List Price	App. Wgt. (lbs)	Dimensions H x W x D (in.)
115/230 Volts	1	4.2	115/230	174492.00	992	4	B1
	1 1/2	6.0	115/230	174445.00	1,119	5	B1

Specifications are subject to change without notice

Single or Three Phase Input / Three Phase Output
(Use with three phase 230V motor)

Voltage	HP	Output Amps	Input Voltage	Catalog Number	List Price	App. Wgt. (lbs)	Dimensions H x W x D (in.)
200-240 Volts	1/4	1.4	200-240	174452.00	711	2	A1
	1/2	2.2	200-240	174453.00	743	2	A1
	1	4.2	200-240	174454.00	798	3	A2
	1 1/2	6.0	200-240	174493.00	949	4	B1
	2	6.8	200-240	174494.00	1,050	5	B2
	3	9.6	200-240	174495.00	1,272	5	B2
	5	15.2	200-240	174444.00	1,746	8	C1

Specifications are subject to change without notice

 User programmable for 50Hz and other voltage inputs 3-phase only

Three Phase Input / Three Phase Output

Voltage	HP	Output Amps	Input Voltage	Catalog Number	List Price	App. Wgt. (lbs)	Dimensions H x W x D (in.)
200-240 Volts	1	4.2	200-240	174455.00	735	3	A2
	1 1/2	6.0	200-240	174456.00	863	3	A3
	2	6.8	200-240	174457.00	953	4	A3
	3	9.6	200-240	174458.00	1,136	4	A3
	5	15.2	200-240	174446.00	1,462	4	B2
	7 1/2	22	200-240	174438.00	1,999	8	C1
	10	28	200-240	174439.00	2,387	8	C1
	15	42	200-240	174429.00	3,090	13	D1
	20	54	200-240	174430.00	3,791	14	D1
400-480 Volts	1/2	1.1	400-480	174459.00	828	2	A1
	1	2.1	400-480	174460.00	891	3	A2
	1 1/2	3.0	400-480	174461.00	975	3	A3
	2	3.4	400-480	174462.00	1,075	4	A3
	3	4.8	400-480	174463.00	1,200	4	A3
	5	7.6	400-480	174447.00	1,530	5	B2
	7 1/2	11	400-480	174440.00	1,999	8	C1
	10	14	400-480	174441.00	2,387	8	C1
	15	21	400-480	174431.00	3,030	13	D1
	20	27	400-480	174432.00	3,711	14	D1
	25	34	400-480	174433.00	4,417	14	D1
	30	40	400-480	174500.00	5,133	14	D1
480-590 Volts	1	1.7	480-590	174464.00	953	3	A2
	2	3.0	480-590	174491.00	1,142	4	A3
	3	4.2	480-590	174497.00	1,356	5	B2
	5	6.6	480-590	174448.00	1,659	5	B2
	7 1/2	9.9	480-590	174442.00	2,154	8	C1
	10	12.2	480-590	174443.00	2,552	8	C1
	15	19	480-590	174434.00	3,343	8	D1
	20	24	480-590	174435.00	4,087	14	D1
	25	27	480-590	174436.00	4,836	14	D1

Specifications are subject to change without notice

 User programmable for 50Hz and other voltage inputs

Dimension Table see page 377

AC / DC Controls

SM Series Sub-Micro AC Inverters
IP 20 Enclosure Protection

SM SERIES

General Specifications:

- For applications that require less control features that you may find in the SM-Plus series inverters
- Provides 11 isolated I/O terminals with one Form A relay output

Features:

- Removable electronic programming module
- Input line voltage calibration—optimizes over and under voltage trip levels
- Current limit to 180% with frequency foldback
- Adjustable carrier frequency (4 to 10 kHz)
- Adjustable V/Hz
- Output frequency to 240 Hz
- Seven preset speeds
- Automatic restart after fault
- Control via drive face, terminal strip or optional remote keypad
- Coast or ramp to stop
- Independent accel and decel adjustment
- Forward only or forward and reverse direction
- Adjustable DC injection braking
- Speed reference: Keypad, 0-10 VDC, or 4-20 mA
- Speed reference calibration
- Fixed boost for high starting torque
- Accel boost for high torque accelerating at any speed
- Slip compensation
- Three-digit LED display
- Password protection
- Fault history: Stores eight previous trips
- Terminal status indication
- Default parameter reset
- IP20 enclosure with finger safe terminals
- Dynamic braking and remote keypad kits available on pages 380

Single Phase Input / Three Phase Output
(Use with three phase 230V motor)

Voltage	HP	Output Amps	Input Voltage	Catalog Number	List Price	App. Wgt. (lbs)	Dimensions H x W x D (in.)
110-120 Volts	1/3	1.7	110-120	174263.00	484	2	A5
	1/2	2.4	110-120	174264.00	525	2	A5
	1	4.2	110-120	174265.00	697	3	B5
	1 1/2	6.0	110-120	174266.00	791	3	B5

Specifications are subject to change without notice

Single Phase Input / Three Phase Output
(Use with three phase 230V motor)

Voltage	HP	Output Amps	Input Voltage	Catalog Number	List Price	App. Wgt. (lbs)	Dimensions H x W x D (in.)
200-240 Volts	1/3	1.7	200-240	174267.00	447	2	A5
	1/2	2.4	200-240	174268.00	471	2	A5
	1	4.2	200-240	174270.00	525	3	A6
	1 1/2	6.0	200-240	174271.00	632	4	B5
	2	7.0	200-240	174272.00	744	5	B5
	3	9.6	200-240	174273.00	874	5	B6

Specifications are subject to change without notice

Three Phase Input / Three Phase Output

Voltage	HP	Output Amps	Input Voltage	Catalog Number	List Price	App. Wgt. (lbs)	Dimensions H x W x D (in.)
200-240 Volts	1/2	2.4	200-240	174274.00	447	2	A5
	1	4.2	200-240	174276.00	497	2	A6
	1.5	6.0	200-240	174277.00	591	3	A7
	2	7.0	200-240	174278.00	674	3	A7
	3	9.6	200-240	174279.00	747	3	B6
	5	15.2	200-240	174288.00	952	5	B2
	7.5	22.0	200-240	174280.00	1,316	8	C1
	10	28.0	200-240	174290.00	1,338	8	C1
	15	42.0	200-240	174292.00	2,406	14	D1
400-480 Volts	1/2	1.1	400-480	174281.00	600	2	A1
	1	2.1	400-480	174282.00	640	3	A2
	1.5	3.0	400-480	174283.00	695	3	A3
	2	3.4	400-480	174284.00	743	4	A3
	3	4.8	400-480	174286.00	813	4	B1
	5	7.8	400-480	174287.00	974	5	B2
	7.5	11.0	400-480	174285.00	1,264	5	B2
	10	14.0	400-480	174291.00	1,506	8	C1
	15	21.0	400-480	174293.00	1,780	8	C1

 User programmable for 50Hz and other voltage inputs
Specifications are subject to change without notice

Dimension Table see page 377

AC / DC Controls

AC Control Kits

Dynamic Braking Components For The Micro Series Drives Micro Series Drives can be modified to include dynamic braking. The modifications involve replacing board(s) inside of the drive as well as adding a Dynamic Braking Resistor in a separate enclosure. Larger drives require a combination of Dynamic Braking Board and an additional Form C Relay Board. Instructions are included with the boards. Also available as a modification, see Mod Squad section, see page 408.

Dynamic Braking Boards*

Drive HP	Drive Voltage Rating	Catalog Number	List Price	App. Wgt. (lbs)
1/2-3	All	174184.00	441	2
5	200-230V	174185.00	480	2
5	460-480V	174185.00	480	2
5	550-575V	174184.00	441	2

* Dynamic braking resistors are required with the dynamic braking boards.

Specifications are subject to change without notice

Dynamic Braking Resistors**

Drive HP	Drive Voltage Rating	Catalog Number	List Price	App. Wgt. (lbs)
1/2	200-230V	174178.00	194	1
1	200-230V	174179.00	194	1
	460-480V	174179.00	194	1
	550-575V	174178.00	194	1
1 1/2	200-230V	174179.00	194	1
2	200-230V	174180.00	194	1
	460-480V	174180.00	194	1
	550-575V	174179.00	194	1
3	200-230V	174182.00	274	1
	460-480V	174182.00	274	1
	550-575V	174181.00	274	1
5	200-230V	174183.00	274	1
	460-480V	174183.00	274	1
	550-575V	174182.00	274	1
7 1/2	200-230V	174143.00	318	1
	460-480V	174143.00	318	1
	550-575V	174148.00	318	1
10	200-230V	174143.00	318	1
	460-480V	174143.00	318	1
	550-575V	174148.00	318	1
15-20	200-230V	174144.00	484	1
	460-480V	174144.00	484	1
	550-575V	174149.00	496	1
25-30	200-230V	174145.00	816	1
	460-480V	174145.00	816	1
	550-575V	174140.00	837	1
40	460-480V	174146.00	1,065	1
	550-575V	174141.00	1,065	1
50-60	460-480V	174147.00	1,231	1
	550-575V	174142.00	1,231	1

** Dynamic braking Resistors are provided with mounting brackets.

Specifications are subject to change without notice

Dynamic Braking Boards With Form C Relay Board*

Drive HP	Drive Voltage Rating	Catalog Number	List Price	App. Wgt. (lbs)
7 1/2	200-230V	174192.00	424	2
7 1/2	460-480V	174193.00	424	2
7 1/2	550-575V	174193.00	424	2
10-60	All	174192.00	424	2

* Dynamic braking resistors are required with the dynamic braking boards.

Specifications are subject to change without notice

AC Control Kits

Cable and Keypad are purchased separately. Installing the remote keypad and cable involves partially dis-assembling the drive. Instructions are included with the keypad. Also available as a modification, see Mod Squad section.

Remote Keypads & Cables
(For Micro Series, NEMA 1, Drives*)

Item	Catalog Number	List Price	App. Wgt. (lbs)
Keypad	174177.00	255	2
2.5 ft. Cable	174174.00	75	2
5 ft. Cable	174175.00	108	2
10 ft. Cable	174176.00	175	2

* Compatible with any Micro Series, NEMA 1, drive.

NOTE: Using the remote keypad on a WASHGUARD Duty Inverter is not recommended, for the control will no longer meet NEMA 4/12 sealing requirements.

Specifications are subject to change without notice

Micro Series Dimension Information
Techlink Programming and Monitoring Software

Techlink Software is a powerful Drive Configuration tool that works in a Microsoft Windows environment. TechLink supports the following drives sold by LEESON: Micro Series, SM Plus Series and SM Vector Series.

TechLink allows a drive program to be created off line and to access the drive directly while connected over RS232 or RS485 (depending on the drive). RS485 supports several drives on one drive network but will require an RS232 to RS485 converter for most personal computers.

First time users visit LEESON's website, under "Links and Downloads" to download TechLink Software.

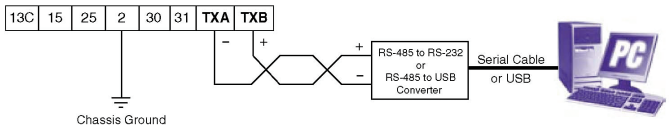
LEESON frequently updates Techlink software and the Models files to keep current with our expanding product offering and upgrades to our existing lines. If you have Techlink software installed on your computer and would like to check to see if you have the most current version of the TechLink program or the Models data, check the versions on the opening TechLink screen to the versions below. You will only need to download the program that has been updated. Each program below is a self extracting zip file; after expanding, run setup.exe to install.

The diagrams below illustrate how to connect the LEESON Micro Series, SM Plus and SM Vector Series drives to a computer in order to use the TechLink software.

Note 1: When using serial communications, terminal 2 on the drive MUST be connected to chassis ground.

SM Plus & SM Vector Series

The SM Plus and SM Vector Series drives are RS-485, so a RS-232 to RS-485 or USB to RS-485 converter is required. The converter connects to the computer using a standard serial connection. A twisted pair connects the converter to the drive.

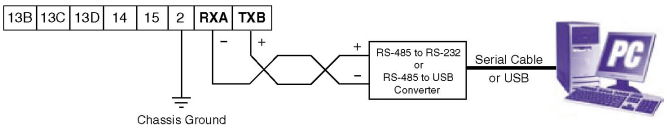


SM Plus & SM Vector Series Control Strip

Note 2: Refer to the converter manufacturer's instructions for proper converter configuration. The converter is not supplied by LEESON.

Micro Series

The Micro Series is RS-485, so a RS-232 to RS-485 or USB to RS-485 converter is required. The converter connects to the computer using a standard serial or USB connection. A twisted pair connects the converter to the drive.



Micro Series Control Strip

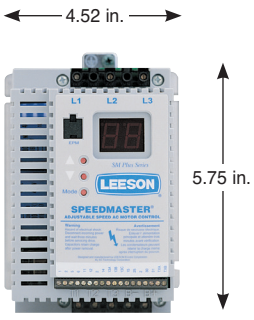
Note: 3 Refer to the converter manufacturer's instructions for proper converter configuration. The converter is not supplied by LEESON.

DIMENSIONS: SM AND SM PLUS SERIES INVERTERS

"A" Chassis

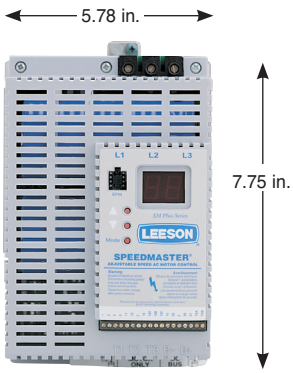
Depth: A1: 3.94 in.
A2: 4.74 in.
A3: 5.74 in.
A5: 3.26 in.
A6: 3.63 in.
A7: 5.56 in.

"B" Chassis



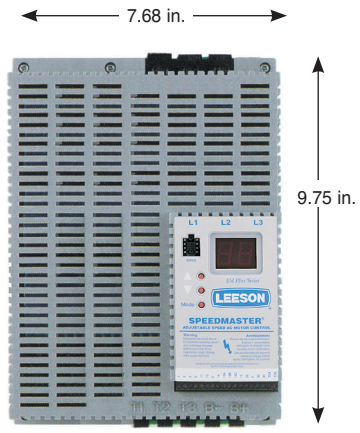
Depth: B1: 5.24 in.
B2: 6.74 in.
B5: 4.88 in.
B6: 5.53 in.

"C" Chassis



Depth: C1: 7.18 in.

"D" Chassis



Depth: D1: 8.00 in.

Dimensions shown for reference only. Contact LEESON for detailed drawing.

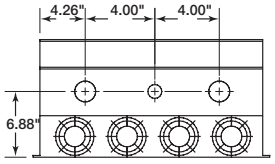
PDF file of Manual available at www.leeson.com/Technical Information

Specifications are subject to change without notice

AC / DC Controls

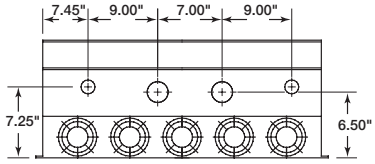
Dimension Information for Micro Series Drives

CONDUIT HOLES FOR 174578.00



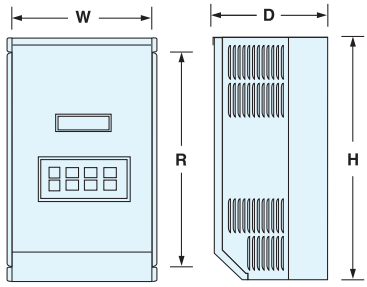
Conduit Holes: Large holes = 1.75"
Small hole = 1.13"

CONDUIT HOLES FOR 174586.00

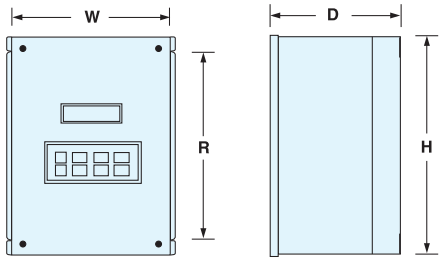


Conduit Holes: Large holes = 3.00"
Small holes = 1.13"

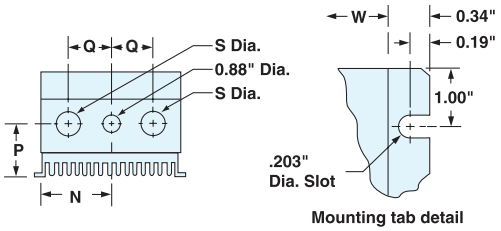
NEMA 1 ONLY



NEMA 4/12
WASHGUARD ONLY



NEMA 1 & NEMA 4/12

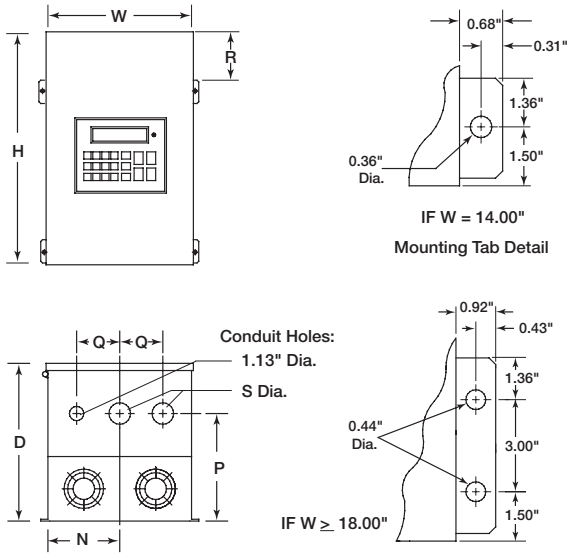


Mounting tab detail

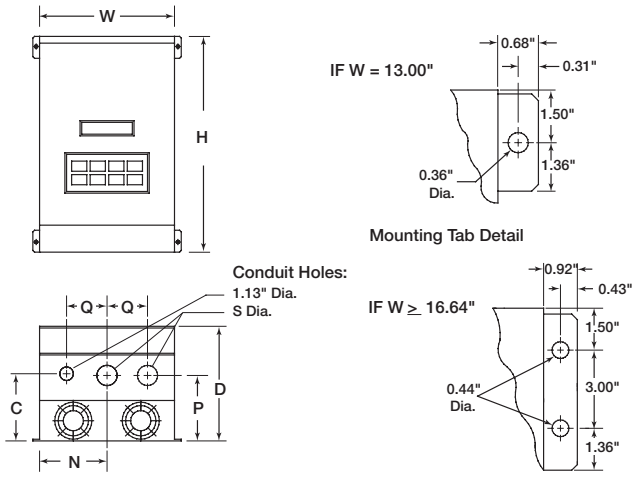
Micro Series Inverter - Dims. (Inches) - NEMA 1, NEMA 4/12 & NEMA 4X

Dimension Key	H	W	D	N	P	Q	R	S
A	7.5	4.7	3.33	2.35	1.6	1.37	5.5	0.88
B	7.5	4.7	3.63	2.35	1.9	1.37	5.5	0.88
C	7.5	4.7	4.33	2.35	2.6	1.37	5.5	0.88
D	7.5	6.12	4.22	3.77	2.4	1.37	5.5	0.88
E	7.5	6.12	5.12	3.77	3.3	1.37	5.5	0.88
F	7.88	7.86	5.94	5.13	3.95	1.5	5.88	1.13
G	7.88	6.12	4.35	3.06	2.7	1.37	5.88	0.88
H	7.88	7.86	4.9	4.8	3.25	1.37	5.88	0.88
I	9.38	7.86	6.25	5.13	3.95	1.5	7.38	1.13
J	7.88	7.86	5.9	4.8	4.25	1.37	5.88	0.88
K	9.75	10.26	7.2	5.13	5.25	2	7.75	1.13
L	11.25	7.86	6.84	3.93	4.19	2	7.75	1.38
M	9.38	7.86	6.84	3.93	4.19	2	5.88	1.13
N	12.75	7.86	6.84	3.93	4.19	2	9.25	1.38
O	12.75	7.86	7.4	3.93	4.19	2	9.25	1.38
P	12.75	10.26	7.74	5.13	5	2.5	9.25	1.38
Q	11.75	10.26	8.35	5.13	5.75	2	9.75	1.13
R	9.38	7.86	7.4	3.93	4.19	2	5.88	1.13
S	12.75	10.26	8.25	5.13	5	2.5	9.25	1.38
T	15.75	10.26	8.35	5.13	5.75	2.5	12.25	1.38
U	13.75	10.26	8.35	5.13	5.75	2	11.75	1.38
V	15.75	10.26	8.35	5.13	5.75	2	13.75	1.38
W	19.75	10.26	8.55	5.13	5.75	2.5	16.25	1.75
X	7.88	7.86	3.75	4.8	2.1	1.37	5.88	0.88
Y	7.88	6.12	5.25	3.06	3.6	1.37	5.88	0.88
Z	20.25	10.26	8.35	5.13	5.75	2	16.25	1.38
AA	15.75	10.26	8.35	5.13	5.75	2	11.75	1.38
AB	21	13.72	8.35	5.13	6.1	2	16.25	1.38
AC	7.5	6.12	3.63	3.77	1.8	1.37	5.5	0.88
AD	7.88	6.12	3.63	3.06	2	1.37	5.88	0.88
AE	25	13	10.5	5.56	6.5	2.62	–	1.38
AF	47	16.64	11.85		SEE CHART			
AG	29	16.64	11.85	7.14	6.88	3.12	–	1.75
AH	29	24.42	11.85	11.12	6.5	4.5	–	2.5
AI	29	36.66	11.85	11.5	9	4.5	–	2.5
AJ	37	18	13.3	7.5	8	3.13	7.14	1.75
AK	39	26	13.3	11.5	9	4.5	9.14	2.5
AL	29	36.66	11.85		SEE CHART			
AM	31	14	11.86	6	7.5	2.62	5.64	1.38
AN	49	18	13.3	7.5	8	3.13	7.14	1.75
AO	39	26	13.3	11.5	9	4.5	9.14	2.5

Type 12 Dimensions for models rated above 30HP at 240/200 VAC and 60 HP at 400/480 VAC



Type 1 Dimensions for models rated above 30HP at 240/200 VAC and 60 HP at 590/480/400 VAC



Electronic Programing Unit

Electronic Programming Unit allows off-line set-up and replication of the drive's plug-in electronic programming module (shown at right). Excellent for multi-drive applications. Keypad input and alphanumeric display simplify programming. RS-232 serial port allows downloading of configuration files from personal computer.

Catalog Number	List Price	App. Wgt. (lbs)
174189.00	883	2

EPM Bulk Pack

Plug-in electronic programming modules (EPM). Allow off-line set-up and replication of program using Electronic Programming Unit. Set of 10.

Catalog Number	List Price	App. Wgt. (lbs)
174190.00	195	1

Specifications are subject to change without notice

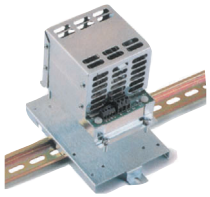
Inverter Accessory Parts

Discriptor	Catalog Number	List Price
Micro Series Keypad	006707.01	59
Speed Pot (10k/5w pot, washers & nut)	006708.01	62

Specifications are subject to change without notice

AC / DC Controls

AC Control Kits
Accessories For The SM, SM-Plus & SM Vector Series Drives



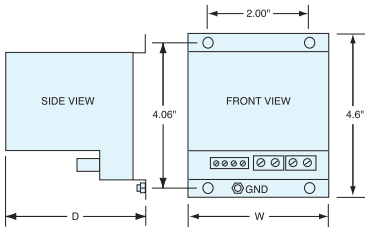
Dynamic Braking Modules With Built-in Dynamic Braking Resistors¤

Dynamic Braking Components for the SM, SM-Plus & SM Vector Series Drives Dynamic braking is available for the SM, SM-Plus and SM Vector series drives as a separate Dynamic Braking Module. Lower HP modules have the control electronics and the dynamic braking resistor in one convenient package. Larger units require a separate resistor. The modules can be panel or DIN rail mounted.

Drive HP	Motor Voltage Rating	Catalog Number	List Price	App. Wgt. (lbs)
1/4-1/2	208-230V	174400.00	328	2
	400-480V	174406.00	328	2
1 - 1 1/2	208-230V	174401.00	381	3
	400-480V	174407.00	381	3
1 - 1 1/2	480-590V	174412.00	381	3
2 - 3	208-230V	174402.00	517	4
	400-480V	174408.00	517	4
	480-590V	174413.00	517	4
5	208-230V	174403.00	675	5
	400-480V	174409.00	675	5
	480-590V	174414.00	675	5
7 1/2	208-230V	174404.00	853	6
	400-480V	174410.00	853	6
	480-590V	174415.00	853	6
10	208-230V	174405.00	1,030	8
	400-480V	174411.00	1,030	8
	480-590V	174416.00	1,030	8

¤ Braking Resistors are included with the module and not purchased separately.

Specifications are subject to change without notice

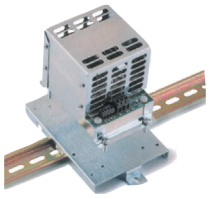


Dynamic Braking Modules Without Resistors*

Drive HP	Motor Voltage Rating	Catalog Number	List Price	App. Wgt. (lbs)
15-20	208-230V	174417.00	441	10
15-30	400-480V	174418.00	441	10
15-25	480-590V	174419.00	441	10

* Dynamic Braking Resistors are purchased and mounted separately.
Specifications are subject to change without notice

Accessories For The SM2 Flux Vector Series Drives
Dynamic Braking Components for the SM2 Vector Series Drives



Dynamic Braking Modules With Built-in Dynamic Braking Resistors¤

Dynamic Braking Components for the SM2 Vector Series Drives Dynamic braking is available for the SM2 Vector Series drives as a separate Dynamic Braking Module. 10 HP and lower modules have control electronics and the dynamic braking resistor in one convenient package. Larger units require a separate resistor. The modules can be panel or DIN rail mounted.

Drive HP	Motor Voltage Rating	Catalog Number	List Price	App. Wgt. (lbs)
1/3-1/2	208 - 230V	174157.00	319	2
	400 - 480V	174158.00	319	2
1 - 1 1/2	208 - 230V	174151.00	373	3
	400 - 480V	174152.00	373	3
	480 - 590V	174153.00	373	3
2 - 3	208 - 230V	174154.00	508	4
	400 - 480V	174155.00	508	4
	480 - 590V	174156.00	508	4
5	208 - 230v	174159.00	662	5
	400 - 480V	174160.00	662	5
	480 - 590V	174161.00	662	5
7 1/2	208 - 230V	174162.00	836	6
	400 - 480V	174163.00	836	6
	480 - 590V	174164.00	836	6
10	208 - 230V	174165.00	1010	8
	400 - 480V	174166.00	1010	8
	480 - 590V	174167.00	1010	8

¤ Braking Resistors are included with the module and not purchased separately.

Specifications are subject to change without notice

Dynamic Braking Resistors**

Drive HP	Motor Voltage Rating	Catalog Number	List Price	App. Wgt. (lbs)
15-20	208-230V	174144.00	484	1
15-20	400-480V	174144.00	484	1
15-20	480-590V	174149.00	496	1
15-30	400-480V	174145.00	816	1
25	480-590V	174140.00	837	1

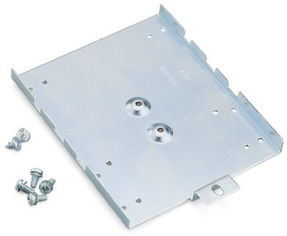
** Dynamic Braking Resistors are provided with mounting brackets.
Specifications are subject to change without notice

DIN Rail - Mounting Kits

Steel plates and fasteners for mounting drives on standard 35mm DIN rails for panel building. Set of six.
174186 for "A" chassis drives.
174187 for "B" chassis drives.
174188 for "C" chassis drives.
Refer to SM Plus and SM Series Dimension Tables for A, B & C listing information.

Catalog Number	List Price	App. Wgt. (lbs)
174186.00	181	3
174187.00	203	3
174188.00	242	3

Specifications are subject to change without notice



SM4 Remote Keypad

Potentiometer Kit takes the place of the up/down buttons on the drive's keypad gives operators hands-on speed control over the Inverter's speed range

Use with Width (W) dim. of:	Catalog Number	List Price	App. Wgt. (lbs)
6.28 or 7.12	174693.00	152	2
8.04 or 8.96	174697.00	157	2

Specifications are subject to change without notice

EPM Bulk Pack

Plug-in electronic programming modules (EPM). Allow off-line set-up and replication of program using Electronic Programming Unit. Set of 10.

Catalog Number	List Price	App. Wgt. (lbs)
174190.00	195	1

Specifications are subject to change without notice

Remote Keypad

Remote keypad kit includes eight-foot connecting cable and gasket. Mounted in proper enclosure, the keypad kit will provide up to NEMA 4 protection.

Drive Type	Catalog Number	List Price	App. Wgt. (lbs)
SM Plus	174191.00	262	2
SM Series	174194.00	213	2
SM2 Vector	174150.00	257	2

Specifications are subject to change without notice

Accessories / Kits

NEMA D Flange Kits - LEESON Motors Only

Motor Accessories - Field Installed
Steel and Cast Iron Frame Motors

Includes parts to convert a rigid base mounted motor to NEMA D face with base.
Shaded frame indicates cast iron motor kits for 150 and 170 series motors.
NOTE: The D Flange Kits can only be used on rigid base motors. They will not fit NEMA C face motors.

Frame	Enclosure	D Flange Kit Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
143T-145T	Enclosed	163115.60	145	6	
182T-184T	Open / Enclosed	175694.00	282	12	D
	Enclosed	175658.60	299	12	G
	Enclosed	175807.60	299	14	
213T-215T	Open	175114.60	441	14	
	Enclosed	175115.60	441	14	G
	Enclosed	175959.60	441	14	
254T-256T	Open	175116.60	565	25	
	Enclosed	175192.60	565	25	
284T-286T	Open	175118.60	675	42	
	Enclosed	175119.60	675	52	
324T-326T	Open	175120.60	865	57	G
	Enclosed	175121.60	865	57	
	Open	175455.60	1,171	57	
364T-365T	Open	175955.60	1,020	72	
	Enclosed	175657.60	1,020	72	
	Open	175602.60	1,273	72	
	Enclosed	175604.60	1,273	72	
404T-405T	Open 4 & 6-pole	175956.60	1,416	90	I
	Enclosed	175957.60	1,416	90	
444T-445T	Open 4 & 6-pole	175607.60	1,640	106	I
	Enclosed 4 & 6-pole	175608.60	1,640	106	I

Green items Are For Premium Efficient Motors Only

Shaded frames are for Cast Iron Motors

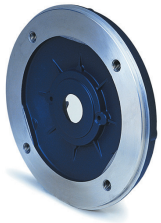
Specifications are subject to change without notice

♥ Notes:

D Use this kit for 182-4T and S213T motors with catalog numbers 131454.00 and higher, or with a G prefix.

G Not for use with Premium efficient motors

I For use with 1200 and 1800 RPM motors only.



Motor Accessories - Field Installed
LEESON - Steel Frame Motors

Includes parts to convert a rigid base mounted motor to NEMA C face with base.
The C Face Kits cannot be used as replacements on a factory-produced C face motor.
For motors with Catalog Numbers 092000–140999

Frame	Enclosure	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
42	Open / Enclosed	175661.00	59	2	
48	Open / Enclosed	175969.00	59	2	A
		175646.00	59	2	B
S56	Open	175000.00	59	2	
	Enclosed	175180.00	59	2	
	Open / Enclosed	175297.00	59	2	A
	Open / Enclosed	175647.00	59	2	B
56	Open	175075.00	70	2	
	Enclosed	175076.00	70	2	
56	Enclosed	LM24808	70	2	G
	Enclosed	LM24810	70	2	H
143T-145T	Open	175181.00	70	2	
	Enclosed	175077.00	70	2	
182T-184T	Open / Enclosed	175691.00	84	3	D
182T-184T Special	Open / Enclosed	175294.00	84	5	E
S213T	Open / Enclosed	175693.00	160	2	D
213T-215T (1750,1140, & 850 RPM)	Open	175845.00	160	19	
	Enclosed	175844.00	160	15	
213T-215T (3450 RPM)	ODP	175303.00	150	15	F
	Enclosed	175304.00	150	15	F

Specifications are subject to change without notice

1) When changing a rigid mount motor to C Face motor, a non-NEMA BA dimension may result.
2) Some larger HP 56-frame motors have larger shaft-end bearings and require a 143T-145T C Face kit.

♥ Notes:
A For use with motors having "K" or "P" suffix on date code.
B For motors manufactured after January 1, 2007, having a "B" suffix letter after the motor's date code.
D Use this kit for 182-4T and S213T motors with catalog numbers 131454 and higher, or with a G prefix.
E Converts a 182T-184T frame motor to the C-face dimensions of a 143T-145T or 182U184U frame motor –
F For use with 213T-215T 3600 RPM motors only.
G For use with new Industrial AG motors that start with "17"
H For use with 56HZ Industrial AG motor 117867.00

Accessories / Kits

NEMA C Face Kits

Motor Accessories - Field Installed
Lincoln - Steel Frame Motors

Models - SREW, SSEW, SRD, SSD, SRF, SSF, SF

Frame	SYN RPM	Enclosure	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
56	All	SREW, SRD	LM24631	70	2	1
56	All	SREW, SRD	LM24807	70	2	2
56	All	SRF	LM24808	70	2	1
56	All	SRF	LM24810	70	2	2
143T-145T	All	SSEW, SSD	LM24807	70	2	2
143T-145T	All	SSF	LM24810	70	2	2
182T-184T	All	SSF	LM25736	135	12	
182T-184T	All	SSEW, SRD, SSF	175691.00	84	3	4
213T-215T	All	SSEW, SSD	LM25737	159	15	
213T-215T	All	SSF	LM25738	159	12	
254T-256T	All	SSD	LM25740	204	13	
284T/TS-286T/TS	2 & 6-Pole	SD	LM24062	380	20	3
324T/TS-326T/TS	All	SD	LM24063	494	47	
324T/TS-326T/TS	All	SF	LM24057	549	33	
364T/TS-365T/TS	All	SD	LM24064	828	53	
404T/TS-405T/TS	All	SD	LM24065	1090	55	
404T/TS-405T/TS	All	SF	LM24059	1090	53	
444T/TS-445T/TS	3600	SD	LM24066	1190	80	
444T/TS-445T/TS	1200 & 1800	SD	LM24067	1190	88	
444T/TS-449T/TS	3600	SF	LM24060	1318	98	
444T/TS-449T/TS	1800 & 1200	SF	LM24061	1318	98	
447T/TS-449T/TS	3600	SD	LM24068	1318	98	
447T/TS-449T/TS	1200 & 1800	SD	LM24069	1318	98	

Specifications are subject to change without notice

When changing a rigid mount motor to C Face motor, a non-NEMA BA dimension may result.

♥ Notes:
1 - 56 frames with 203 drive end bearing
2 - 56 & 143/5T frame motors with a 205 drive end bearing
3 - For 2-Pole and 6-Pole motors
4 - Motors built having the letter "M" after the date code

Motor Accessories - Field Installed
LEESON - Ultimate E Cast Iron Motors

Includes parts to convert a rigid base mounted motor to NEMA C face with base.
The C Face Kits cannot be used as replacements on a factory-produced C face motor.
LEESON Ultimate E "199" Series Cast Iron and Rolled Steel Motors

Frame	Enclosure	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
182T-184T	TEFC	176024.00	191	14	A
182T-184T	ODP	176064.00	81	14	A
213T-215T	TEFC	176025.00	191	22	A
213T-215T	ODP	176065.00	128	22	A
254TS-256TS	TEFC	176026.00	292	32	B
254T-256T	TEFC	176027.00	292	32	C
254TS-256TS	ODP	176066.00	263	32	B
254T-256T	ODP	176067.00	263	32	C
284TS-286TS	TEFC	176028.00	405	38	B
284T-286T	TEFC	176029.00	405	38	C
284TS-286TS	ODP	176068.00	407	38	B
284T-286T	ODP	176069.00	407	38	C
324TS-326TS	TEFC	176030.00	525	45	B
324T-326T	TEFC	176031.00	525	45	C
324TS-326TS	ODP	176070.00	525	45	B
324T-326T	ODP	176071.00	525	45	C
364TS-365TS	TEFC	176032.00	717	85	B
364T-365T	TEFC	176033.00	717	85	C
364TS-365TS	ODP	176072.00	706	85	B
364T-365T	ODP	176073.00	706	85	C
404TS-405TS	TEFC	176034.00	903	175	B
404T-405T	TEFC	176035.00	903	175	C
404TS-405TS	ODP	176074.00	654	95	B
404T-405T	ODP	176075.00	654	95	C
444TS-445TS	TEFC	176036.00	1,263	225	B
444T-445T	TEFC	176037.00	1,263	225	C
444TS-445TS	ODP	176076.00	1,146	140	B
444T-445T	ODP	176077.00	1,193	140	C
447TS	TEFC	176038.00	1,397	250	B
447T-449T	TEFC	176039.00	1,397	225	C

Specifications are subject to change without notice

When changing a rigid mount motor to C Face motor, a non-NEMA BA dimension may result.

♥ Notes:
A - All Poles
B - 2-pole only
C - 4 & 6-pole only

Accessories / Kits

NEMA C Face Kits

Motor Accessories - Field Installed
LEESON - Cast Iron Motors

Includes parts to convert a rigid base mounted motor to NEMA C face with base.
The C Face Kits cannot be used as replacements on a factory-produced C face motor.
For 150, G150 and 170 Series Cast Iron Motors Only

Frame	Enclosure	Catalog Number	List Price	♥ Notes
143T-145T	Enclosed	163116.60	145	
182T-184T	Enclosed	175805.60	191	
182T-184T	Enclosed	175804.60	191	E
213T-215T	Open	175066.60	191	
	Enclosed	175068.60	191	G
	Enclosed	175869.60	191	
254T-256T	Open	175067.60	292	
	Enclosed	175191.60	292	
284T/TS-286T/TS	Open	175058.60	405	
	Enclosed	175061.60	405	
324T/TS-326T/TS	Open	175059.60	525	G
	Open	175454.60	525	
	Enclosed	175062.60	525	
364T/TS-365T/TS	Open	175060.60	878	
	Enclosed	175063.60	878	
	Open	175601.60	878	H
	Enclosed	175603.60	878	H
404T/TS-405T/TS	Open	175605.60	1,154	
	Enclosed	175199.60	1,154	
444T/TS-445T/TS	Open	175606.60	1,263	
	Enclosed	175664.60	1,263	
447T/TS-449T	Enclosed 4 & 6-pole	175958.60	1,397	
	Enclosed 2-pole	176004.60	1,360	

Green items Are For Premium Efficient Motors Only
Specifications are subject to change without notice

When changing a rigid mount motor to C Face motor, a non-NEMA BA dimension may result.

♥ Notes:
E - For use to replace the C-Face on a 182/184TC frame motor only
G - Not for use with Premium efficient motors
H - For 364T/TS -365T/TS frame motors built 2007 and later

IEEE-841 Motors C Face Kits

Frame	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
145T	175787.00	201	7	
182T-184T	175788.00	300	10	
213T-215T	175789.00	359	16	
254T-256T	175790.00	425	35	
284T/TS-286T/TS	175791.00	555	47	
324T/TS-326T/TS	175794.00	642	89	
364T-365T	175795.00	1,011	95	
364TS-365TS	175796.00	886	91	
404T-405T	175797.00	1,129	129	
444T-445T	176056.00	1,944	175	Model #s containing THFS
444TS-445TS	176057.00	1,944	108	Model #s containing TSHFS
444T-445T	176058.00	1,944	201	Model #s containing THFN
444TS-445TS	176059.00	1,944	199	Model #s containing TSHFN

When changing a rigid mount motor to C Face motor, a non-NEMA BA dimension may result.
Specifications are subject to change without notice

Motor Accessories - Field Installed
Lincoln - Cast Iron Frame Motors

Frame	SYN RPM	Enclosure	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
143T	All	CCN, CCF, CCS	LM24811	70	7	
145T	All	CCN, CCF, CCS	LM24815	83	7	
182T-184T	All	CCF, CCS	LM25736	135	12	
182T-184T	All	CCF	175805.60	191	12	5
213T-215T	All	CCF, CCS	LM25739	159	20	
213T-215T	All	CCF	175869.60	191	15	5
254T-256T	All	CCF, CCS	LM27681	274	36	
254T-256T	All	CCD	LM31014	204	15	
254T-256T	All	CCF	175191.60	292	25	5
284T-286T	All	CCF, CCS	LM27576	380	42	
284T/TS-286T/TS	All	CCD	LM31019	380	35	
284T/TS-286T/TS	All	CCF	175061.60	405	42	5
324T/TS-326T/TS, 324U/US-326U/US	All	CCF, CCS	LM28624	549	78	
324T/TS-326T/TS	All	CCF	175062.60	525	57	5
364T-365T	All	CCF, CCS	LM32284	828	78	
364T/TS-365T/TS	All	CCF	175603.60	878	75	5
364TS-365TS	All	CCF, CCS	LM32285	870	78	
364U-365U	All	CCF, CCS	LM32286	870	78	
404T-405T, 404U-405U	All	CCF, CCS	LM28501	1,090	85	
404TS-405TS	All	CCF, CCS	LM32288	1,145	85	
404T/TS-405T/TS	All	CCF	175199.60	1,154	60	5
444T-445T	All	CCF, CCS	LM32290	1,181	96	
444TS-445TS	All	CCF, CCS	LM32291	1,181	96	
444T/TS-445T/TS	All	CCF	175664.60	1,263	115	
447T-449T	All	CCF, CCS	LM32292	1,305	98	
447T-449T	1800 & 1200	CCF, CCS	LM32293	1,305	98	
447T-449T	1800 & 1200	CCF	175958.60	1,397	112	5
447TS-449TS	3600	CCF	176004.60	1,397	112	5

Green items Are For Premium Efficient Motors Only

Specifications are subject to change without notice
When changing a rigid mount motor to C Face motor, a non-NEMA BA dimension may result.

♥Notes
5 For Lincoln CI motors that start with LM6 and model numbers ending with AP21

Accessories / Kits

NEMA C Face Kits

Motor Accessories - Field Installed
Lincoln - Aluminum Frame Motors

Frame	SYN RPM	Enclosure	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
182T-184T	All	AAF	LM26679	159	10	
182T-184T	All	AAF	175691.00	84	10	6
213T-215T	All	AAF	LM30146	185	15	
254T-256T	All	AF/AAF	LM30147	274	26	
284T/TS-286T/TS	All	AF/AAF	LM20116	380	28	

Specifications are subject to change without notice

NOTE: When changing a rigid mount motor to C Face motor, a non-NEMA BA dimension may result.

♥Notes
6 For Lincoln AL motors where the model numbers end with AP26

Kits and Accessories
Rodent Screen Kits

Frame	Enclosure	Catalog Number	List Price	App. Wgt. (lbs.)
182T-184T	Open	175872.00	138	1
213T-215T	Open	175871.00	248	1
254T-256T	Open	175873.00	356	2
284T-286T	Open	175874.00	356	3
324T	Open	175894.00	835	5
326T	Open	175875.00	835	4

Shaded frames are for Cast Iron Motors
Specifications are subject to change without notice

Chemical Service/
Severe Duty Conversion Kits

WATTSaver e

For use with LEESON Cast Iron **Wattsaver e** motors and "G15" Series motors. Cast iron fan covers for cast iron motors. Designed to easily convert TEFC motors to all cast iron construction. All these motors have inert, corrosion resistant fiber filled thermoplastic fan as standard. Kit includes one cast iron fan cover.

NEMA Frame	IEC Frame	Catalog Number	List Price	App. Wgt. (lbs.)
182T-184T	---	175663.60	226	10
213T-215T	---	175050.60	329	12
254T-256T	160	175051.60	442	18
284T-286T	180	175052.60	772	22
324T-326T	200	175053.60	806	29
364T-365T	225	175054.60	1204	39
404T-405T	250	175055.60	1311	49
444T-445T	280	175056.60	1485	59
447T-449T	---	175891.60	1485	112

Specifications are subject to change without notice

Accessories / Kits

Drip-Cover Kits
For Drip-Proof Motors - LEESON Motors Only

Each kit includes one drip-cover. Designed to protect drip-proof motors from rain, snow and ice when mounted outdoors in a vertical position.

NEMA Frame	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
48-S56	175003.00	55	2	
	175298.00	55	2	A
56	175004.00	64	2	
143T-145T	175792.00	64	2	A
182T-184T	175614.00	80	3	
	175961.00	74	3	
213T-215T	175846.00	113	12	
	175305.00	113	12	F
213T-215T	175962.00	113	4	
254T-256T	175963.00	144	7	

Shaded frames are for Cast Iron Motors
Specifications are subject to change without notice

♥Notes
A For use with motors having "K" or "P" suffix on date code
F For use with 213T-215T 3600 RPM motors only

Lint-Cover / Drip-Cover Kit
For TEFC Motors - LEESON Motors Only

NEMA Frame	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
56-143T-145T	175024.00	99	2	
	175778.00	99	2	J
182T-184T	175695.00	191	3	D
213T-215T	175849.00	113	12	K

For Steel Frame Motors Only
Specifications are subject to change without notice

♥Notes
D Use this kit for 182-4T and S213T motors with catalog numbers 131454 and higher or with a G prefix
J For motors having face mounted fan guard
K For use with 1800 RPM motors only

Lint-Cover / Drip-Cover Kit
For Cast Iron - TEFC Motors - LEESON Motors Only

WATTSaver

Wattsaver and "G15" Series Motors

NEMA Frame	Catalog Number	List Price	Add. Motor Length (inches)
TEFC 210 frame	176044.60	169	2.0
TEFC 250 frame	176045.60	241	2.0
TEFC 280 frame	176046.60	325	2.0
326T - 2-pole	176053.60	443	2.2
TEFC 320 frame 4 & 6-pole	176047.60	443	2.2
TEFC 360 frame (small stator)	176048.60	538	2.4
TEFC 360 frame (Motors built after 2007)	176049.60	721	2.8
TEFC 400 frame	176050.60	721	2.8
TEFC 440 frame 2-pole	176051.60	819	3.2
440 - 4 & 6-pole	176054.60	819	3.2
TEFC 447/9 frame 2 pole	176052.60	881	3.6
447/9T - 4 & 6-pole	176055.60	881	3.6

For use with Catalog numbers that begin with "17" or "G15."
Specifications are subject to change without notice

Accessories / Kits

JP Pump Drip Cover Kits

NEMA Frame	Enclosure	Catalog Number	List Price	♥ Notes
56-145JP	ODP or TEFC	175932.00	35	
182JP-184JP	ODP	175933.00	39	
213JP-215JP	ODP	175305.00	113	L

Specifications are subject to change without notice

♥Notes:
L For use with 213T-215T (213JP-215JP) 3600 RPM motors only

Motor Accessories - Blower Fan Kits
Field Installed
LEESON Motors Only

These kits are used for converting LEESON motors to totally enclosed blower cooled motors. Cooling per MG1.6 (IC46) The kits are designed for inverter and vector drive applications where continuous cooling is required regardless of motor shaft speed. The kit is mounted on the back of the motor after removing the fan guard and fan. Modifying the shaft is not required.

For use with Rolled Steel TEFC Motors only

Blower Voltage	Blower Motor Phase	NEMA Frame	Catalog Number	List Price	CFM	App. Wt. (lbs.)
115	1	56-145T	175775.00^	867	115	4
115	1	182-4T	175895.00	972	115	4
115	1	213-5T	175896.00	1015	235	5

^ For 56/145T motors having face mounted (plastic) fan guards.
Specifications are subject to change without notice

For use with 150, G150 & 170 Series Cast Iron TEFC Motors only

Blower Voltage	Blower Motor Phase	NEMA Frame	Catalog Number	List Price	CFM	App. Wt. (lbs.)
115	1	182-4T	175674.00	972	260	10
115	1	213-5T	175675.00	1,015	260	11
115	1	254-6T	175676.00	1,090	260	17
115	1	284-6T	175677.00	1,309	500	24
115	1	324-6T	175678.00	1,396	500	28
230/460	3	360T	175879.00	2,897	500	35
230/460	3	360T	176002.00 ◊	3,215	500	35
230/460	3	400T	175880.00	3,215	500	45
230/460	3	444T/445T	175558.00	3,679	500	55

◊ Use with 360T frame motors built 2007 and later
Specifications are subject to change without notice

Encoder Kits - LEESON Motors Only

Specifications:

These kits include the parts and encoder for field assembly of slim-line, through-shaft encoder designed to slip over the motor's fan end shaft. Blower kit sold separately.

Features:

- Output is 1024 pulses per revolution
- 5 to 28 VDC line driver output. Short-circuit protection is standard. Inputs are over voltage and reverse voltage protected. Electrical noise immunity exceeds international standards. Encoders are isolated from shaft currents using hard anodized sleeves and non metallic anti-rotation hardware. Designed for long-life in industrial environments using an all-metal, shock resistant code disk. The encoder is protected by the motor's fan cover after mounting. Using a blower fan kit is suggested for proper motor cooling.
- Short circuit protection
- Isolated from shaft currents
- Shock resistant code disks
- Use with blower kits to protect and cool motors

For use with rolled steel, TEFC motors only

NEMA Frame	Catalog Number	List Price
56-145T	175960.00	1,218
182-4T	175897.00	1,764
213-5T	175898.00	1,764

Specifications are subject to change without notice

For use with 150, G150 & 170 series cast iron TEFC motors only

NEMA Frame	Catalog Number	List Price
182-4T	175684.00	1,511
213-5T	175685.00	1,511
254-6T	175686.00	2,439
284-6T	175687.00	2,439
320T	175641.00	2,487
360T	175642.00	2,487
400T	175643.00	2,487
440T (2 pole)	175644.00	2,487
440T (4/6 pole)	175645.00	2,487

Specifications are subject to change without notice

For use with LEESON Speedmaster® 2000:1, 810000 series inverter duty motors only

Encoder Description	Enclosure	Frame	Brand / Mod	PPR	Catalog Number	List Price
Modular Mount, 5-15 VDC, with EPIC connector	TENV	143-256T	Northstar SL56	1024	E175927.00	3406
Shaft Mount, 5-26 VDC, with 10 pin connector	TENV	143-256T	Dynapar HS35	1024	E175928.00	2188
Shaft Mount, 5-26 VDC, with 10 pin connector	TENV	143-256T	BEI HS35	1024	E175929.00	2188
Shaft Mount, 5-26 VDC, with 10 pin connector	TENV	143-256T	Dynapar HS35	2048	E175930.00	2188
Shaft Mount, 5-26 VDC, with 10 pin connector	TENV	143-256T	BEI HS35	2048	E175931.00	2188
Modular Mount, 5-15 VDC (Encoder Conduit Box Required)	TEBC	284-449T	Northstar SL56	1024	E175921.00	3406
Shaft Mount, 5-26 VDC (Encoder Conduit Box Required)	TEBC	284-449T	Dynapar HS35	1024	E175922.00	2188
Shaft Mount, 5-26 VDC (Encoder Conduit Box Required)	TEBC	284-449T	BEI HS35	1024	E175923.00	2188
Shaft Mount, 5-26 VDC (Encoder Conduit Box Required)	TEBC	284-449T	Dynapar HS35	2048	E175924.00	2188
Shaft Mount, 5-26 VDC (Encoder Conduit Box Required)	TEBC	284-449T	BEI HS35	2048	E175925.00	2188
Conduit Box Required for all TEBC Units	—	—	—	—	ECB175926.00	243

Specifications are subject to change without notice

Accessories / Kits

Terminal Block Kits

Terminal block kits for 150 and 170 Series NEMA Frame Cast Iron motors. Can also be used for replacement on 193 Series Cast Iron and 192 Series aluminum IEC metric motors.

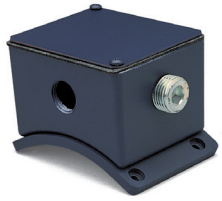
NEMA Frame	IEC Frame	Catalog Number	List Price	App. Wgt. (lbs.)
—	63-90L	175881.00≠	18	1
180/210T	100/112/132	175668.60	39	2
250/280T	160/180	175667.60	43	3
320/360T	200/225	175666.60	66	4
400/440T	250/280	175665.60	102	5

≠ Replacement terminal board for Aluminum frame IEC motors.

Specifications are subject to change without notice

Accessories / Kits

Die Cast Aluminum Conduit Box Conversion Kit
LEESON Motors Only



56/140-frame kit (pictured) includes die cast aluminum conduit box, cover, gaskets, grounding screw, mounting hardware and adapter plate for mounting box on existing holes in motor. 180 and 210-frame kits include all parts required to replace the conduit box including the die cast conduit box, plug, cover, gaskets and mounting hardware. No adapter plate is required because these kits mount on existing holes. All conduit boxes have 1/2-NPT tapped lead exit holes on two adjacent sides with one hole plugged. Note: the kit will not work with larger HP single-phase 210-frame motors.

NEMA Frame	Catalog Number	List Price	App. Wgt. (lbs.)
56-140T	175892.00	81	2
182-4T	175649.00	98	2
213-5T	175847.00	118	11

Specifications are subject to change without notice

Explosion - Proof Conduit Box

UL and CSA listed for Class I, Group C & D, and Class II, Groups E, F & G locations. Has grounding screw and all hardware provided. Mounts to motor by 3/4"-14NPT opening at rear of box. For NEMA 56 & 143-5T frame motors only. Box number 175755.00 has a 1" NPT thread.

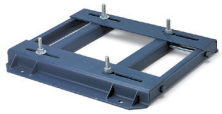
Catalog Number	List Price	App. Wgt. (lbs.)
175026.00	110	2
175755.00 (1)	110	2

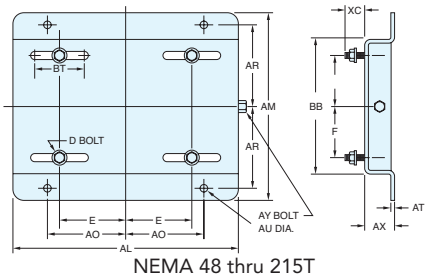
(1) For motors having a letter P after the date code.

Specifications are subject to change without notice

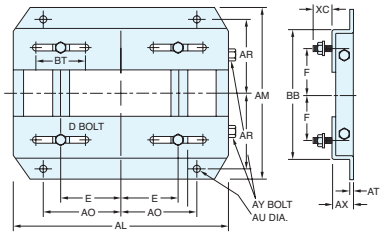
Adjustable Motor Bases - NEMA 48-447T Frames

Heavy gauge steel mounting bases simplify the installation of motors and make the tensioning, maintenance and replacement of belts a simple efficient task. Fabricated from sheet or steel plate, then primed and finished in a gray rust and corrosion resistant oven-baked finish. Gussets and reinforcing channels on larger units and continuous seam welding on all units give these bases strength and durability for a long life. A single (215T frame and smaller) or double (NEMA 254T frame and larger) zinc plated adjusting screw is provided. Motor mounting bolts are included. Adjustable motor bases are designed to mount to your existing motor's base.





NEMA 48 thru 215T



NEMA 254T thru 447T

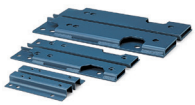
Frame	List Price	Catalog Number	AL	AM	AX	BB	E	F	AO	AR	AU**	BT	AT	XC	D* Bolt	AY Bolt	App. Wgt. (lbs.)
48	83	175032.00	10	6¼	1⅛	4¼	2⅛	1⅜	3½	2¾	⅜	3.00	0.08	⅞	5/16 x 1	⅜ x 4	2
56	83	175033.00	10⅝	6½	1⅛	4½	2 7/16	1½	31 3/16	2⅞	⅜	3.00	0.08	⅞	5/16 x 1	⅜ x 4	3
143T	99	175034.00	10½	7½	1⅛	5½	2¾	2	3¾	3⅜	⅜	3.00	0.12	1 1/16	5/15 x 1	⅜ x 4	5
145T	99	175035.00	10½	8½	1⅛	6½	2¾	2½	3¾	3⅞	⅜	3.00	0.12	1 1/16	5/15 x 1	⅜ x 4	6
182T	128	175036.00	12¾	9½	1½	6½	3¾	2¼	4½	4¼	½	3.00	0.13	1½	⅜ x 1¾	½ x 5	9
184T	128	175037.00	12¾	10½	1½	7½	3¾	2¾	4½	4¾	½	3.00	0.13	1½	⅜ x 1¾	½ x 5	9
213T	158	175038.00	15	11	1¾	7½	4¼	2¾	5¼	4¾	½	3½	0.16	1½	⅜ x 1¾	½ x 5	13
215T	158	175039.00	15	12½	1¾	9	4¼	3½	5¼	5½	½	3½	0.16	1½	⅜ x 1¾	½ x 5	15
254T	241	175040.00	17¾	15⅛	2	10¾	5	4⅛	6¼	6⅝	⅝	4.00	3/16	1 7/16	½ x 1¾	⅝ x 6	17
256T	241	175041.00	17¾	16⅞	2	12½	5	5	6¼	7½	⅝	4.00	3/16	1 7/16	½ x 1¾	⅝ x 6	18
284T	262	175042.00	19¾	16⅞	2	12½	5½	4¾	7	7½	⅝	4½	3/16	1 11/16	½ x 2	⅝ x 6	21
286T	262	175043.00	19¾	18⅜	2	14	5½	5½	7	8¼	⅝	4½	3/16	1 11/16	½ x 2	⅝ x 6	22
324T	346	175044.00	22¾	19¼	2½	14	6¼	5¼	8	8½	¾	5¼	3/16	2 3/16	⅝ x 2½	¾ x 9	31
326T	346	175045.00	22¾	20¾	2½	15½	6¼	6	8	9¼	¾	5¼	3/16	2 3/16	⅝ x 2½	¾ x 9	32
364T	456	175046.00	25½	20½	2½	15½	7	5⅝	9	9⅛	¾	6.00	¼	2 1/16	⅝ x 2½	¾ x 9	44
365T	456	175047.00	25½	21½	2½	16½	7	6⅛	9	9⅝	¾	6.00	¼	2 1/16	⅝ x 2½	¾ x 9	45
404T	820	175048.00	28¾	22⅜	3	16½	8	6⅛	10	9⅞	⅞	7.00	¼	2½	¾ x 3	¾ x 11	60
405T	820	175049.00	28¾	23⅞	3	18	8	6⅞	10	10⅝	⅞	7.00	¼	2½	¾ x 3	¾ x 11	61
444T	1015	175088.00	31¼	24⅝	3	19¼	9	7¼	11	11.0	⅞	7½	¼	2½	¾ x 3	¾ x 11	68
445T	1015	175089.00	31¼	26⅝	3	21¼	9	8¼	11	12.0	⅞	7½	¼	2½	¾ x 3	¾ x 11	73
447T	1119	175090.00	31¼	30⅛	3	24¾	9	10	11	13¾	⅞	7½	5/16	3	¾ x 3½	¾ x 11	92
449T	1119	175302.00	31¼	35⅛	3	29¾	9	12½	11	16¼	⅞	7½	5/16	3	¾ x 3½	¾ x 11	95

* Motor mounting bolt diameter and length, four supplied with each base.
** Base mounting bolts, four required—not supplied with base.

Specifications are subject to change without notice
NOTE: These bases are not suitable for vertical mounting. All dimensions in inches.

Transition Bases

Transition bases compensate for the difference in mounting dimensions and shaft height of a rigid base NEMA T frame to the next higher NEMA U frame. This makes it possible, for example, to replace a 10 HP NEMA 254U frame motor with a 10 HP NEMA 215T frame motor without modifying the basic installation. Made of the same high-quality materials and construction as the adjustable motor bases above. They are for horizontal mountings, shimming may be needed for direct coupled loads. Thread size listed is for mounting transition base to the "T" frame motor. Dimensions listed are for one piece—two are supplied, one for each side of the motor's foot.



Converts T Frame	To U Frame	Catalog Number	List Price	App. Wgt. (lbs.)	Height (Inches)	Width (Inches)	Length (Inches)	Thread
143T/145T	182/184	175091.00	84	2	1	2 ¼	7 ½	5/16-18
182T/184T	213/215	175092.00	122	3	¾	1 ¾	9 ½	⅜-16
213T/215T	254U/256U	175093.00	144	5	1	2 7/16	12 ¾	⅜-16
254T/256T	284U/286U	175094.00	202	8	¾	2 ¾	14 ¼	½-13
284T/286T	324U/326U	175095.00	269	10	1	3 ¼	15 ¾	½-13
324T/326T	364U/365U	175097.00	341	13	1	3 1/16	16 ½	⅝-11
364T/365T	404U/405U	175098.00	456	22	1	4 ¼	18 ⅝	⅝-11
404T/405T	444U/445U	175127.00	583	24	1	4 ¼	21 ⅝	¾-10

Specifications are subject to change without notice

Accessories / Kits

CE Field Conversion Kits
Lincoln Motors Only

Three Phase Motors Only

Model Numbers Beginning With:	Model Efficiency Code(s)	Frame Size	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
SD & SSD	P, B	143T-184T	LM22093	208	2	
		213T-215T	LM22188	208	2	
		254T-256T	LM25632	208	2	
		284T-326T	LM12429	229	2	2
		364T-365T	LM12430	690	2	1
		404T-405T	LM12454	1,114	35	1
		444T-445T	LM12463	1,441	40	1
		447T-449T	LM12479	1,441	40	1
AF & SF (also includes AB, AN & SB)	S, H	143T-145T	LM08476	208	2	
		182T-184T	LM08478	208	2	
		213T-215T	LM08582	301	2	
		254T-256T	LM08664	301	5	
		284T-286T	LM08665	301	2	3
		324T-326T	LM08709	301	2	3
		364T-365T	LM08720	343	2	3
		404T-405T	LM08738	343	2	3
		444T-445T	LM08827	1,033	40	1, 3
AF, AAF & SSF	S,P,B	143T-145T	LM18872	163	2	
		182T-184T	LM18873	208	2	
AF & SF	P, B	213T-215T	LM18874	208	1	
		254T-256T	LM18875	208	2	
		284T-286T	LM18876	301	1	
		324T-326T	LM18866	301	3	
		364T-365T	LM18868	758	35	1
		404T-405T	LM18869	343	3	
		444T-445T	LM18870	457	4	
		447T-449T	LM18871	1,246	40	1
CS, CCF & CCS (excludes those motors with NN in NOTES column)	P, B	143T-184T	LM18864	208	2	
		213T-256T	LM18865	208	2	
		284T-326T	LM18866	301	3	
		364T-405T	LM18867	343	3	
		444T-445T	LM18870	457	4	
		447T-449T	LM18871	1,246	40	1, 2
MD & SE	S	284T-286T	LM12429	229	2	
		324T-365T	LM16572	294	2	
		404T-405T	LM16574	857	40	1
		404T-405T	LM12454	1,114	35	1
		444T-445T	LM16577	1,207	40	1

Specifications are subject to change without notice

Notes: P=EPAct, B=Preimum, S=Standard Eff., G=U-Frame Standard
1. Kit includes larger than standard terminal box.
2. Terminal box is heavy gauge steel CS models normally have cast iron box
3. Blower motor on TEBC CTAC models, 284T frames and larger, is not CE compliant
* Multiguard mtrs
Usable on 380 to 575V (for others, contact Lincoln). Price includes terminal strip suitable for six connections and grounding lug. Contact Customer Service regarding nameplate with CE Mark. Copies of Lincoln's Declaration of Conformity for the Low Voltage Declaration of Conformity for the Low Voltage Directive and Manufacturer's Declaration for the Machinery Directive are available on request

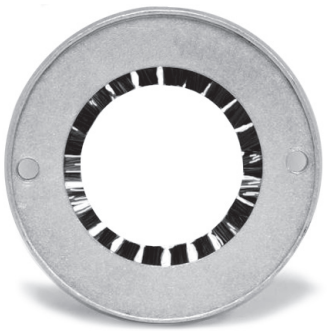
For use with Lincoln rolled steel and cast iron frame US built motors
For use with LEESON Inverter Duty, 800000 Series cast iron motors
For Use with LEESON IEEE-841 duty motors. Note - will not meet DIV 2 certification with SGRs

Shaft grounding is recommended (NEMA MG1 31.4.4.3) as an effective means of bearing protection for motors operated from inverter power. One grounding device is adequate to bleed down inverter-sourced shaft voltages, thereby protecting both bearings for motors as large as 6085 frame. Kits includes grounding ring, mounting hardware and instructions. Shaft ground rings fit these NEMA shaft extension frames listed below, they are designed to mount on the shaft end.

Note: Cannot Be Used On Explosion Proof Motors

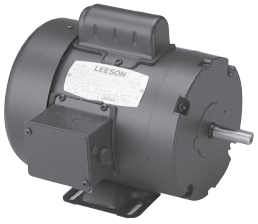
Shaft Grounding Ring (SGR)

NEMA Frame	Catalog Number	Stock	List Price
48	LM32396	√	184
56	LM32397	√	184
143-145T	LM32398	√	184
182-184T	LM32399	√	215
213-215T	LM32401	√	244
254-256T	LM32402	√	306
284-286T	LM32403	√	547
284-286TS	LM32402	√	306
324-326T	LM32405	√	429
324-326TS	LM32403	√	547
364-365T	LM32407	√	490
364-365TS	LM32403	√	547
404-405	LM32409	√	730
404-405TS	LM32405	√	429
444-445T	LM32411	√	1,283
444-445TS	LM32407	√	490
447/449T	LM32411	√	1,283
447/449TS	LM32407	√	490



Specifications are subject to change without notice

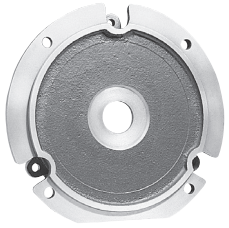
Types of Motor Mounts



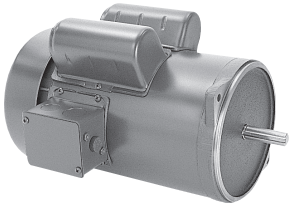
Rigid base is bolted, welded, or cast on main frame and allows motor to be rigidly mounted on equipment.

Resilient base has isolation or resilient rings between motor mounting hubs and base to absorb vibrations and noise. A conductor is imbedded in the ring to complete the circuit for grounding purposes.

NEMA C face mount is a machined face with a pilot on the shaft end which allows direct mounting with the pump or other direct coupled equipment. Bolts pass through mounted part to threaded hole in the motor face.

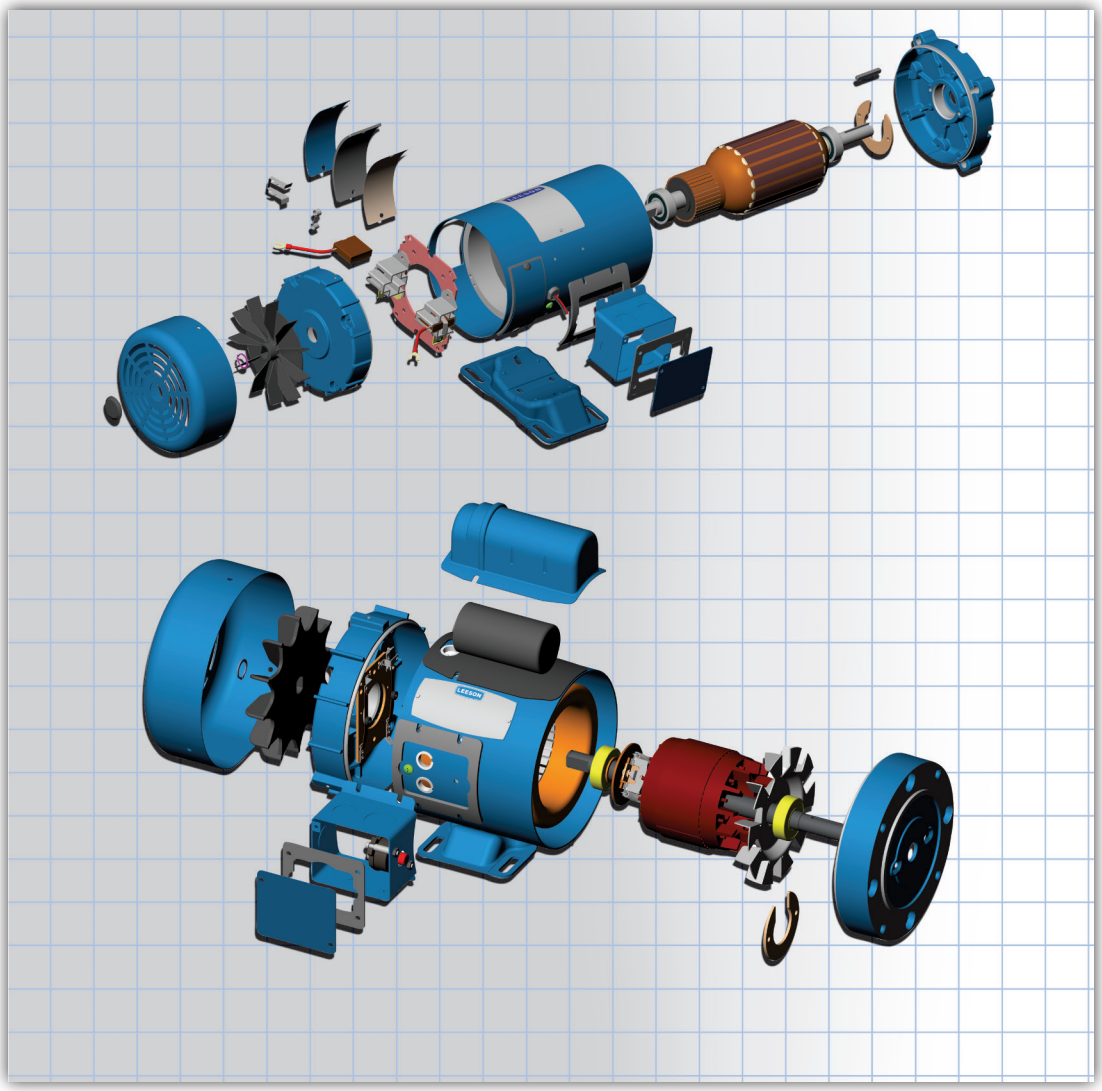


NEMA D flange mount is a machined flange with rabbet for mountings. Bolts pass through motor flange to a threaded hole in the mounted part. NEMA C face motors are by far the most popular and most readily available. NEMA D flange kits are stocked by some manufacturers, including LEESON.



Type M or N mount has special flange for direct attachment to fuel atomizing pump on an oil burner. In recent years, this type of mounting has become widely used on auger drives in poultry feeders.

Extended through-bolt motors have bolts protruding from the front or rear of the motor by which it is mounted. This is usually used on small direct drive fans or blowers.



Contact your local LEESON Sales office for genuine replacement motor parts.

Mod-Squad Stock Motor Modification Program

Your motor, your way...now

The Mod-Squad stands on alert ready to tailor a LEESON or Lincoln stock motor to meet your modified motor needs in a few days or less. From one modified motor up to a few—there is no faster, more versatile source for mechanically or electrically "customerized" motors.

Starting with an off-the-shelf LEESON or Lincoln motor selected from the nearly 6,000 LEESON or Lincoln stock motors, the modifications listed here can be completed in the time frame noted for each item.

Ordering Information

To order please specify the catalog number of the LEESON or Lincoln stock motor to be modified and the Mod-Squad modification catalog number or numbers desired.

An inventory of popular motors is maintained by the Modification Center for fast delivery. However, delivery of the modified motor is governed by availability of the stock motor. If a stock motor is shipped from a District Warehouse to the Modification Center in Indianapolis, IN, the cost of the inbound freight is added to the price of the modified motor and delivery of the modified motor will be extended by the inbound transit time.

Modification list prices are subject to the same discounts as apply to the motor. (Some motors, such as explosion-proof, may not be modified.) Days noted are working days excluding holidays and weekends—larger quantities may require additional leadtime.

MOD-SQUAD Cancellation Policy

Modified motors may not be returned for credit or re-stocking. If a modification order is cancelled before shipment, a cancellation charge of double the modification charge will be invoiced to the customer. Any Mod-Squad order cancelled before modification is completed is subject to cancellation charges of 10% of total charges for that item.

Terms are net 30 days, FOB Indianapolis, IN, with freight prepaid on single shipments of 1,500 pounds or 3,000 dollars or more to the first destination within the continental United States, excluding Alaska.

Index to Motor Modifications

Description	Mod-Squad Number	Page
Balancing - Discontinued - See Note page 398	L1	399
Bearing Modifications	L2	399
Blower Fan Kits - WATTSAVER®	L30	409
Brakemotor Modifications - LEESON Only	L3	400
CE Marking	L24	407
Condensate Drains - Totally Enclosed Motors	L8	401
Cords, Plugs & Grounding Provisions	L5	400
Drip Cover - Open, Drip-Proof Motors	L9	402
Dynamic Braking Boards - Micro Series - LEESON Only	L28	408
Encoder Kits – WATTSAVER® & SPEEDMASTER®	L29	409
Fungus Proofing and Tropicalization	L19	406
Leads - Reconnect, Remark or Extend	L10	402
Lint-Proof Textile Service Motors - LEESON Only	L17	406
Marine Service Motors - Three Phase, Totally Enclosed	L21	407
Motor Protection	L18	406
Mountings	L12	403
Nameplates	L13	405
Paint	L14	405
Remote Keypad Option - Micro Series - LEESON Only	L25	408
Rodent Screens - LEESON Only	L15	405
Severe Duty - Cast Iron Fan Covers - LEESON Only	L7	401
Shaft Modification	L22	407
Shaft Seals	L11	402
Space Heaters, Anti-Condensation	L16	405
Switches - Power or Electronic Starting	L6	401
Tachometer Mounting Provisions - DC Motors - LEESON Only	L23	407
Terminal Blocks - NEMA Motors	L27	408
Totally Enclosed Air Over Conversion	L22	407
Weatherproofing - Three Phase, Totally Enclosed Motors	L20	406
Larger Size Conduit Box - Lincoln Only	L31	409

L1 Balancing — Two Days*

The LEESON balancing modification has been discontinued due to high costs of re-balancing by an outside firm. Contact your sales office for a quote on special or precision balanced production motors, requiring a minimum order of 10 pieces or contact a LEESON Authorized Service Center for a quote on a Special balance modification.

L2 Bearing Modifications — Two Days

#L2a Changing shielded bearings to sealed bearings on stock motors. 48, 56 and 143T-145T, Agricultural motors as well as all Washguard duty and Wash-Thru motors have sealed bearings as standard. Note: Adding sealed bearings to motors having grease fittings may not make the bearings regreasable. Grease fittings will be removed and plugged.

NEMA Frame	Catalog Number	List Price
42	L2A42	192
48	L2A48	192
56	L2A56	192
143T-145T	L2A140	197
182T-184T	L2A180	215
213T-215T	L2A210	228
254T-256T	L2A250	401
284T-286T	L2A280	510
324T-326T	L2A320	671
364T-365T	L2A360	1,189
404T-405T	L2A400	1,231
444T-449T	L2A440	1,640

#L2b Stock motors with shielded or sealed bearings – replace standard bearings with ones having low-temperature lubricant (Beacon #325 or equivalent), with a temperature range of –75°F to +250°F. Standard lubricant has a temperature range of –20°F to +300°F and is considered a high temp lubricant for these motors. Explosion proof motors can only be rated to a –13°F temperature.

NEMA Frame	Catalog Number	List Price
42	L2B42	192
48	L2B48	192
56	L2B56	192
143T-145T	L2B140	197
182T-184T*	L2B180	215
213T-215T*	L2B210	228

*Rolled steel, cast iron or aluminum motors

#L2c Change bearing grease on cast iron motors with open-type regreaseable bearings. Endbells and bearings are purged and repacked with low-temperature grease (Beacon #325 or equivalent) with a temperature range of -75°F to +250°F or high-temperature grease (Dow Corning DC44M or equivalent) with a temperature range of -40°F to +400°F. Specify grease to be used. Check with LEESON to verify the motor can operate in the temperature range required! LEESON Only.

NEMA Frame	IEC Frame	Catalog Number	List Price
254T-256T	–	L2C250	368
284T-286T	160	L2C280	411
324T-326T	180	L2C320	574
364T-365T	200	L2C360	614
404T-405T	225	L2C400	983
444T-449T	250	L2C440	1,351

#L2d Install insulated bearings to protect inverter-driven motors from inverter-sourced shaft voltages. May not be installed on Division 1 or Division 2 hazardous locations. Contact factory for lead time on installing insulated bearings.

NEMA Frame	Catalog Number	List Price
143T-145T	L2D140	476
182T-184T	L2D180	570
213T-215T	L2D215	1,676
254T-256T	L2D250	1,784
284T-286T	L2D280	1,784
324T-326T	L2D320	1,938
364T-365T	L2D360	1,981
404T-405T	L2D400	2,004
444T-449T	L2D440	2,221

Mods / Factory Options

L3 Brakemotor Modifications — Three Days

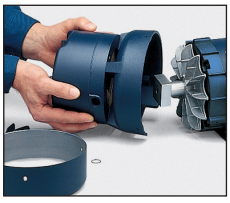
"Motors and BrakeKits sold separately"

#L3a Convert brakemotors (TENV only) with standard enclosure brakes to weatherproof brakes by changing the disc brake. Weatherproof brakes have additional sealing and protection. Price includes cost of weather-proof brake.

Catalog Number	List Price
L3A3	840
L3A6	840
L3A10	857
L3A15	883
L3A25	972

#L3b Change the standard brake to one with a different torque rating. Specify torque rating. Standard enclosure brakes only—not weatherproof. Some torque limitations apply, specify torque rating. Catalog Number L3B. List price - $164

#L3c Change Brake Coil Voltage. Change from standard coil voltage to 115 volts (for Stearns brand brakes only). Catalog Number L3C.List Price $164



BrakeKit Installation

#L3d Install a LEESON BrakeKit. See page 276 for BrakeKits available and motors that can be converted. Specify the catalog number of both the stock motor and the BrakeKit. List Price $326

#L3e Remove brake from stock brakemotor for customers supplying their own brake. Specify Catalog Number L3E. List Price $335

#L3f Assemble double C-face coupler brake on C-face motor. MOD charge is for assembly only. Brake and motor are purchased separately. Specify the catalog number of the stock motor and coupler brake.

Catalog Number L3F56140 - 56C, 143TC, or 145TC motors. List Price $326
Catalog Number L3F180210 - 182TC, 184TC, 213TC, or 215TC motors. List Price $480

#L3g Change Brake Coil Voltage. Change from standard coil voltage to 200 volts (for Stearns brand brakes only).

Catalog Number L3G1.5-3 – 1.5 & 3 lb-ft brakes. List Price $397
Catalog Number L3G6-10 – 6 & 10 lb-ft brakes. List Price $397

L5 Cords, Plugs and Grounding Provisions — Three Days

#L5a For single phase motors, install grounded line cord of type S.O., three-conductor oil resistant cord, connected in the conduit box or terminal panel, with strain relief. No plug. **Specify cord length, voltage and shaft rotation (clockwise or counterclockwise) viewed from the drive shaft end of the motor.**

Wire Gauge	Max Amp Rating Single Phase	Catalog Number 6 ft. or Less	List Price 6 ft. or Less	Catalog Number Each Add'l. Foot	List Price Each Add'l Foot to 10 ft. Max.
16	13	L5A16	160	L5A16ADD	3
14	18	L5A14	168	L5A14ADD	3
12	25	L5A12	176	L5A12ADD	4

#L5b Install 6-foot grounded type S.O. cord with plug, 115VAC single phase only. **Specify cord length, shaft rotation (clockwise or counterclockwise) viewed from the drive shaft end of the motor.**

HP	Catalog Number 6 ft. or Less	List Price 6 ft. or Less	Catalog Number Each Add'l. Foot	List Price Each Add'l Foot to 10 ft. Max.
1 and smaller	L5B	159	L5BADD	3

#L5c Add an additional grounding screw to the endbell of drip-proof or totally enclosed non-ventilated NEMA 48 or 56 frame motors. Meets UL 1081 swimming pool motor grounding provisions (includes slinger). Catalog Number L5C. List Price $140

Grounded Cord w/Plug

L6 Switches – Power or Electronic Starting — Three Days

#L6a On-off switch for 2 HP and smaller single phase motors only. Install double-pole, single-throw switch in the conduit box, with switch guard and a 6-foot type S.O. cord with grounded plug, **115 VAC or 230 VAC—please specify. Also specify shaft rotation (clockwise or counterclockwise) viewed from the drive shaft end of the motor.**

Rating	Catalog Number	List Price
16-20A/115V or 230V	L6A	339

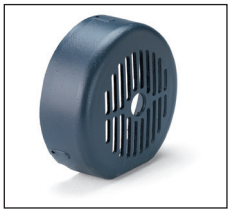
On-Off Switch w/Guard

#L6b Replace mechanical centrifugal switch on single phase motors 2HP and smaller with solid-state, encapsulated, electronic starting switch. Capacitor-start, induction-run motors only. **Subject to engineering approval.** Catalog Number L6B. List Price $355

L7 Severe Duty - Cast Iron Fan Covers - LEESON Only — Three Days

#L7a Remove steel fan guard and install a cast iron fan guard on LEESON 150, G150 and 170 series NEMA and 193 series IEC TEFC cast iron motors to meet severe duty, mill and chemical duty specifications. Note: These motors have cast iron endbells, frame, and conduit box as standard. **Lincoln Motors has a line of Severe Duty motors that include a cast iron fan guard.** See page 100.

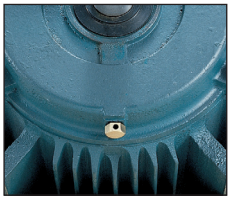
NEMA Frame	IEC Frame	Catalog Number	List Price
182T-184T	–	L7A180	356
213T-215T	–	L7A210	400
254T-256T	–	L7A250	489
284T-286T	160	L7A280	762
324T-326T	180	L7A320	790
364T-365T	200	L7A360	1,113
404T-405T	225	L7A400	1,206
444T-445T	250	L7A445	1,214
447T-449T	280	L7A449	1,238


Cast Iron Fan Cover

L8 Condensate Drains - Totally Enclosed Motors — Two Days

#L8a 215T and smaller steel frame motors. Drill one or two condensation drain holes on the periphery or in the face of each endbell of steel frame 215T frame and smaller totally enclosed motors. **Specify location in both the shaft end and opposite endbell using a drawing or clockface analogy.** When specified, a drain can be added to the face of one endbell for shaft up or down mounting.

NEMA Frame	Catalog Number	List Price
215T and smaller	L8A40210	250
254T-365T	L8A250360	347
404T-449T	L8A400440	416


Condensate Drain

#L8b 182T and larger cast iron frame motors. Provides an additional one-way, cross-drilled stainless steel condensation drain on the periphery or in the face of each endbell. Provide a drawing or clockface analogy for position in each endbell.

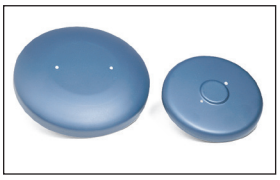
NEMA Frame	Catalog Number	List Price
215T and smaller	L8B40210	250
254T-365T	L8B250360	347
404T-449T	L8B400440	416

Mods / Factory Options

L9 Drip Cover – Open, Drip-Proof Motors — Two Days

#L9a Install a drip cover on steel frame motors. Price includes drip cover. LEESON Only

NEMA Frame	Catalog Number	List Price
48-145T	L9A40140	164
182T-184T	L9A180	178
213T-215T	L9A210	197



Drip Cover

#L9b Install a drip cover on cast iron motors. Price includes drip cover.
LEESON Only

NEMA Frame	Catalog Number	List Price
182T-184T	L9B180	178
213T-215T	L9B210	197
254T-256T	L9B250	236

#L9c Install a drip cover on SPD, SRD and SSD Model Numbers. Not suitable for use on motors having NN in Notes column.
Lincoln Only

NEMA Frame	Catalog Number	List Price
48-56*	L9C4856	164
56-145T	L9C56145	164
182T-184T	L9C182184	178
213T-215T	L9C213215	197

* Motors having a 2.18 inch bolt circle for the mounting holes

L10 Leads – Reconnect, Remark or Extend — Two Days

#L10a Re-Connect leads in the conduit box to a single voltage and/or for wye or delta connection. Most motors 444T frame and above are single voltage. Specify voltage and connection.

NEMA Frame	Catalog Number	List Price
48-145T	L10A40140	181
182T-184T	L10A180	287
213T-215T	L10A210	381
254T-256T	L10A250	427
284T-286T	L10A280	565
324T-326T	L10A320	638
364T-365T	L10A360	638
404T-405T	L10A400	715
444T-449T	L10A440	797

#L10c Extend leads up to 42 inches longer than standard by splicing. **Specify additional length required.**

NEMA Frame	Catalog Number	List Price
48-145T	L10C40140	181
182T-184T	L10C180	287
213T-215T	L10C210	381
254T-256T	L10C250	427
284T-286T	L10C280	565
324T-326T	L10C320	638
364T-365T	L10C360	638
404T-405T	L10C400	715
444T-449T	L10C440	715

#L10b Remark leads using metal markers. Any size motor. **Specify markings, letters or numbers. Specify Catalog Number L10B**. List Price $192

#L10d Add crimp-type terminal lugs – steel frame motors. Lugs standard on LEESON cast iron motors. **Specify Catalog Number L10D.** List Price $149

L11 Shaft Seals — Three Days

#L11a Install an oil seal on the shaft end of 215T and smaller steel frame LEESON motors. May be installed on single, three phase or direct current motors, but not explosion-proof motors.

Catalog Number	List Price
L11A	477

L12 Mountings

Two Days

#L12a Add a stamped steel rigid base to steel frame motors. For 182-4T frame motors, minimum 8.50" (TEFC, rigid, C face) or 8" (ODP, rigid, C face) frame length is required. LEESON Only

NEMA Frame	Catalog Number	List Price
42-48	L12A4248	192
56	L12A56	195
143T-145T	L12A140	195
182T-184T	L12A180	235
213T-215T	L12A210	287

Note: It is not possible to add a base to some three phase motors as the resulting rigid base motor will be subject to EISA mandated efficiency values. Contact the factory.
This Mod. cannot be done on an explosion proof motor for an F2 conduit box location.

#L12b Remove stamped steel rigid base from steel frame motors.

NEMA Frame	Catalog Number	List Price
42-56	L12B4256	295
143T-145T	L12B140	295

#L12c Install a NEMA C face on steel frame motors 215T and smaller. **Specify if the rigid base is to be removed. If so, add for modification #L12b listed above.** List Price includes C face Kit. LEESON Only

NEMA Frame	Catalog Number	List Price
42-56*	L12C4256	249
143T-145T	L12C140	249
182T-184T	L12C180	269
182T-184T**	L12C180U	269
213T-215T	L12C210	333

*Adding a 48 C-Face results in a non-NEMA BA dimension.
** Convert a 182T-184T frame motor to have a C-face dimensions of a 143T-145T or 182U-184U frame motor (AJ = 5 7/8 ", AK = 4 1/2"). The shaft dimensions and base location will not change.

#L12d Install a NEMA C face to 150, 170 or 199 series cast iron motors. **The rigid base cannot be removed from these cast iron frame motors.** List Price includes C Face Kit. LEESON Only

NEMA Frame	Catalog Number	List Price
182T-184T	L12D180	447
213T-215T	L12D210	487
254T-256T	L12D250	616
284T-286T	L12D280	745
324T-326T	L12D320	966
364T-365T	L12D360	1,050
404T-405T	L12D400	1,147
444T-445T	L12D440	1,410
447T-449T	L12D4479	1,490

#L12e Install a NEMA D flange to open or totally enclosed motors of steel frame construction in 182-4T frame and cast iron 150 and 170 series motors in 213T frames through 445T frame. Steel rigid base can be removed from steel frame 182-4T frame motors. **Specify and add for modification L12b.**
Rigid base cannot be removed from cast iron frame motors. List Price includes D Flange.
LEESON Only

NEMA Frame	Catalog Number	List Price
182T-184T	L12E180	447
213T-215T	L12E210	487
254T-256T	L12E250	616
284T-286T	L12E280	745
324T-326T	L12E320	966
364T-365T	L12E360	1,050
404T-405T	L12E400	1,407
444T-445T	L12E440	1,831

#L12f Convert standard F1 motors to F2, sidewall or ceiling mounting. Consists of repositioning the endbell vents and condensation drains where applicable and the conduit box lead hole. Note: If brakemotor, brake knob will be located at 6 o'clock. Note: Only the 56/140 frame motors can have the motor bases removed where needed. LEESON or Lincoln Branded motors where applicable.

NEMA Frame	Catalog Number	List Price
56-184T	L12F56180	381
213T-215T	L12F210	413
254T-326T	L12F250320	493
364T-449T	L12F360449	638

* Three phase only; single phase motors cannot be converted. Please contact factory for Explosion proof motor approval for this modification. Washdown motors cannot be converted to F2.

#L12g Rotate standard conduit box position by 90° increments. **Specify by clock face, i.e. 9 o'clock, 12 o'clock, etc. for position (viewed from shaft end).** Consists of repositioning the endbell vents and condensation drains where applicable and the conduit box lead hole. Note: If brakemotor, brake knob will be rotated 90° from conduit box. **This mod. can no longer be offered on the 180 and 210 frame motors for the bases of these motors can no longer be removed without damaging the motor. List Price includes D Flange.**

NEMA Frame	Catalog Number	List Price
56-145T	L12G56140	381

* Three phase rolled steel only; single phase motors cannot be converted.

More L12 mountings on next page.

Mods / Factory Options

L12 Mountings — Two Days

#L12h Install a metric (IEC) B5 flange to 190 series cast aluminum or cast iron AC motors and DC steel frame motors. List Price includes B-5 Kit. LEESON Only

IEC Frame	Catalog Number	List Price
63	L12H63	242
71	L12H71	250
71(DC)	L12HD71	250
80	L12H80	260
80 (DC)	L12HD80	260
90	L12H90	264
90 (DC)	L12HD90	264
100	L12H100	290
112	L12H112	300
100/112/(DC)	L12HD100112	300
132	L12H132	339
160	L12H160	487
180	L12H180	554
200	L12H200	687
225	L12H225	878

#L12i Install C Face kit to an IEEE-841 motor. Modification includes C Face kit and new Inpro shaft seal. Bases cannot be removed from these motors.

NEMA Frame	Catalog Number	List Price
143T-145T	L12I140	314
182T-184T	L12I180	447
213T-215T	L12I210	487
254T-256T	L12I250	616
284T/TS-286T/TS	L12I280	745
324T/TS-326T/TS	L12I320	966
364T-365T	L12I360	1,605
404T-405T	L12I400	1,646

#L12j Install a metric (IEC) B14 face to 190 series cast aluminum or cast iron AC motors and DC steel frame motors. List Price includes B-14 Kit. LEESON Only

IEC Frame	Catalog Number	List Price
63	L12J63	234
71	L12J71	242
71 (DC)	L12JD71	242
80	L12J80	249
80 (DC)	L12JD80	249
90	L12J90	259
90 (DC)	L12JD90	259
100	L12J100	282
112	L12J112	290
100/112 (DC)	L12JD100112	290
132	L12J132	332
160	L12J160	477

#L12k Reposition feet and nameplate (to relocate conduit box) on AC aluminum-frame IEC motors (63 thru 90L frame). LEESON Only

IEC Frame	Catalog Number	List Price
63	L12K63	170
71	L12K71	180
80	L12K80	192
90	L12K90	240

#L12l Install C Face. For motors having AF/AAF in the model number. List Price includes C Face Kit. Lincoln Only

NEMA Frame	Catalog Number	List Price
182T-184T	L12L182184	269
213T-215T	L12L213215	333
254T-256T	L12L254256	376
284T-286T	L12L284286	422

#L12m Install C Face. For motors having SRF in the model number. List Price includes C Face Kit. Lincoln Only

NEMA Frame	Catalog Number	List Price
56 (203 brg)	L12M56203	249
56 (205 brg)	L12M56205	249

#L12n Install C Face. For motors having SSF in the model number. List Price includes C Face Kit. Lincoln Only

NEMA Frame	Catalog Number	List Price
143-145T	L12N143145	249
182-184T	L12N182184	269
213-215T	L12N213215	333

#L12o Install C Face. For motors having SF in the model number, having a cast iron endbell. List Price includes C Face Kit. Lincoln Only

NEMA Frame	Catalog Number	List Price
324T/TS-326T/TS	L12O324326	966
364T/TX-365T/TS	L12O364365	1,050
404T/TS-405T/TS	L12O404405	1,147
444T/TS-445T/TS	L12O444445	1,410
447T/TS-449T/TS	L12O447449	1,490

#L12p Install C Face. For motors having CCN in the model number. List Price includes C Face Kit. Lincoln Only

NEMA Frame	Catalog Number	List Price
143-145T	L12P143145	249

#L12q Install C Face. For motors having CCF in the model number. List Price includes C Face Kit. Lincoln Only

NEMA Frame	Catalog Number	List Price
143T-145T	L12Q143145	249
182T-184T	L12Q182184	447
213T-215T	L12Q213215	487
254T-256T	L12Q254256	616
284T-286T	L12Q284286	745
342T-326T	L12Q324326	966

#L12r Install C Face. For motors having CCS in the model number. List Price includes C Face Kit. Lincoln Only

NEMA Frame	Catalog Number	List Price
143T-145T	L12R143145	249
182T-184T	L12R182184	447
213T-215T	L12R213215	487
254T-256T	L12R254256	616
284T/TS-286T/TS	L12R284286	745
342T/TS-326T/TS	L12R324326	966
364T/TS-365T/TS	L12R364365	1,050
404T/TS-405T/TS	L12R404405	1,147
444T/TS-445T/TS	L12R444445	1,410

L13 Nameplates — Three Days

#L13a Provide an extra motor nameplate-unmounted. (Nameplate only) Add customer part number or change to other voltage or frequency service. **Unmounted nameplates are not available for explosion-proof motors. Note: Markings for UL and CSA cannot be included on unmounted nameplates that are shipped loose and not installed on a motor.**① Add $1 (net) for each additional Aluminum or Mylar nameplate.② Add $2 (net) for each additional stainless steel nameplate.② Catalog Number L13A. List Price per motor $138
60Hz single phase motors cannot be re-rated to 50Hz **Must Provide Date Code Information**

#L13b Replace, existing nameplate on provided motor. Add customer part number or change to other voltage or frequency service and mount to motor.① List Price per motor $160
Note: Not available for motors that are all stainless steel construction.

#L13c Replace standard aluminum nameplate with stainless steel nameplate. LEESON cast iron, WASHGUARD and severe duty motors have stainless steel nameplates as standard.① Add $2 (net) for each additional stainless steel nameplate.② List Price per motor $164

① Must specify catalog number and date code of motor's existing nameplate. Nameplates changed to a single voltage connection does not mean motors would be re-connected to this connection unless the L10 Mod is also requested. ② Additional nameplates must be identical.

L14 Paint — Two Days*

#L14a Repaint motor to another LEESON or Lincoln stock paint color. A sample of choices include LEESON blue, white epoxy, farm duty red, light gray epoxy, black, or black epoxy. Powder coat paint is not available as a modification. For Lincoln motors, your choices include: Lincoln gray, severe duty blue, black or gloss white. Not available on Lincoln Wash-thru motors. **Specify color.**

*Note: Epoxy paint requires extra curing time. Please allow one additional day.

	Frame	Catalog Number	List Price
NEMA	42-215T	L14A40210	164
NEMA	254T-365T	L14A250360	332
NEMA	404T-449T	L14A400440	531
IEC	63-90	L14A6390	164
IEC	100-225	L14A100225	333

L15 Rodent Screens - LEESON Only — Two Days

#L15a Add rodent screens to open drip-proof motors, cast iron and steel frame, 326T and smaller.

NEMA Frame	Catalog Number	List Price
182T-S213T	L15A40210	261
254T-286T	L15A250280	596
324T-326T	L15A320	799

L16 Space Heaters, Anti-Condensation — Five Days

#L16a Add anti-condensation space heaters to totally enclosed or open motors. Standard space heater voltage is 115 VAC. **Heaters for 230 or 460 VAC are available. Specify circuit voltage.** May be installed in single, three phase or direct current motors. Explosion proof motors are not included. Washdown duty motors are not included.

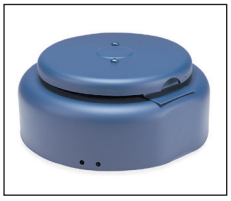
NEMA Frame	Catalog Number	List Price
145T and smaller	L16A40140	363
182T-215T	L16A180210	458
254T-365T	L16A250360	684
404T-449T	L16A400440	898

Mods / Factory Options

L17 Lint-Proof Textile Service Motors - LEESON Only — Two Days

#L17a Convert a standard totally enclosed-fan cooled motor to textile service by modifying the fan cover to reduce "snagging" of lint and reduction in cooling air for the motor. Price includes kit cost.

NEMA Frame	Catalog Number	List Price
56-145T	L17A40140	332
182T-184T	L17A180	433



Lint-Proof Kit

L18 Motor Protection — Two Days

#L18a Thermostats on the winding. Install one or more thermostats in the windings of NEMA frame AC motors on the brush plate of DC motors or on the inside of frame on Sub-FHP DC motors. These are pilot or signal devices only, to be used in series with a motor controller or starter to remove power from the motor. Red color leads are brought into the conduit box. **Specify normally open or closed contacts.** Normally closed thermostats connected in series. **Thermostats cannot be installed in explosion-proof or Washdown duty motors.**

Type	NEMA Frame	Catalog Number	No. of Devices	List Price
Single Phase	All	L18AS40210	1	207
Three Phase	42-215T	L18AT40210	2	235
Three Phase	254T-365T	L18AT250360	2	638
Three Phase	404T-449T	L18AT400440	2	797
Direct Current	42-56	L18AD4056	1	235

#L18b For a motor equipped with a thermal overload, exchange a manual or automatic reset thermal overload to the opposite style. Delivery is dependent upon availability of the thermal overload. LEESON Only
Not for Explosion Proof motors
Note: Automatic thermal overloads return power to the motor automatically after cooling-off. Automatic thermal overloads should not be used in installations where a sudden restart could cause injury.

NEMA Frame	Catalog Number	List Price
48-56	L18B4056	261
143T-145T	L18B140	266
182T-184T	L18B180	304
213T-215T	L18B210	426

#L18c Thermistors on the winding. As standard, three (3) thermistors are furnished, one per phase. As the critical temperature of the motor's winding is reached, the resistance of the thermistor changes radically, causing operation of a control relay. Not available on washdown duty motors, explosion proof motors or medium voltage motors.

Type	NEMA Frame	Catalog Number	No. of Devices	List Price
Three Phase	42-215T	L18CT40210	3	265
Three Phase	254T-365T	L18CT250360	3	668
Three Phase	404T-449T	L18CT400440	3	827

Note: Thermostat and Thermistor Descriptions:
Thermostats are made of two or three different metal strips that each expand at different rates when heated. They are sandwiched together to make a laminated strip, with a set of electrical contacts at one end securely mounted to a platform. When the strip is heated it warps and the contacts open as a threshold temperature is exceeded. Thermostats are reliable, noise immune and easily configured into control schemes. Typically, inverter-duty motors have thermostats as standard equipment.

Thermistors are conductive ceramic materials, whose resistance remains relatively constant over a broad temperature range, then changes abruptly at a design threshold point, creating essentially a solid-state thermal switch. Attached control modules register this abrupt resistance change and produce an amplified output signal, usually a contact closure or fault trip annunciation. Thermistors are more accurate and faster responding than thermostats.

L19 Fungus Proofing and Tropicalization — Two Days

#L19a Special treatment of the motors windings and mechanical parts to resist tropical environments. Not available on brakemotors, washguard duty motors and explosion proof motors.
** AC or DC Motors

NEMA Frame	Catalog Number	List Price
42-215T**	L19A40210	274
254T-365T	L19A250360	398
404T-449T	L19A400440	636

L20 Weatherproofing – Three Phase, Totally Enclosed Motors* — Five Days

#L20a Treatment of mechanical and electrical components of LEESON steel frame totally enclosed motors to resist weather in application outside or in high-moisture conditions. NOTE: LEESON 150 and 170 series cast iron motors are weatherproofed as standard. LEESON WASHGUARD motors are also well-suited for outside and high-moisture applications. Not available on brakemotors or explosion proof motors. ** AC or DC Motors

NEMA Frame	Catalog Number	List Price
42-215T**	L20A40210	268

* For single phase weatherproofed motors, see Washguard motors on pages 141 and 171.

L21 Marine Service (IEEE 45) Motors – Three Phase, Totally Enclosed - LEESON Only

Five Days

#L21a In order for a motor to be approved for the L21 MOD, the motor must meet:

- IP 54 minimum protection
- Motor frame, conduit box and endbells must be cast iron construction - cast iron fan cover must be added
- Motor's temperature rise must meet 70 degrees C or less and must be rated at 1.15 or higher Service Factor (S.F.)

Contact your local sales office for more information

NEMA Frame	Catalog Number	List Price
56-215T**	L21A40210	274
254T-365T	L21A250360	461
404T-405T	L21A400	684
444T-449T	L21A440	865

L22 Shaft Modifications

Five Days

#L22a Drill and tap one hole in either end of motors shaft or mill a flat on the drive end shaft extension. **Provide details of hole, thread size or flat with the order.** List price is per modification. For example, a motor modified by adding a tapped hole and flat would be priced by adding the list price twice.
3 inches maximum depth hole. Does not include keyway modification.

NEMA Frame	Catalog Number	List Price
42-145T	L22A40140	248
182T-184T	L22A180	261
213T-215T	L22A210	408
250T-280T	L22A250280	456

#L22b TEFC to air-over service. Convert a motor from totally enclosed, fan cooled construction to totally enclosed, air-over service by removing fan cover and fan and cutting off the fan end shaft. The modified motor must be mounted in the air stream of the driven fan for cooling purposes.

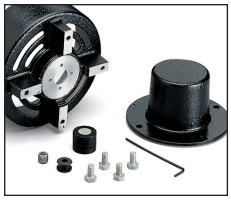
NEMA Frame	Catalog Number	List Price
42-145T	L22B40140	248
182T-184T	L22B180	261
213T-215T	L22B210	363

L23 Tachometer Mounting Provisions – DC Motors - LEESON Only

Five Days

#L23a Add a tachometer mounting kit to NEMA frame size Direct Current motors. See page 282 for availability of tachometer mounting kits. Does not include tachometer.

NEMA Frame	Catalog Number	List Price
S56	L23AS56	477
SS56	L23ASS56	592
56/145T	L23A56140	613



Tach Kit Adaptor

L24 CE Marking*

Five Days

#L24 Modify provided motor to comply with the nameplate designation, lead markings and connection diagrams required by the IEC34 motor specification. Modification includes a nameplate with the CE logo or a separate CE decal and a CE Declaration of Conformity document. Not available on DC motors below 75 V.D.C. LEESON Only

CE

CONFORMITE EUROPEENE

Catalog Number	List Price
L24	229

#L24b CE Marking Kit - Includes new nameplate only with data in IEC34 format, lead markers for IEC lead designations, a connection diagram, and a CE Declaration of Conformity document. The nameplate will have the CE logo, or a CE decal will be provided. LEESON Only
UL will not be stamped on nameplate - Must provide motors date code.

Catalog Number	List Price
L24B	138

* Explosion proof motors cannot be built or modified to meet CE.

Mods / Factory Options

L25 Micro Series Inverter - Remote Keypad Option - LEESON Only

Two Days

#L25 A remote keypad for Micro Series inverters is available only as a factory installed option. The keypad is mounted in a gasketed steel faceplate that must be mounted in an enclosure for protection. An inverter modified for remote operation can only be operated from the remote keypad. Price includes remote keypad, faceplate, cable and factory modification charges. Not available on Washguard Duty Inverters. See page 208 for Remote Keypad kits for the Sub-Micro Series Inverters.

Description	Catalog Number	List Price
Keypad with 2.5 foot cable	L25A25	557
Keypad with 5 foot cable	L25A50	608
Keypad with 10 foot cable	L25A100	711

L27 Terminal Blocks – NEMA Motors - LEESON Only

Five Days

#L27a Add a terminal block in the conduit box of rolled steel motor from 56 to 215T-frame. Install ring terminals on the motor leads.

- Conduit box on 56-frame motors will be changed to a longer version to accommodate the terminal board
- Use with single-phase or three-phase motors with no protector
- Specify connection voltage and direction of rotation for single-phase
- Not intended for 56, 143T & 145T-frame TENV or ODP motors that have a built-in conduit box. Contact LEESON for the suitability of adding a terminal board to one of these motors
- Cannot be added to WASHGUARD Duty motors

NEMA Frame	Catalog Number	List Price
56/143T/145T	L27A56140	268
182T/184T/S213T	L27A180	300
213T-215T	L27A210	330

#L27b Install a terminal block kit in the conduit box of a cast iron NEMA frame motor. Price includes kit. (IEC motors have a terminal block installed as standard.)

NEMA Frame	Catalog Number	List Price
180/210T	L27B180210	330
250/280T	L27B250280	390
320/360T	L27B320360	447
400/440T	L27B400440	587

L28 Dynamic Braking Board – Micro Series Drives - LEESON Only

Two Days

#L28 Install Dynamic Braking board in Micro Series drive. Note: Does not include Dynamic Braking resistor, which is ordered as a separate line item. See Micro Series accessory section of catalog for resistor selection. See page 363 for Dynamic Brake kits for the Sub-Micro Series inverters.

HP Rating	Voltage	Catalog Number	List Price
1/2 - 3HP	All	L28A174184	1,075
5HP	200-230V	L28A174185	1,127
5HP	460-480V	L28A174185	1,127
5HP	550-575V	L28A174184	1,075
7 1/2HP	200-230V	L28A174192	1,059
7 1/2HP	460-480V	L28A174193	1,059
7 1/2HP	550-575V	L28A174193	1,059
10-60HP	All	L28A174192	1,059

L29 Encoder Kits – WATTSAVER® & SPEEDMASTER® Motors — Two Days

#L29a Assemble a stock Encoder Kit on a WATTSAVER® motor. Price is for assembly only. Motor and kit are purchased separately. **Specify motor and kit numbers. Note:** The assembly of an encoder kit on a WATTSAVER® motor requires the removal of the external fan. The use of a Blower Fan Kit is strongly encouraged for proper cooling!

NEMA Frame	Catalog Number	List Price
56-215T	L29A56215	288
254T-324T	L29A250320	465
360T-405T	L29A360400	525

#L29b Assemble a stock Encoder Kit on a SPEEDMASTER® motor. Includes assembly of conduit box kit ECB175926 on 215T-449T frame motors. Price is for assembly only. Motor and kits are purchased separately. **Specify motor and kit numbers.** LEESON Only

NEMA Frame	Catalog Number	List Price
143T-215T	L29B140210	204
254T-365T	L29B250360	433
404T-449T	L29B400440	663

#L29c Available on Inverter Duty CTAC Motors that have Model Number ending with Q10. Price is for assembly only. Encoder kit, Mounting kit and Motor sold separately. Lincoln Only

NEMA Frame	Catalog Number	List Price
56-215T	L29C56210	204
254T-365T	L29C250360	433
404T-445T	L29C400440	663

L30 Blower Fan Kits – WATTSAVER® Motors — Two Days

#L30b Install a blower fan kit on a WATTSAVER® motor. Price is for assembly only. Motor and kit are purchased separately. **Specify motor and kit numbers.** LEESON Only

NEMA Frame	Catalog Number	List Price
56-215T	L30B56210	204
254T-326T	L30B250320	353
360T-440T	L30B360440	522

L31 Conduit Box Kits – Larger Size - Lincoln Only

#L31a Install larger size conduit box. AF, MD, SD and SF Model Numbers, S and H Efficiency Codes

NEMA Frame	Catalog Number	List Price
213T-215T	L31A213215	176
254T-256T	L31A254256	197
284T-286T	L31A284286	213
324T-326T	L31A324326	242
364T-365T	L31A364365	283
404T-405T	L31A404405	370

#L31b Install larger size conduit box. AF, AAF, CF, CS, CP, SD and SF Model Numbers, P and B Efficiency Codes

NEMA Frame	Catalog Number	List Price
143T-184T	L31B143184	161
213T-215T	L31B213215	176
254T-256T	L31B254256	197
284T-286T	L31B284286	213
324T-326T	L31B324326	242
364T-365T	L31B364365	283
404T-405T	L31B404405	370
444T-445T	L31B444449	533

CUSTOMIZED AND MODIFIED PRODUCTS

CUSTOM MOTORS, GEARBOXES & GEARMOTORS

LEESON is a leading designer and manufacturer of application-specific AC and DC motors and gearmotors in sub-fractional, fractional and integral horsepower sizes. We offer a database of over 30,000 custom designs, experienced application and design engineering teams, to ensure the best, most cost-effective custom motor solution.

CUSTOM MULTI-SPEED & LOW-SPEED MOTORS

LEESON's PDQ Modular Production Program utilizes specially designed and standard components to make almost any imaginable NEMA frame multi-speed or low-speed motor available when you need it. We pride ourselves on fast turnaround times on highly customized motors.

Custom motors include two, three and four-speed motors and speed ranges of 900, 720, 600, 450 and 300 RPMs. We also specialize in non-standard shaft designs.

For quotations, availability and application assistance, phone toll-free to our Canadian manufacturing facility at 1-800-463-1797.

Below is a listing of a few of our Factory "Build-up" options. Please contact our local Sales office for more information.

ADDITIONAL LEAD LENGTH	GROUND PROVISIONS
HIGH ALTITUDE	HARDWARE
AMBIENT	HIGH INERTIA LOAD
CONDUIT BOXES	INSULATION
BALANCE	LEADS
BEARINGS	LUBRICATION
ROLLER BEARINGS	MARINE DUTY
INSULATED BEARINGS	NAMEPLATES
BLOWER TYPES	PAINT
BRAKES	SCREENS
CONNECTIONS / CORDS	SEALS & SLINGERS
WYE DELTA	SEVERE DUTY
PART WIND START	SERVICE FACTOR
DOCUMENTATION - SUBMITTAL DATA	SHAFTS
DOWELING	SPACE HEATERS
DRAINS	TACHOMETERS - SEE ENCODERS
ENCODERS	TACONITE DUTY - SEE INPRO SEALS
END TURN BRACING	TERMINAL BLOCKS / STRIPS
END BRACKETS - FACES & FLANGES	TESTS
FREQUENCY - Other than 60HZ	THERMAL PROTECTION
GREASE FITTINGS	VERTICAL MODIFICATION
GREASE: LOW TEMP	VIBRATION DETECTOR
GREASE: HIGH TEMP	VOLTAGE - SPECIAL

Cross Reference Exception Codes

LEESON Product Base Exceptions

B01 Install base kit 175032 (Extra cost)
B02 Install base kit 175033 (Extra cost)
B03 Install base kit 175034 (Extra cost)
B04 Install base kit 175035 (Extra cost)
B05 Install base kit 175036 (Extra cost)
B06 Install base kit 175037 (Extra cost)
B07 Install base kit 175038 (Extra cost)
B08 Install base kit 175039 (Extra cost)
B09 Install base kit 175040 (Extra cost)
B10 Install base kit 175041 (Extra cost)
B11 Install base kit 175042 (Extra cost)
B12 Install base kit 175043 (Extra cost)
B13 Install base kit 175044 (Extra cost)
B14 Install base kit 175045 (Extra cost)
B15 Install base kit 175046 (Extra cost)
B16 Install base kit 175047 (Extra cost)
B17 Install base kit 175048 (Extra cost)
B18 Install base kit 175049 (Extra cost)
B19 Install base kit 175088 (Extra cost)
B20 Install base kit 175089 (Extra cost)
B21 Install base kit 175090 (Extra cost)
B22 Install base kit 175091 (Extra cost)
B23 Install base kit 175092 (Extra cost)
B24 Install base kit 175093 (Extra cost)
B25 Install base kit 175094 (Extra cost)
B26 Install base kit 175095 (Extra cost)
B27 Install base kit 175097 (Extra cost)
B28 Install base kit 175098 (Extra cost)
B29 Install base kit 175127 (Extra cost)
B30 LEESON motor has a 56 frame base
B31 LEESON motor has rigid base
B32 LEESON motor has resilient base
B33 LEESON motor has no base
B34 LEESON's motor base is not removable
B35 LEESON motor has base with mounting holes for 56 & 143-5T
B36 LEESON base mounting holes not 'Drop-in' replacement
B37 Install base kit M1760006 (Extra cost)
B38 LEESON motor has 184JM base and shaft

LEESON Product Construction Exceptions

C01 LEESON motor has steel frame
C02 LEESON motor has cast iron frame
C03 LEESON motor has mechanical switch
C04 Reassemble LEESON motor to F2 mounting
C05 LEESON motor has base with mounting holes for 56, 143-5T and 5/8" Nema 56 shaft
C06 LEESON motor is not BISSC certified
C07 LEESON motor is capacitor start/capacitor run design
C08 LEESON motor is normal efficiency
C09 LEESON motor has double shielded ball bearings
C10 LEESON motor is capacitor start/induction run design
C11 LEESON motor has 1.0 service factor
C12 LEESON motor is ball bearing design
C13 LEESON motor is 208-230 volts
C14 LEESON motor has steel fan-guard
C15 LEESON motor is premium efficiency design
C16 LEESON motor has ball bearing instead of roller bearing drive end
C17 LEESON motor does not have extended thru-bolts
C18 LEESON motor has 145TC face with 182T base
C19 LEESON motor requires C face adapter
C20 LEESON motor is 1650 RPM
C21 LEESON motor has no cord or plug
C22 LEESON motor is IP54
C23 LEESON motor is 1625 RPM
C24 LEESON motor is 1075 RPM
C25 LEESON motor is class B insulated
C26 LEESON motor is Class I Group D, Class II Groups F & G
C27 LEESON motor is 60/50HZ
C28 LEESON motor has external capacitor
C29 LEESON motor is PSC design
C30 LEESON does not have tapped-hole (as standard) for pulse generator
C31 LEESON gearbox mounting face includes 3-point mounting
C32 LEESON motor is dual voltage rated - 115/230
C33 LEESON armature voltage is 90V DC
C34 LEESON motor is 230V only
C35 LEESON motor is non-reversible
C36 LEESON motor is reversible
C37 LEESON motor shaft endshield is totally enclosed
C38 Install explosion proof conduit box 175026 (Extra cost)
C39 LEESON motor has 1.15 service factor
C40 LEESON motor has 1.25 service factor
C41 LEESON motor has 1.35 service factor
C42 LEESON motor has a 145T "C" face and shaft with welded on base
C43 LEESON motor may not be used on 190-208/380-416V 50HZ at full rated HP
C44 IEEE 841 modification required - reference mod squad motor modifications L26
C45 LEESON motor has cast iron C face
C46 LEESON motor is 60HZ Only
C47 LEESON motor is 208-230/460V
C48 LEESON motor is class F insulated
C49 LEESON motor is EPAct efficiency
C50 LEESON motor is design B
C51 LEESON motor is all stainless steel
C52 LEESON motor has 12 leads
C53 LEESON motor has standard paint
C54 LEESON motor is 460 Volt only
C55 LEESON motor has a solid-state switch
C56 LEESON motor does not rodent screens

LEESON Product Enclosure Exceptions

E01 LEESON motor is totally enclosed non-ventilated
E02 LEESON motor is totally enclosed fan-cooled
E03 LEESON motor is drip proof

LEESON Product Frame Size Exceptions

F01 LEESON frame size is 48
F02 LEESON frame size is S56
F03 LEESON frame size is 56
F04 LEESON frame size is 56C
F05 LEESON frame size is 56H
F06 LEESON frame size is 145T
F07 LEESON frame size is 145TC
F08 LEESON frame size is 182T
F09 LEESON frame size is 184T
F10 LEESON frame size is 184TC
F11 LEESON frame size is 184JM
F12 LEESON frame size is 215T
F13 LEESON frame size is 286T
F14 LEESON frame size is 326T
F15 LEESON frame size is 364T
F16 LEESON frame size is 365T
F17 LEESON frame size is 405T
F18 LEESON frame size is 444T
F19 LEESON frame size is 445T
F20 LEESON frame size is 447T
F21 LEESON frame size is D63D
F22 LEESON frame size is 143T
F23 LEESON frame size is 404T
F24 LEESON frame size is 213TC
F25 LEESON frame size is 449T
F26 LEESON frame size is 256JM
F27 LEESON frame size is 284JM
F28 LEESON frame size is 286JM
F29 LEESON frame size is 56HC
F30 LEESON frame size is SS56
F31 LEESON frame size is S213T
F32 LEESON frame size is 326TS
F33 LEESON frame size is 324TS
F34 LEESON frame size is 284TC
F35 LEESON frame size is 324TC

Continued On Next Page

Cross Reference Exception Codes

LEESON Product Horsepower Exceptions

H01 LEESON motor is rated 1/2 HP
H02 LEESON motor is rated 1 HP
H03 LEESON motor is rated 1/3 HP
H04 LEESON motor is rated 1/4 HP
H05 LEESON motor is rated 4.0 KW/5.5 HP
H06 LEESON motor is rated 1/6 HP
H07 LEESON motor is rated 3/4 HP

LEESON Product Kit Exceptions

K01 Install AC metric (63 frame) B5 flange kit 175850 (Extra cost)
K02 Install AC metric (71 frame) B5 flange kit 175852 (Extra cost)
K03 Install AC metric (80 frame) B5 flange kit 175854 (Extra cost)
K04 Install AC metric (90 frame) B5 flange kit 175856 (Extra cost)
K05 Install AC metric (100 frame) B5 flange kit 175984 (Extra cost)
K06 Install AC metric (112 frame) B5 flange kit 175986 (Extra cost)
K07 Install AC metric (132 frame) B5 flange kit 175988 (Extra cost)
K08 Install AC metric (160 frame) B5 flange kit 175890 (Extra cost)
K09 Install AC metric (180 frame) B5 flange kit 175890 (Extra cost)
K10 Install AC metric (63 frame) B14 flange kit 175851 (Extra cost)
K11 Install AC metric (71 frame) B14 flange kit 175863 (Extra cost)
K12 Install AC metric (80 frame) B14 flange kit 175855 (Extra cost)
K13 Install AC metric (90 frame) B14 flange kit 175857 (Extra cost)
K14 Install AC metric (100 frame) B14 flange kit 175985 (Extra cost)
K15 Install AC metric (112 frame) B14 flange kit 175987 (Extra cost)
K16 Install AC metric (132 frame) B14 flange kit 175989 (Extra cost)
K17 Install AC metric (160 frame) B14 flange kit 175991 (Extra cost)
K18 Install DC metric (71 frame) B5 flange kit 175106 (Extra cost)
K19 Install DC metric (80 frame) B5 flange kit 175108 (Extra cost)
K20 Install DC metric (90 frame) B5 flange kit 175108 (Extra cost)
K21 Install DC metric (100 frame) B5 flange kit 175137 (Extra cost)
K22 Install DC metric (71 frame) B14 flange kit 175107 (Extra cost)
K23 Install DC metric (80 frame) B14 flange kit 175109 (Extra cost)
K24 Install DC metric (90 frame) B14 flange kit 175129 (Extra cost)
K25 Install DC metric (100 frame) B14 flange kit 175130 (Extra cost)
K26 Install NEMA steel frame C Face kit 175661 (Extra cost)
K27 Install NEMA steel frame C Face kit 175294 (Extra cost)
K28 Install NEMA steel frame C Face kit 175297 (Extra cost)
K29 Install NEMA steel frame C Face kit 175075 (Extra cost)
K30 Install NEMA steel frame C Face kit 175076 (Extra cost)
K31 Install NEMA steel frame C Face kit 175078 (Extra cost)
K32 Install NEMA steel frame C Face kit 175181 (Extra cost)
K33 Install NEMA steel frame C Face kit 175077 (Extra cost)
K34 Install NEMA steel frame C Face kit 175969 (Extra cost)
K35 Install NEMA steel frame C Face kit 175691 (Extra cost)
K36 Install NEMA steel frame C Face kit 175303 (Extra cost)
K37 Install NEMA steel frame C Face kit 175007 (Extra cost)
K38 Install NEMA steel frame C Face kit 175693 (Extra cost)
K39 Install NEMA steel frame C Face kit 175008 (Extra cost)
K40 Install NEMA steel frame C Face kit 175845 (Extra cost)
K41 Install NEMA steel frame C Face kit 175844 (Extra cost)
K42 Install NEMA steel frame C Face kit 175304 (Extra cost)
K43 Install NEMA cast iron C Face kit 175655 (Extra cost)
K44 Install NEMA cast iron C Face kit 175066 (Extra cost)
K45 Install NEMA cast iron C Face kit 175068 (Extra cost)
K46 Install NEMA cast iron C Face kit 175067 (Extra cost)
K47 Install NEMA cast iron C Face kit 175069 (Extra cost)
K48 Install NEMA cast iron C Face kit 175191 (Extra cost)
K49 Install NEMA cast iron C Face kit 175058 (Extra cost)
K50 Install NEMA cast iron C Face kit 175061 (Extra cost)
K51 Install NEMA cast iron C Face kit 175059 (Extra cost)
K52 Install NEMA cast iron C Face kit 175062 (Extra cost)
K53 Install NEMA cast iron C Face kit 175060 (Extra cost)
K54 Install NEMA cast iron C Face kit 175063 (Extra cost)
K55 Install NEMA cast iron C Face kit 175199 (Extra cost)
K56 Install NEMA cast iron C Face kit 175664 (Extra cost)
K57 Install Chemical Service/Severe Duty (182/184T) kit 175663 (Extra cost)
K58 Install Chemical Service/Severe Duty (213/215T) kit 175050 (Extra cost)
K59 Install Chemical Service/Severe Duty (254/256T) kit 175051 (Extra cost)
K60 Install Chemical Service/Severe Duty (284/286T) kit 175052 (Extra cost)
K61 Install Chemical Service/Severe Duty (324/326T) kit 175053 (Extra cost)
K62 Install Chemical Service/Severe Duty (364/365T) kit 175054 (Extra cost)
K63 Install Chemical Service/Severe Duty (404/405T) kit 175055 (Extra cost)
K64 Install Chemical Service/Severe Duty (444/445T) kit 175056 (Extra cost)
K65 Install NEMA D Flange (182/184T) kit 175694 (Extra cost)
K66 Install NEMA D Flange (182/184T) kit 175658 (Extra cost)
K67 Install NEMA D Flange (213/215T) kit 175114 (Extra cost)
K68 Install NEMA D Flange (213/215T) kit 175115 (Extra cost)
K69 Install NEMA D Flange (254/256T) kit 175116 (Extra cost)
K70 Install NEMA D Flange (364/365T) kit 175995 (Extra cost)
K71 Install NEMA D Flange (254/256T) kit 175192 (Extra cost)
K72 Install NEMA D Flange (284/286T) kit 175118 (Extra cost)
K73 Install NEMA D Flange (284/286T) kit 175119 (Extra cost)
K74 Install NEMA D Flange (324/326T) kit 175120 (Extra cost)
K75 Install NEMA D Flange (324/326T) kit 175121 (Extra cost)
K76 Install NEMA D Flange (364/365T) kit 175657 (Extra cost)
K77 Install Textile "Lint-Proof" kit 175024 (Extra cost)
K78 Install Textile "Lint-Proof" kit 175025 (Extra cost)
K79 Install Textile "Lint-Proof" kit 175695 (Extra cost)
K80 Install Drip-Cover (213/215JP) kit 175305 (Extra cost)
K82 Install Drip-Cover (56) kit 175004 (Extra cost)
K83 Install Drip-Cover (143/145T) kit 175004 (Extra cost)
K84 Install Drip-Cover (182/184T) kit 175614 (Extra cost)
K85 Install Drip-Cover (213/215T) kit 175849 (Extra cost)
K86 Install conduit box kit M1760007 (Extra cost)
K87 Install conduit box kit M1760021 (Extra cost)
K88 Install NEMA Wattsaver cast iron C face kit 175869 (Extra cost)
K89 Install Drip-Cover (56) kit 175298 (Extra cost)
K90 Install NEMA Wattsaver cast iron C face kit 175842 (Extra cost)
K91 Install Brake kit 175178 (Extra cost)
K92 Install AC Metric (200 frame) B5 flange 175994 (Extra cost)
K93 Install AC Metric (200 frame) B5 flange 175995 (Extra cost)
K94 Install NEMA Cast Iron C-Face kit 175842 (Extra cost)
K95 Install NEMA Cast Iron C-Face kit 175958 (Extra cost)
K96 Install NEMA Cast Iron C-Face kit 175454 (Extra cost)
K97 Install NEMA Cast Iron C-Face kit 175394 (Extra cost)
K98 Install NEMA D Flange (324/326T) kit 175455 (Extra cost)
K99 Install NEMA D Flange (404/405T) kit 175956 (Extra cost)
K100 Install NEMA D Flange (404/405T) kit 175957 (Extra cost)
K101 Install NEMA D Flange (213/215T) Wattsaver kit 175959 (Extra cost)
K102 Install NEMA D Flange (182/184T) Wattsaver kit 175396 (Extra cost)
K103 Install Drip-Cover (182/184T) Cast Iron kit 175961 (Extra cost)
K104 Install Drip-Cover (213/215TT) Cast Iron kit 175962 (Extra cost)
K105 Install Drip-Cover (254/256T) Cast Iron kit 175963 (Extra cost)
K106 Install Chemical Service/Severe Duty (447/449T) kit 175891 (Extra cost)

LEESON Product Protector Exceptions

P01 LEESON motor has automatic reset protector
P02 LEESON motor has manual reset protector
P03 LEESON motor has no thermal overload protector

LEESON Product Shaft Exceptions

S01 LEESON motor has a 182-4T shaft extension
S02 LEESON motor has a 213-5T shaft extension
S03 LEESON motor has a 254-6T shaft extension
S04 LEESON motor shaft is 1 inch longer
S05 LEESON motor has shaft that is a TS not T
S06 LEESON motor has phosphatized shaft
S07 LEESON has .625 inch diameter shaft
S08 LEESON has single output shaft
S09 LEESON shaft center-line height from base is 1.48 inches
S10 LEESON shaft on left side facing the gearbox
S11 LEESON shaft center-line height from the base is 1.67 inches
S12 LEESON motor has 1 1/8" shaft
S13 LEESON motor has 416 stainless shaft
S14 LEESON shaft dimensions not "drop in" replacement

LEESON Product Thermostat Exceptions

T01 LEESON motor has no thermostats
T02 LEESON motor has normally closed thermostats

Cross Reference

Baldor to Leeson and Lincoln

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
1309-50	113903.00				
AFL3520A	111332.00				
AFL3521A	111333.00				
AFL3522A	120374.00				
AFL3523A	120375.00				
AFL3524A	120376.00				
AFL3525A	111949.00				
AFM3528	111334.00				
AFM3529	111335.00				
AFM3530	120377.00				
AFM3532	120379.00				
ANFL3501M	101435.00				LM24462
ANFL3504M	101436.00				LM24463
ANFL3507M	101437.00				LM24812
ANFL3510M	113302.00				LM24813
ANFL3514M	113301.00				LM24814
Baldor	096068.00				
Baldor	120867.00	C25	F06		
BL3507	114167.00	F04			
BL3510	111951.00	F04			
BL3517	114165.00	F04			
BL3518	111950.00	F04			
BM3108	114162.00				
BM3112	114163.00				
BM3116	114164.00				
BM3154T	G120370.00				
BM3157T	G120371.00				
BM3248T	G131627.00				
BM3538	114150.00				
BM3539	114149.00				
BM3542	114147.00				
BM3543	114148.00				
BM3546	114146.00				
BM3546T	G121679.00				
BM3554	116767.00				
BM3554T	G120329.00				
BM3556T	G121050.00				
BM3558T	G120330.00				
BM3569	114151.00				
BM3611T	G131613.00				
BM3614T	G131620.00				
BM3615T	G131614.00				
BM3704T	G140601.00				
BM3710T	G140603.00				
BM3714T	G140636.00				
BM3730T	G140603.00				
CBM3546T	G121557.00				
CBM3554T	G121051.00				
CBM3558T	G121052.00				
CBM3611T	G131617.00				
CBM3615T	G131618.00				
CBM3710T	G140605.00				
CBM3714T	G140639.00				
CDP3306	098003.00	F30			
CDP3310	098002.00	F30			
CDP3316	098005.00	F30			
CDP3320	098004.00	F30			
CDP3326	098008.00	F30			
CDP3330	098000.00	F30			
CDP3335	098006.00	F30			
CDP3410-V12	108045.00	F02			
CDP3420-V12	108046.00	F02			
CDP3420-V24	108050.00	F02			
CDP3430-V12	108047.00				
CDP3430-V24	108051.00	F02			
CDP3436	098069.00	F30			
CDP3436	108019.00	F02			
CDP3440	098032.00	F30			
CDP3440-V12	108048.00	F02			
CDP3440-V24	108052.00	F02			
CDP3443	098009.00	F30			
CDP3443	108016.00	F02			
CDP3445	108022.00	F02			
CDP3445-V12	108322.00	F02			
CDP3445-V24	108053.00	F02			
CDP3450	108020.00	F02			
CDP3455	108023.00	F02			

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
CDP3455	128023.00				
CDP3460	108021.00	F02			
CDP3575	108092.00	F02			
CDP3575	108262.00	B01			
CDP3575	128000.00				
CDP3580	108265.00	F02			
CDP3585	128010.00				
CDP3590	108266.00	E01			
CDP3604	108502.00				
CDPSWD3410	109065.00				
CDPSWD3426	109070.00				
CDPSWD3430	109069.00				
CDPSWD3545	109075.00				
CDPSWD3555	109076.00				
CDPWD3306	098375.00	F02			
CDPWD3310	108423.00	F02			
CDPWD3316	098376.00	F02			
CDPWD3320	108424.00	F02			
CDPWD3326	108227.00	F02			
CDPWD3330	108226.00	F02			
CDPWD3436	108229.00	E01			
CDPWD3440	108228.00				
CDPWD3445	108230.00	F02			
CDPWD3455	108231.00	F02			
CDPWD3575	108232.00	F02			
CDPX3420	118015.00	F02			
CDPX3426	118017.00	F02			
CDPX3430	118016.00	F02			
CDPX3436	118019.00	F02			
CDPX3440	118018.00	F02			
CECP83769T4	811550.00				
CEM2333T	171587.60				LM16762
CEM2334T	171589.60				LM62032
CEM2394T	171586.60				LM16761
CEM2513T	170175.60	C02			LM32781
CEM2514T	170070.60	C02			LM32782
CEM2515T	170071.60	C02			LM32783
CEM2516T	171688.60	C02			LM32784
CEM2531T	170073.60	C02			LM31245
CEM2535T	171377.60	C02			LM31246
CEM2539T	170378.60	C02			LM13837
CEM2547T	171689.60	C02			LM15570
CEM2551T	171690.60	C02			LM15573
CEM2555T	171691.60	C02			LM17387
CEM3116T	121935.00				LM32762
CEM3154T	121675.00				
CEM3157T	121676.00				LM32768
CEM3158T	121928.00				LM32770
CEM3211T	132081.00				LM32771
CEM3212T	132242.00				LM32773
CEM3218T	132082.00				LM32774
CEM3219T	132244.00				LM32776
CEM3311T	140767.00				LM32666
CEM3312T	141111.00				LM32778
CEM3313T	140768.00				LM32649
CEM3314T	141119.00				
CEM3543T	170379.60	C02			LM13839
CEM3546	116745.00				
CEM3546T	121179.00				LM32822
CEM3550T	121672.00				LM32824
CEM3554	116746.00				
CEM3554T	121180.00				LM32825
CEM3555T	121673.00				LM32828
CEM3558	116747.00				
CEM3558T	121181.00				LM32829
CEM3559T	121929.00				
CEM3581T	121179.00	C01			LM32822
CEM3583T	121672.00	C01			LM32824
CEM3584T	121180.00	C01			LM32825
CEM3586T	121673.00	C01			LM32828
CEM3587T	121181.00	C01			LM32829
CEM3610T	132079.00				LM16741
CEM3611T	131504.00				LM16742
CEM3613T	132080.00				LM16745
CEM3615T	131502.00				LM16747
CEM3660T	132079.00	C01			LM16741
CEM3660T	171564.60				LM16741

This information is furnished as a guide only.
Always check specific motor to determine
suitability for direct replacement

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
CEM3661T	131504.00	C01			LM16742
CEM3661T	171565.60				LM16742
CEM3663T	132080.00	C01			LM16745
CEM3663T	171446.60				LM16745
CEM3664T	132243.00				LM32830
CEM3665T	131502.00	C01			LM16747
CEM36665T	171566.60				LM62020
CEM3704T	140834.00				LM32833
CEM3709T	140770.00				LM16750
CEM3710T	140521.00				LM32838
CEM3714T	140522.00				LM32841
CEM3768T	171116.60				LM32835
CEM3769T	140770.00	C01			LM16750
CEM3769T	170166.60				LM16750
CEM3770T	140521.00	C01			LM32838
CEM37711T	170168.60				LM62025
CEM3771T	140769.00	C01			LM32840
CEM3774T	140522.00	C01			LM32841
CEM4103T	171591.60				LM62035
CEM4104T	171592.60				LM16744
CEM4106T	171588.60				LM62031
CEM4107T	171590.60				LM32659
CEM4108T	170108.60				LM16773
CEM4109T	170110.60				LM13725
CEM4110T	171593.60				LM62041
CEM4114T	170112.60				LM13727
CEM4115T	171594.60				LM62044
CEM4198T	171591.60				LM62035
CEM4310T	170114.60				LM15562
CEM4313T	171115.60				LM15566
CEM4314T	171595.60				LM62047
CEM4316T	171596.60				LM15567
CEM4400T	171597.60				LM15263
CEM7014T	114632.00	P01			
CEM7034T	121920.00	T02			
CEM7037T	121921.00	P01			
CEM7037T	121922.00	T02			
CEM7042T	825126.00	C02			
CEM7044T	825071.00	C02			
CEM7045T	825072.00	C02			
CEM7047T	825073.00	C02			
CEM7053T	825076.00				
CEM7054T	825077.00				
CEM7058T	825081.00				
CEM7059T	825078.00				
CEM7060T	825082.00				
CEM7062T	825083.00				
CEM7063T	825080.00				
CEM7064T	825084.00				
CEM7072T	825127.00	C02			
CEM7170T	825075.00				
CEM7174T	825074.00				
CESSWDM3550T	121874.00	F02			
CESSWDM3554	117284.00	F29			
CESSWDM3554T	121873.00				
CESSWDM3558T	121877.00				
CESSWDM3559T	121878.00				
CESSWDM3613T	132207.00				
CESSWDM3615T	132208.00				
CESSWDM3709T	140825.00				
CESSWDM3710T	140826.00				
CESSWDM3711T	140827.00				
CESSWDM3714T	140828.00				
CESWDM35554T	121912.00				
CESWDM3558T	121913.00				
CEWDBM3538	116467.00	C08			
CEWDBM3542	116468.00	C08			
CEWDBM3546	116469.00	C08			
CEWDBM3546T	121616.00	C08			
CEWDBM3554T	G121617.00	C08	E02		
CEWDBM3558T	G121618.00	C08			
CEWDBM3615T	G121618.00				
CEWDM3546T	121867.00				
CEWDM3558T	121868.00				
CEWDM3559T	121870.00				
CEWDM3611T	132198.00				
CEWDM3613T	132200.00				

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
CEWDM3615T	132201.00				
CEWDM3709T	141120.00				
CEWDM3710T	140822.00				
CEWDM3711T	140823.00				
CEWDM3714T	140821.00				
CFDL3501M	116485.00				
CFDL3504M	116486.00				
CFDL3507M	116487.00				
CFDL3510M	116488.00	F04			
CFDL3514M	116489.00	C39			
CFDL3516TM	121625.00				
CFM3136A	116772.00	S14			
CFM3146A	116773.00	S14			
CFM3156A	111147.00				
CFM3166A	111148.00				
CHC144A	100803.00				LM2447
CHC164A	100824.00				LM24442
CHC244A	100804.00				LM24448
CHC264A	100825.00				LM24443
CHC3413A	100803.00				LM2447
CHC3414A	100824.00				LM24442
CHC3416A	100804.00				LM24448
CHC3417A	100825.00				LM24443
CHC345A	111323.00				
CHC3524A	101645.00				LM24444
CHC3524A	111323.00				LM24444
CHC3525A	111321.00				
CHC3526A	111919.00				
CHC3528A	111322.00				
CHC364A	101645.00				LM24444
CHC365A	111321.00				
CHC445A	111324.00				
CHC465A	111266.00				
CHC545A	111267.00				
CHL3523A	101176.00	B31			
CJL3504A	113637.00				
CJL3507A	113638.00				
CJM3107	102199.00				
CJM3111	101776.00				
CJM3115	101775.00				
CJM3120	114203.00				
CJM3155	114202.00				
CJM3158	114201.00				
CJM3542	113028.00				
CL1301	103023.00				
CL1303	103024.00				
CL1304	101651.00				LM24697
CL1307	101650.00				LM24699
CL1310	113930.00				LM24700
CL1408TM	131629.00				
CL1408TM	131853.00				
CL1410TM	131630.00				
CL1430TM	131630.00				
CL3403	102916.00	F02			LM24723
CL3405	102929.00	F02			LM24724
CL3501	102930.00	F02			LM24600
CL3503	102903.00				LM24725
CL3504	102907.00				LM24628
CL3506	112135.00				LM24726
CL3507	110905.00				LM24615
CL3509	110180.00				LM24727
CL3510	110908.00				LM24616
CL3513	110909.00				LM24539
CL3514	110910.00				LM24728
CL3515	113931.00				LM24729
CL3515T	121008.00				LM24730
CL3516TM	121465.00	C25			
CL3608TM	131632.00	C39			
CL3612TM	131633.00				
Cl3619TM	131631.00				
CL3619TM	131857.00	C25	C39		
CL3711T	140695.00				
CL3712T	140678.00	C48			
CL5001A	116606.00				
CL5003A	116608.00	F29			
CL5004A	116609.00	F29			
CL5007A	116612.00	F29			

Cross Reference

Baldor to Leeson and Lincoln

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
CL5009A	116613.00	F29			
CL5013	116615.00	B22			
CL5023A	116614.00	F29			
CL5030T	116615.00	F29			
CL5031T	116616.00	F29			
CM2333T	G150102.60				
CM2333T-5	150116.60	K48			
CM2334T	G150080.60				
CM2334T-5	150117.60	K48			
CM2513T	G150175.60	C02			
CM2514T	G150070.60	C02			
CM2515T	G150071.60	C02			
CM2516T	G151688.60	C02			
CM2531T	G150073.60	C02			
CM2535T	G151377.60	C02			
CM2539T	G151378.60	C02			
CM2543T	G151379.60	C02			
CM2547T	G151689.60	C02			
CM2551T	G151690.60	C02			
CM2555T	G151691.60	C02			
CM3104	100599.00	F02			LM24277
CM3107	100600.00	F02			LM24879
CM3108	100601.00	F02			LM24880
CM3112	100602.00				LM24267
CM3116T	G121650.00				
CM3154T	121674.00				
CM3154T	G121651.00				
CM3155	114218.00				
CM3157T	G120275.00				
CM3158T	G121072.00	C25			
CM3211T	G130325.00				
CM3212T	G131249.00				
CM3218T	G130327.00				
CM3219T	G131250.00				
CM3311T	G140589.00				
CM3312T	G140692.00				
CM3313T	G140146.00				
CM3314T	G140693.00				
CM3534	102922.00				LM24114
CM3534-5	101051.00	H01	K28		
CM3537	114142.00				LM24129
CM3538	102917.00				LM24074
CM3538-5	101051.00	K28			
CM3539	110914.00				LM24104
CM3541	110915.00				LM24134
CM3542	110916.00				LM24076
CM3542-5	110178.00	K30			LM25095
CM3543	116340.00				LM24140
CM3545	110181.00				LM24126
CM3546	110912.00				LM24079
CM3546-5	110206.00	K30			LM25097
CM3546T	121936.00				
CM3546T	G121286.00	F07			
CM3546T-5	120122.00	K33			
CM3550	110917.00				LM24135
CM3550T	G121290.00				
CM3554	110918.00				LM24095
CM3554-5	110893.00	K30			LM25099
CM3554T	G121287.00				
CM3554T-5	120021.00	K33			
CM3555	113927.00				LM24121
CM3555T	G121510.00				
CM3556T	G120428.00				
CM3557	114198.00				
CM3558	116106.00	F29			LM24081
CM3558T	G120276.00				
CM3558T-5	120019.00	K33			
CM3559	114615.00	F29			LM24953
CM3559T	G120991.00				
CM3559T-5	120423.00	K33			
CM3607T	116592.00				
CM3610T	G131899.00				
CM3611T	G130326.00				
CM3611T-5	131460.00	K35			
CM3613T	G131173.00	C02			
CM3613T-5	131552.00	K35			
CM3614T	G131497.00				

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
CM3615T	G130328.00				
CM3615T-5	131461.00	K35			
CM3616T	G130990.00				
CM3660T	G151564.60				
CM3661T	G151565.60				
CM3663T	G151446.60				
CM3665T	G151566.60				
CM3704T	G140602.00				
CM3708T	G140482.00				
CM3709T	G131774.00				
CM3710T	G140183.00				
CM3710T-5	140593.00	K41			
CM3711T	G140696.00				
CM3711T-5	150197.60	C02	K45		
CM3713T-5	150198.60	C02	K45		
CM3714T	G140147.00				
CM3714T-5	150212.60	C02	K45		
CM3769T	G150166.60				
CM3770T	G150165.60				
CM3771T	G150168.60				
CM3773T	G140697.00				
CM3774T	170167.60	C15			LM62026
CM3774T	G150167.60				LM62026
CM4103T	G150081.60				
CM4104T	G150082.60				
CM4106T	G150079.60				
CM4107T	G150106.60				
CM4108T	G150108.60				
CM4109T	G150110.60				
CM4110T	G150083.60				
CM4114T	G150112.60				
CM4115T	G150084.60				
CM4310T	G150114.60				
CM4313T	G150115.60				
CM4314T	G150085.60				
CM4316T	G150086.60				
CM4400T	G151680.60				
CM7005A	114627.00	E01			
CM7006A	114628.00				
CM7006A	116190.00	T02			
CM7009A	114629.00				
CM7010A	114630.00				
CM7010A	116191.00	T02			
CM7013	114631.00				
CM7014T	121919.00	T02			
CM7014T	G121541.00				
CM7018T	114633.00	F04			
CM7034	114634.00	F29			
CM7037T	G121182.00				
CM7042T	G850617.00	C02			
CM7044T	G850618.00	C02			
CM7045T	G850589.00	C02			
CM7047T	G850619.00	C02			
CM7053T	G850591.00				
CM7054T	G850621.00				
CM7056T	G850622.00				
CM7058T	G850623.00				
CM7059T	G850592.00				
CM7060T	G850624.00				
CM7062T	G850625.00				
CM7063T	G850593.00				
CM7064T	G850626.00				
CM7071T	114635.00	F29			
CM7072T	G850588.00	C02			
CM7170T	G850620.00				
CM7174T	G850590.00				
CNM3538	102919.00	F02			
CP4400T-4					LM32896
CP4402T					LM14644
CP4406T-4					LM32902
CP4407T-4					LM32905
CP4408T-4					LM14643
CP4410T-4					LM32899
CP44256T-4					LM15723
CP44304T					LM14642
CP44354T-4					LM14645
CSSEWDM3537	117118.00				

This information is furnished as a guide only. Always check specific motor to determine suitability for direct replacement

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
CSSEWDM3538	117119.00				
CSSEWDM3541	117120.00				
CSSEWDM3542	117121.00				
CSSEWDM3544	117296.00				
CSSEWDM3545	117122.00				
CSSEWDM3546	117123.00				
CSSEWDM3550T	121879.00				
CSSEWDM3550T	121908.00				
CSSEWDM3554T	121880.00				
CSSEWDM3554T	121909.00				
CSSEWDM3555T	121881.00				
CSSEWDM3555T	121910.00				
CSSEWDM3558T	117299.00				
CSSEWDM3558T	121882.00				
CSSEWDM3558T	121911.00				
CSSSWDM3537	117118.00				
CSSSWDM3538	117119.00				
CSSSWDM3541	117120.00				
CSSSWDM3542	117121.00				
CSSSWDM3544	117296.00				
CSSSWDM3545	117122.00				
CSSSWDM3546	117123.00				
CSSSWDM3550T	121879.00				
CSSSWDM3550T	G121748.00				
CSSSWDM3554T	121880.00				
CSSSWDM3554T	G121749.00				
CSSSWDM3555T	121881.00				
CSSSWDM3555T	G121739.00				
CSSSWDM3558T	117299.00				
CSSSWDM3558T	121882.00				
CSSSWDM3558T	G121740.00				
CSSWDM3537	117269.00	F29			
CSSWDM3538	103387.00	F02			
CSSWDM3538	103411.00	F02			
CSSWDM3538	115633.00	F29			
CSSWDM3538	117266.00	F29			
CSSWDM3541	117271.00	F29			
CSSWDM3542	103388.00	F02			
CSSWDM3542	103412.00	F02			
CSSWDM3542	115634.00	F29			
CSSWDM3542	117267.00	F29			
CSSWDM3545	116169.00	F29			
CSSWDM3545	117273.00	F29			
CSSWDM3546	115635.00	F29			
CSSWDM3546	117286.00	F29			
CSSWDM3555T	G121812.00				
CSSWDM3558	117285.00	F29			
CSSWDM3559T	G121528.00				
CSSWDM3611T	G131900.00				
CSSWDM3613T	G131901.00				
CSSWDM3615T	G131902.00				
CSSWDM3709T	G140698.00				
CSSWDM3710T	G140675.00				
CSSWDM3711T	G140699.00				
CSSWDM3714T	G140676.00				
CSSWDN3554T	121875.00				
CSWDM3537	114560.00				
CSWDM3538	191204.00				
CSWDM3542	114561.00				
CSWDM3542	191207.00				
CSWDM3546	114562.00				
CSWDM3546	191291.00				
CSWDM3546T	121165.00				
CSWDM3546T	G191212.00	E01			
CSWDM3554	191217.00	E01	F29		
CSWDM3554T	G191218.00	E01			
CSWDM3558	191223.00	F29			
CSWDM3558T	G191224.00				
CWDL3504	112527.00	C55			
CWDL3507	112528.00	C55			
CWDL3509	113583.00	C55			
CWDL3510	112529.00	C55			
CWDL3513	113584.00	C55			
CWDL3514	113300.00	C55	F29		
CWDM3537	113588.00				
CWDM3538	113586.00				
CWDM3538-5	112483.00	E02			

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
CWDM3539	115743.00				
CWDM3541	113589.00				
CWDM3542	113587.00				
CWDM3542-5	112484.00	E02			
CWDM3543	115744.00	F29			
CWDM3545	113590.00				
CWDM3546	112524.00	E02			
CWDM3546	112627.00				
CWDM3546-5	112522.00	E02			
CWDM3546T	G120587.00	E02			
CWDM3550	113591.00	E01			
CWDM3554	112643.00	E02			
CWDM3554T	121871.00				
CWDM3554T	G121540.00	E02			
CWDM3555	113592.00	E01			
CWDM3555T	121039.00	E01			
CWDM3556	115745.00	F29			
CWDM3557	115746.00	F29			
CWDM3558	112644.00				
CWDM3558T	121868.00				
CWDM3558T	G120588.00				
CWDM3559T	G120911.00				
CWDM3611T	G130664.00				
CWDM3613T	G131167.00				
CWDM3615T	G131171.00				
CWDM3616T	132199.00				
CWDM3616T	G132016.00				
CWDM3709T	G131165.00				
CWDM3710T	G140466.00				
CWDM3711T	G140700.00				
CWDM3713T	G140701.00				
CWDM3714T	G140464.00				
CWSSWDM3610T	132206.00				
DGC1301M	191742.00				
DGC1304M	100802.00				
DGC1307M	113642.00				
EBM3211T	G131626.00	C49			
EBM3248T	G131627.00	C49			
EBM3311T	G140611.00	C49			
EBM3313T	G140635.00	C49			
ECP2276T	171636.60				
ECP2276T					LM16656
ECP2276T-4	170122.60	C47	C53	K59	LM15892
ECP2294T	171620.60				
ECP2332T	171637.60				
ECP2332T-4	170123.60	C47	C53	K59	LM15675
ECP2333T	171632.60				
ECP2333T					LM32873
ECP2333T-4	170066.60	C47	C53	K59	LM24208
ECP2334T	171633.60				
ECP2334T					LM32876
ECP2334T-4	170007.60	C47	C53	K59	LM24207
ECP2394T-4	170062.60	C47	C53	K59	LM15890
ECP3581T					LM32856
ECP3582T					LM32587
ECP3661T	171623.60				
ECP3661T					LM16644
ECP3661T-4	171320.60	C47	C53	K57	LM60026
ECP3663T					LM32864
ECP3664T	171634.60				
ECP3665T	171630.60				
ECP3665T					LM16650
ECP3665T4	171630.60				
ECP3764T	171634.60				
ECP3764T-4	171378.60	C47	C53	K58	LM60027
ECP3768T	171635.60				
ECP3768T					LM32867
ECP3768T-4	171379.60	C47	C53	K58	LM15883
ECP3769T	171616.60				
ECP3769T-4	170158.60	C47	C53	K58	LM15878
ECP3770T	171622.60				
ECP3770T					LM32869
ECP3770T-4	170157.60	C47	C53	K58	LM24209
ECP3771T	171617.60				
ECP3771T-4	170159.60	C47	C53	K58	LM15861
ECP3774T	171631.60				
ECP3774T					LM16919

This information is furnished as a guide only. Always check specific motor to determine suitability for direct replacement

Cross Reference

Baldor to Leeson and Lincoln

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
ECP3774T-4	170140.60	C47	C53	K58	LM60036
ECP4100T	171638.60				
ECP4100T					LM32874
ECP4100T-4	170068.60	C47	C53	K60	LM15793
ECP4102T	171639.60				
ECP4102T					LM32877
ECP4102T-4	170001.60	C47	C53	K60	LM15796
ECP4103T	171779.60				
ECP4103T					LM32879
ECP4103T-4	170011.60	C47	C53	K60	LM15792
ECP4104T	171782.60				
ECP4104T					LM32882
ECP4104T-4	170015.60	C47	C53	K60	LM13964
ECP4106T	171621.60				
ECP4106T-4	170033.60	C47	C53	K59	LM15673
ECP4107T-4	170035.60	C47	C53	K60	LM13960
ECP4108T	171781.60				
ECP4108T-4	170037.60	C47	C53	K60	LM60046
ECP4109T	171784.60				
ECP4109T-4	170039.60	C47	C53	K61	LM19749
ECP4110T	171785.60				
ECP4110T-4	170019.60	C47	C53	K61	LM13699
ECP4111T	171780.60				
ECP4111T-4	170003.60	C47	C53	K61	LM13696
ECP4114T					LM32685
ECP4114T-4	170041.60	C47	C53	K61	LM60052
ECP4115T	171788.60				
ECP4115T					LM32887
ECP4115T-4	170023.60	C47	C53	K61	LM19753
ECP4117T	171783.60				
ECP4117T-4	170005.60	C47	C53	K62	LM60048
ECP4308T	171786.60				
ECP4308T-4	170096.60	C47	C53	K62	LM13918
ECP4310T	171790.60				
ECP4310T-4	170043.60	C47	C53	K62	LM14808
ECP4312T	171789.60				
ECP4312T					LM32888
ECP4312T-4	170097.60	C47	C53	K62	LM19754
ECP4313T	171793.60				
ECP4313T-4	170045.60	C47	C53	K62	LM14810
ECP4314T	171791.60				
ECP4314T-4	170027.60	C47	C53	K62	LM14809
ECP4316T	171794.60				
ECP4316T					LM32893
ECP4316T-4	170031.60	C47	C53	K62	LM14811
ECP4400T-4	170087.60	C47	C53	K63	LM19762
ECP4402T	171796.60				
ECP4402T					LM32895
ECP4402T-4	170160.60	C47	C53	K63	LM13939
ECP4403T	171792.60				
ECP4403T-4	170098.60	C47	C53	K63	LM13938
ECP4404T	171795.60				
ECP4404T-4	170099.60	C47	C53	K63	LM60060
ECP4406T-4	170371.60	C47	C53	K64	LM13707
ECP4406T-4	171803.60				LM13707
ECP4407T-4	170352.60	K64			LM16230
ECP4407T-4	171806.60				LM16230
ECP4408T-4	151516.60	C08	C53		
ECP4409T-4	170256.60	C53	K64		LM13702
ECP4409T-4	171798.60				LM13702
ECP4410T-4	170369.60	C47	C53	K64	LM60065
ECP4410T-4	171800.60				LM60065
ECP4411T-4	170260.60	C53	K64		LM13705
ECP4411T-4	171801.60				LM13705
ECP4412T-4	171799.60				
ECP4413T-4	171802.60				
ECP44156T-4	171315.60	C47	C53	K64	LM16231
ECP44156T-4	171804.60				LM16231
ECP4416T-4	171805.60				
ECP44206T-4	171316.60	C47	C53	K106	LM60072
ECP44206T-4	171807.60				LM60072
ECP64314T-4	811567.00				
ECP82333T-4	811555.00				
ECP82334T-4	811557.00				
ECP82394T-4	811554.00				
ECP83581T-4	811541.00				
ECP83583t-4	811542.00				

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
ECP83584T-4	811543.00				
ECP83586T-4	811544.00				
ECP83587T-4	811545.00				
ECP83660T	811546.00				
ECP83661T	811547.00				
ECP83663T	811548.00				
ECP83665T-4	811549.00				
ECP83769T-4	811550.00				
ECP83770T-4	811551.00				
ECP83774T-4	811553.00				
ECP8377IT-4	811552.00				
ECP84103T-4	811559.00				
ECP84104T-4	811561.00				
ECP84106T-4	811556.00				
ECP84107T-4	811558.00				
ECP84108T-4	811560.00				
ECP84109T-4	811562.00				
ECP84110T-4	811563.00				
ECP84114-T	811564.00				
ECP84115T-4	811564.00				
ECP84310T-4	811566.00				
ECP84313T-4	811568.00				
ECP84400T-4	811571.00				
ECP84402T-4	811570.00				
ECP94316T-4	811569.00				
EFM2333T	170066.60	C04			LM24208
EFM2334T	170007.60	C04			LM24207
EFM2513T	170065.60	C04			LM24190
EFM2515T	170006.60	C04			LM24199
EFM2531T	170009.60	C04			LM29576
EFM2535T	170013.60	C04			LM29577
EFM2539T	170017.60	C04			LM13811
EFM2543T	170021.60	C04			LM13813
EFM2547T	170025.60	C04			LM14813
EFM3211T	171320.60	C04			LM60026
EFM3211T	G131240.00				LM60026
EFM3218T	171322.60	C04			LM24195
EFM3218T	G131239.00				LM24195
EFM3311T	170142.60	C04			
EFM3311T	G140609.00				
EFM3313T	170144.60	C04			
EFM4103T	170011.60	C04			LM15792
EFM4104T	170015.60	C04			LM13964
EJMM2333T	199976.00				
EJMM2334T	199978.00				
EJMM2394T	199975.00				
EJMM2513T	199964.00				
EJMM2514T	199965.00				
EJMM2515T	199966.00	C32	C29		
EJMM2516T	199967.00	C29			
EJMM2531T	199968.00	C29			
EJMM2535T	199970.00				
EJMM2538T	199971.00				
EJMM2539T	199972.00				
EJMM2542T	199973.00				
EJMM2543T	199974.00				
EJMM3116T	122115.00				
EJMM3154T	122076.00	C29	C32		
EJMM3155T	122078.00	C29	C32		
EJMM3158T	122081.00	C29			
EJMM3211T	199589.00				
EJMM3212T	199763.00				
EJMM3218T	199590.00				
EJMM3219T	199765.00				
EJMM3311T	199775.00				
EJMM3312T	199090.00				
EJMM3313T	199777.00				
EJMM3314T	199091.00				
EJMM3546T	122083.00				
EJMM3550T	122085.00				
EJMM3554T	122087.00				
EJMM3555T	122089.00				
EJMM3558T	122091.00				
EJMM3559T	199766.00				
EJMM3611T	199767.00				
EJMM3613T	199768.00				
EJMM3615T	199769.00				

This information is furnished as a guide only. Always check specific motor to determine suitability for direct replacement

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
EJMM3616T	199769.00				
EJMM3616T	199779.00				
EJMM3709T	199780.00				
EJMM3711T	199781.00				
EJMM3714T	199782.00				
EJMM4103T	199980.00				
EJMM4104T	199982.00				
EJMM4106T	199977.00				
EJMM4107T	199979.00				
EJMM4108T	199981.00				
EJMM4109T	199983.00				
EJMM4110T	199984.00				
EJMM4114T	199985.00				
EJMM4115T	194127.00				
EJMM4115T	199986.00				
EJPM2334T	194119.00				
EJPM2394T	199998.00				
EJPM2513T	199987.00				
EJPM2514T	199988.00				
EJPM2515T	199989.00				
EJPM2516T	199990.00				
EJPM2531T	199991.00				
EJPM2534T	199992.00				
EJPM2535T	199993.00				
EJPM2538T	199994.00				
EJPM2539T	199995.00				
EJPM2542T	199996.00				
EJPM2543T	199997.00				
EJPM3312T	199784.00				
EJPM3313T	199785.00				
EJPM3314T	199786.00				
EJPM3714T	199789.00				
EJPM4103T	194121.00				
EJPM4104T	194123.00				
EJPM4106T	194118.00				
EJPM4107T	194120.00				
EJPM4108T	194122.00				
EJPM4109T	194124.00				
EJPM4110T	194125.00				
EJPM4114T	194126.00				
EL1203	101423.00	C08	C25		LM24458
EL1301	113765.00	E02			
EL1304	113766.00	E02			
EL1307	101544.00	F02			LM24504
EL1310	113630.00				
EL1319	113769.00	E02			
EL1319T	110005.00	C08			LM24583
EL1319T	120042.00	C08			LM24583
EL1405T	131515.00	C08			LM24678
EL1408T	131534.00	C08	C10	C25	LM24680
EL1408T	131851.00				LM24680
EL1410T	131537.00	C08			LM24682
EL3501	113765.00	C25	P02		
EL3504	113766.00	C25	P02		
EL3507	113767.00	C25	P02		
EL3510	113768.00	C25	F03		
EL3514	113769.00	C25	F03		
EL3514T	113769.00	C05	F05	P02	
EL3605T	131541.00	C08	F08		LM24796
EL3609T	131533.00	C08			LM24716
EL3612T	131538.00	C08			LM24718
EM2276T	170122.60				LM15892
EM2332T	170123.60				LM15675
EM2333T	170066.60				LM24208
EM2333T-5	170116.60	C02			LM16400
EM2334T	170007.60				LM24207
EM2334T-5	170117.60	C02			LM15919
EM2394T	170062.60				LM15890
EM2394T-5	170198.60	C02			LM17075
EM2506T	170145.60	C02			LM32738
EM2511T	170146.60	C02			LM32742
EM2513T	170065.60	C02			LM24190
EM2514T	170032.60	C02			LM32745
EM2515T	170006.60	C02			LM24199
EM2516T	170034.60	C02			LM32747
EM2524T	170067.60	C02			LM31244
EM2528T	170000.60	C02			LM30273

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
EM2531T	170009.60	C02			LM29576
EM2532T	170002.60	C02			LM13809
EM2534T	170036.60	C02			LM32687
EM2535T	170013.60	C02			LM29577
EM2536T	170004.60	C02			LM13810
EM2538T	170038.60	C02			LM13969
EM2539T	170017.60	C02			LM13811
EM2540T	170147.60				LM13924
EM2542T	170040.60	C02			LM13812
EM2543T	170021.60	C02			LM13813
EM2544T	170148.60				LM13927
EM2546T	170042.60	C02			LM13814
EM2547T	170025.60	C02			LM14813
EM2548T	170149.60	C02			LM13944
EM2549T	170044.60	C02			LM13945
EM2550T	170151.60	C02			LM14814
EM2551T	170029.60	C02			LM14815
EM2552T	170150.60	C02			LM13947
EM2554T-4	170154.60	C02	C47		LM13942
EM2555T	170152.60	C02			LM13943
EM2555T-4	170152.60	C02	C47		LM13943
EM2556T-4	171449.60	C02			LM13945
EM2557T-4	170155.60	C47			LM13946
EM2557T-4	170259.60				LM13946
EM2558T-4	171522.60				LM13817
EM2559T-4	170155.60	C02	C47		LM13946
EM2560T-4	171576.60				LM13818
EM2562T-4	171573.60				LM13819
EM2563T-4	171523.60				LM13820
EM2564T-4	171577.60				LM16239
EM2569T-4	151525.60	C08			
EM2583T-4	170255.60				LM13815
EM3115	116128.00				
EM3116T	121003.00				LM24871
EM3120T	121514.00				LM32727
EM3154T	121004.00				LM24875
EM3155T	121515.00				LM33137
EM3156T	121517.00				LM24872
EM3157T	121005.00				LM24169
EM3158T	121516.00				LM32731
EM3207T	131971.00				
EM3211T	131519.00				LM24222
EM3212T	131986.00	F09			LM32734
EM3215T	131972.00				
EM3218T	131520.00				LM24202
EM3219T	131988.00				LM32737
EM32IIT-8					LM33056
EM3305T	171574.60	C02			LM32733
EM3309T	171575.60	C02			LM32735
EM3311T	140470.00				LM24194
EM3311T	170142.60	C02			LM24194
EM3312T	140753.00				LM32740
EM3313T	140472.00				LM24193
EM3314T	140754.00				LM32743
EM3314T	170064.60	C02			LM32743
EM3538	103020.00	C02			
EM3545	116129.00				
EM3546	116757.00				
EM3546T	120921.00				LM32796
EM3546T-5	120122.00				
EM3546T-5	121937.00				
EM3550	116758.00				
EM3550T	121518.00				LM33122
EM3550T-5	121939.00				LM25102
EM3554	113769.00	C25	F03		
EM3554	116759.00				
EM3554T	120922.00				LM33123
EM3554T-5	121940.00				LM24142
EM3555	116760.00				
EM3555T	121519.00				LM33124
EM3555T-5	121941.00				LM25103
EM3556	121520.00	F06			LM33121
EM3556T	121520.00				LM33121
EM3556T-5	121938.00				
EM3558	116761.00	F05			
EM3558T	120923.00				LM33125
EM3559-T	171624.60	C02			

Cross Reference

Baldor to Leeson and Lincoln

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
EM3581T	120921.00	C01			LM32796
EM3581T	171640.60				LM32796
EM3582T	121520.00	C01			LM33121
EM3582T	171643.60				LM33121
EM3583T	116758.00	C01			
EM3583T	121518.00	C01			
EM3583T	171642.60				
EM3584T	120922.00	C01			LM33123
EM3584T	171646.60				LM33123
EM3586T	121519.00	C01			LM33124
EM3586T	171648.60				LM33124
EM3587T	120923.00	C01			LM33125
EM3587T	171647.60				LM33125
EM3607T-5	132251.00				LM17059
EM3610T	131985.00				LM15646
EM3611T	131463.00				LM32741
EM3611T-5	132253.00				LM16384
EM3613T	131987.00				LM15649
EM3613T-5	132254.00				LM16386
EM3614T	131981.00				
EM3614T-5	132252.00				LM17062
EM3615T	131464.00				LM15650
EM3615T-5	132255.00				LM17067
EM3660T	131985.00	C01			LM15646
EM3661T	171320.60				LM60026
EM3663T	131987.00	C01			LM15649
EM3664T	131981.00	C01			LM15651
EM3665T	171322.60				LM24195
EM3667T	131980.00	C01			LM15648
EM3704T	171378.60	C02			LM60027
EM3708T	171379.60	C02			LM15883
EM3709T	140756.00				LM32804
EM3709T-5	170196.60	C02			LM16389
EM3709T-5	170197.60	C02			LM16389
EM3710T	140450.00				LM16029
EM3710T-5	141116.00				LM16391
EM3711T	140755.00				LM32808
EM3714T	140451.00				LM32809
EM3714T-5	170212.60				
EM3764T	171378.60				LM60027
EM3768T	171379.60				LM15883
EM3769T	170158.60				LM15878
EM3770T	170157.60				LM24209
EM3771T	170159.60				LM15861
EM3774T	170140.60				LM60036
EM3774T-5	170212.60	C02			LM17073
EM4100T	170068.60				LM15793
EM4102T	170001.60				LM15796
EM4103T	170011.60				LM15792
EM4103T-5	170118.60	C02			LM16407
EM4104T	170015.60				LM13964
EM4104T-5	170119.60	C02			LM19595
EM4106T	170033.60				LM15673
EM4106T-5	170199.60	C02			LM16403
EM4107T	170035.60				LM13960
EM4107T-5	170224.60	C02			LM16406
EM4108T	170037.60				LM60046
EM4108T-5	170228.60	C02			LM20085
EM4109T	170039.60				LM19749
EM4109T-5	170232.60	C02			LM14407
EM4110T	170019.60				LM13699
EM4110T-5	170120.60	C56			LM14396
EM4111T	170003.60				LM13696
EM4114T	170041.60				LM60052
EM4114T-5	170121.60	F14	C02		LM14411
EM4115T	170023.60				LM19753
EM4117T	170005.60				LM60048
EM4308T	170096.60				LM13918
EM4310T	170043.60				LM14808
EM4312T	170097.60				LM19754
EM4313T	170045.60				LM14810
EM4314T	170027.60				LM14809
EM4314T-5	170239.60	C02			LM18369
EM4316T	170031.60				LM14811
EM4316T-5	170244.60	C02			LM18372
EM4400T	170087.60				LM19762
EM4400T-5	170253.60	C02			LM18292

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
EM4402T-4	170160.60				LM13939
EM4403T	170098.60				LM13938
EM4404T	170099.60				LM60060
EM4406T-4	170371.60				LM13707
EM4407TR-4	170352.60				LM16230
EM4409T-4	170256.60				LM13702
EM4410T-4	170369.60				LM60065
EM4411T-4	170260.60				LM13705
EM4412T-4	171580.60				LM60064
EM4413T-4	171578.60				LM13706
EM44156T-4	171315.60				LM16231
EM4416T-4	171579.60	C15			LM16229
EM44206T	171316.60				LM60072
EM7037T	121917.00				
EM7053T	825092.00				
EM7054T	825093.00				
EM7056T	825095.00				
EM7058T	825097.00				
EM7059T	825094.00				
EM7060T	825099.00				
EM7062T	825101.00				
EM7063T	825096.00				
EM7064T	825103.00				
EM7067T	825100.00				
EM7081T	825102.00				
EM7083T	825098.00				
EM7142T	825085.00				
EM7144T	825087.00				
EM7145T	825088.00				
EM7147T	825089.00				
EM7170T	825091.00				
EM7172T	825086.00				
EM7174T	825090.00				
EM74154T	825113.00				
EMM2333	193316.60				
EMM2334	193319.60				
EMM3559	192209.00				
EMM3611	193301.60				
EMM3613	193306.60				
EMM3615	193307.60				
EMM3709	193309.60				
EMM3710	193310.60				
EMM3711	193312.60				
EMM3714	193313.60				
EMM4103	193322.60				
EMM4104	193325.60				
EMM4110	193328.60				
EMM5700	192208.00				
EMM5700-5	192231.00				
EMM5750	192205.00				
EMM5750-5	192232.00				
EWDM3546T	121865.00	E02			
EWDM3554T	121869.00	E02			
EWDM3558T	121866.00				
EWDM3611T	132196.00				
EWDM3615T	132197.00				
EWDM3710T	140819.00				
EWDM3714T	140820.00				
FDL3501M	113256.00				LM24789
FDL3501M	M002256.00				LM24789
FDL3504M	110086.00				LM24790
FDL3504M	M009086.00				LM24790
FDL3507M	110087.00				LM24791
FDL3507M	M009087.00				LM24791
FDL3510M	110088.00	F03			LM24792
FDL3510TM	121569.00				LM24793
FDL3510TM	M009088.00				LM24793
FDL3510TM	M009089.00				LM24793
FDL3514M	113938.00	C39			LM24794
FDL3514TM	110089.00	C39			LM24795
FDL3514TM	M009089.00				LM24795
FDL3516TM	110090.00				
FDL3610M	131542.00	F09			LM24801
FDL3610TM	131542.00				LM24801
FDL3611M	110090.00	B22			
FDL3611TM	131541.00				LM24796
FDL3612TM	131543.00				LM24798

This information is furnished as a guide only.
Always check specific motor to determine
suitability for direct replacement

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
FDL3619TM	131542.00				LM24801
FDL3712TM	140414.00				LM24805
FDL3731M	131543.00	B23			LM24798
FDL3731M	140203.00				LM24798
FDL3732M	140707.00	F12			LM24799
FDL3733TM	140130.00				
FDL3733TM	140707.00				
FDL3737TM	140414.00				
FDL3737TM	140706.00				
FM2513T	G150065.60	C04			
FM2515T	G150006.60	C04			
FM2531T	G150009.60	C04			
FM2535T	G150013.60	C04			
FM2539T	G150017.60	C04			
FM2543T	G150021.60	C04			
FM3211T	G131240.00				
FM3218T	G131239.00				
FM3311T	G140609.00				
FM3313T	G150144.60	C04			
FM3611T	G131237.00				
FM3615T	G131236.00				
FM3710T	G140604.00				
FM3714T	G150140.60	C04			
GC24302	M1125084.00	B36	C32	S08	
GC24306	M1125083.00	B36	C32	S08	
GC24310	M1125081.00	B36	C32	S08	
GC25010	M1145039.00	B36	C32	S08	
GC25015	M1145082.00	B36	C32	S08	
GC25020	M1145038.00	B36	C32	S08	
GCP24004	M1145029.00	C32	E02		
GCP24114	M1125127.00	E02			
GCP24122	M1125128.00	E02			
GCP24124	M1125129.00	E02			
GCP24134	M1125130.00	E02			
GCP25052	M1145032.00	C32	E02		
GCP25054	M1145033.00	C32	E02		
GCP25056	M1145034.00	C32	E02		
GCP25060	M1145035.00	C32	E02		
GCP3305	096007.00	C32	E02		
GLP3330	096049.00				
GLP3332	096050.00				
GLP3336	096051.00				
GMP3330	096013.00				
GMP3332	096014.00				
GMP3336	096015.00				
GMP3338	096016.00				
GP233003	M1115019.00	B36	S08		
GP233007	M1115020.00	B36	S08		
GP7402	M1135038.00	B36	S08	S11	
GP7403	M1135069.00	B36	S08	S11	
GP7405	M1135042.00	B36	S08	S11	
GP7407	M1135043.00	B36	S08	S11	
GP7425	M1135062.00	B36	S08	S11	
GP7427	M1135063.00	B36	S08	S11	
GPP12503	M1125004.00				
GPP12545	M1125072.00				
GPP12547	M1125070.00				
GPP231108	M1115001.00				
GPP231109	M1115002.00				
GPP232110	M1115000.00				
GPP233111	M1115028.00				
GPP233112	M1115027.00				
GPP233120	M1125048.00				
GPP233121	M1125036.00				
GPP233140	M1115026.00	B36			
GPP7451	M1135116.00				
GPP7452	M1135112.00				
GPP7453	M1135111.00				
GPP7454	M1135114.00				
GPP7455	M1135110.00				
GPP7456	M1135108.00				
GPP7457	M1135117.00				
GPP7458	M1135107.00				
GPP7459	M1135106.00				
GPP7460	M1135109.00				
GPP7461	M1135115.00				
GPP7470	M1135150.00				

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
GPP7471	M1135149.00				
GPP7472	M1135148.00				
GPP7473	M1135147.00				
GPP7474	M1135146.00				
GPP7475	M1135145.00				
GPP7476	M1135143.00				
GPP7477	M1135141.00				
GPP7478	M1135140.00				
GPP7479	M1135139.00				
GSL3509M	111330.00				
HM3108	100029.00	C25			LM24098
HM3112	100030.00				LM24099
HM3116	115827.00				
HM3154	115825.00				
HM3154A	111309.00	F03			
HM3157	115826.00				
HM3161A	116595.00	P03			
HM3218TA	G130565.00				
IDGM2500	M1145131.00	B36			
IDGM2501	M1145130.00	B36			
IDGM2503	M1145129.00	B36			
IDGM2506	M1145128.00	B36			
IDGM2508	M1145127.00	B36			
IDGMP2500	096070.00				
IDGMP2501	096069.00				
IDGMP2503	096068.00				
IDGMP2505	096067.00				
IDM2333T	810066.00	E01			LM06135
IDM2334T	810007.00	E01			
IDM3581T	810548.00	E01			LM26359
IDM3584T	810547.00	E01	F07		LM26233
IDM3587T	810546.00	E01			LM06113
IDM3661T	811320.00	E01			LM06119
IDM3665T	811322.00	E01			
IDM3770T	810157.00	E01			LM06131
IDM3774T	810140.00	E01			
IDM4102T	810001.00				
IDM4103T	810011.00				
IDM4104T	810015.00				
IDM4110T	810019.00				
IDM4115T	810023.00				
IDM4117T	810005.00				
IDM4312T	810097.00				
IDM4314T	810027.00				
IDM4316T	810031.00				
IDM4400T-4	810087.00				
IDM4404T	810099.00				
IDM4406T-4	811371.00				LM03564
IDM4407T-4	810503.00				LM3596
IDM4409T-4	811367.00				
IDM4410T-4	811369.00				LM03516
IDNM2333T	810066.00				LM06135
IDNM3581T	810548.00				LM26359
IDNM3584T	810547.00	F07			LM26233
IDNM3587T	810546.00				LM06113
IDNM3661T	811320.00				LM06119
IDNM3665T	811322.00				
IDNM3770T	810157.00	E01			LM06131
IM3540A	111304.00				
IR3507M	114932.00				
IR3510M	114933.00	C25			
JL1303A	100207.00				
JL1303A	101527.00				
JL1306A	100208.00				
JL1306A	101528.00				
JL1307A	100723.00				
JL1309A	100723.00				
JL1309A	101529.00				
JL1313A	110292.00				
JL1313A	113687.00				
JL1317A	110293.00				
JL1323A	110286.00				
JL225A	100207.00	H01			
JL325A	100207.00				
JL3503A	113955.00				
JL3506A	113956.00				
JL3509A	113639.00				

Cross Reference

Baldor to Leeson and Lincoln

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
JL3513A	113640.00				
JL3515A	113641.00				
JL425A	100208.00				
JL5003A	116188.00				
JL5006A	116186.00				
JL5009A	116185.00				
JL5030	116183.00				
JL5031	116181.00				
JL525A	100723.00				
JL625A	110292.00				
JL725A	110293.00				
JL825A	110286.00				
JM225	102197.00				
JM3006	102197.00				
JM3107	102198.00				
JM3111	101637.00				
JM3115	101638.00				
JM3120	113891.00				
JM3155	113892.00				
JM3158	113893.00				
JM3460	114931.00				
JM3463	114208.00				
JM3545	114207.00				
JM3550	114206.00				
JM3555	114205.00				
JM3559	114204.00				
JM625	113891.00				
JM7013	116184.00	P01			
JM7018	116182.00	P01			
JM7071	116180.00	P01			
JML1406T	131640.00				
JML1408T	131604.00				
JML1409T	131641.00				
JML1508T	131605.00	F11			
JML1509T	140642.00				
JML1510T	140665.00				
JML1511T	140644.00	C25			
JML1512T	140666.00				
JMM2333T	151568.60				
JMM2333T	G151568.60	C56			
JMM2334T	151570.60				
JMM2334T	G151570.60	C56			
JMM2394T	151567.60				
JMM2394T	G151567.60	C56			
JMM2513T	151361.60	C02			
JMM2513T	G151361.60				
JMM2514T	151381.60	C02			
JMM2514T	G151381.60	C56			
JMM2515T	151362.60	C02			
JMM2515T	G151362.60	C56			
JMM2516T	151382.60	C02			
JMM2516T	G151382.60	C56			
JMM2531T	801028.00	C02			
JMM2531T	G801028.00	C56			
JMM2534T	801040.00	C02			
JMM2534T	G801040.00	C56			
JMM2535T	801029.00	C02			
JMM2535T	G801029.00	C56			
JMM2538T	801041.00	C02			
JMM2538T	G801041.00	C56			
JMM2539T	801030.00	C02			
JMM2539T	G801030.00	C56			
JMM2542T	801042.00	C02			
JMM2542T	G801042.00	C56			
JMM3116T	121850.00				
JMM3116T	G121850.00	C56			
JMM3154T	121851.00				
JMM3154T	G121851.00	C56			
JMM3155T	121853.00				
JMM3155T	G121853.00	C56			
JMM3157T	121852.00				
JMM3157T	G121852.00	C56			
JMM3158T	121854.00				
JMM3158T	G121854.00	C56			
JMM3211T	131562.00				
JMM3211T	G131562.00	C56			
JMM3212T	131574.00				

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
JMM3212T	G131574.00	C56			
JMM3218T	131563.00				
JMM3218T	G131563.00	C56			
JMM3219T	131576.00				
JMM3219T	G131576.00	C56			
JMM3311T	140618.00				
JMM3311T	G140618.00	C56			
JMM3312T	131577.00				
JMM3312T	G141121.00	C56			
JMM3313T	140619.00				
JMM3313T	G140619.00	C56			
JMM3314T	151380.60				
JMM3314T	G151380.60	C56			
JMM3546T	121855.00				
JMM3546T	G121855.00	C56			
JMM3550T	121858.00				
JMM3550T	G121858.00	C56			
JMM3554T	121856.00				
JMM3554T	G121856.00	C56			
JMM3555T	121859.00				
JMM3555T	G121859.00	C56			
JMM3558T	121857.00				
JMM3558T	G121857.00	C56			
JMM3559T	121860.00				
JMM3559T	G121860.00	C56			
JMM3611T	131579.00				
JMM3611T	G131579.00	C56			
JMM3613T	131580.00				
JMM3613T	G131580.00	C56			
JMM3615T	131581.00				
JMM3615T	G131581.00	C56			
JMM3616T	131582.00				
JMM3616T	G131582.00	C56			
JMM3709T	132027.00				
JMM3709T	G132027.00	C56			
JMM3710T	140622.00				
JMM3710T	G140622.00	C56			
JMM3711T	131583.00				
JMM3711T	G141122.00	C56			
JMM3713T	140764.00				
JMM3713T	G140764.00	C56			
JMM3714T	140623.00				
JMM3714T	G140623.00	C56			
JMM4103T	151418.60				
JMM4103T	G151418.60	C56			
JMM4104T	151422.60				
JMM4104T	G151422.60	C56			
JMM4106T	151569.60				
JMM4106T	G151569.60	C56			
JMM4107T	151417.60				
JMM4108T	151420.60				
JMM4108T	G151420.60	C56			
JMM4109T	151424.60				
JMM4109T	G151424.60	C56	F28		
JMM4110T	151426.60				
JMM4110T	G151426.60	C56			
JMWDM3546T	121579.00	E02			
JMWDM3546T	G121579.00	E02			
JMWDM3550T	121580.00				
JMWDM3554T	121581.00	E02			
JMWDM3554T	G121581.00	E02			
JMWDM3555T	121582.00				
JMWDM3555T	G121582.00				
JMWDM3558T	121583.00				
JMWDM3558T	G121583.00				
JMWDM3559T	121584.00				
JMWDM3599T	G121584.00				
JMWDM3611T	131967.00				
JMWDM3611T	G131967.00	C15			
JMWDM3613T	131968.00				
JMWDM3613T	G131968.00	C15			
JMWDM3615T	131969.00				
JMWDM3615T	G131969.00				
JMWDM3616T	131970.00	C39			
JMWDM3616T	G131970.00				
JMWDM3710T	140733.00				
JMWDM3710T	G140733.00				

This information is furnished as a guide only. Always check specific motor to determine suitability for direct replacement

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
JMWDM3711T	140734.00				
JMWDM3711T	G140734.00				
JMWDM3713T	140736.00	C39			
JMWDM3713T	G140736.00	C15			
JMWDM3714T	140735.00	C39			
JMWDM3714T	G140735.00				
JMWDN3550T	G121580.00	E02			
JPL1409T	131881.00				
JPL1509T	140646.00				
JPL1511T	140647.00	C25			
JPM2333T	G151747.60				
JPM2334T	G151749.60				
JPM2513T	801051.00				
JPM2513T	G801051.00	C56			
JPM2514T	801056.00				
JPM2514T	G801056.00	C56			
JPM2515T	801052.00				
JPM2515T	G801052.00	C56			
JPM2515T	G801056.00				
JPM2516T	801057.00				
JPM2516T	G801057.00	C56			
JPM2531T	801053.00				
JPM2531T	G801053.00	C56			
JPM2534T	801058.00	C02			
JPM2534T	G801058.00	C56			
JPM2535T	801054.00	C02			
JPM2535T	G801054.00	C56			
JPM2538T	801059.00	C02			
JPM2538T	G801059.00	C56			
JPM2539T	801055.00	C02			
JPM2539T	G801055.00	C56			
JPM2542T	801060.00	C02			
JPM2542T	G801060.00	C56			
JPM3154T	121846.00				
JPM3154T	G121846.00	C56			
JPM3157T	121847.00				
JPM3157T	G121847.00	C56			
JPM3158T	121849.00				
JPM3158T	G121849.00				
JPM3211T	131882.00				
JPM3211T	G131882.00	C56			
JPM3212T	131884.00				
JPM3212T	G131884.00	C56			
JPM3218T	131883.00				
JPM3218T	G131883.00				
JPM3219T	131885.00				
JPM3219T	G131885.00	C56			
JPM3311T	140667.00				
JPM3311T	G140667.00	C56			
JPM3312T	140655.00				
JPM3312T	G140655.00	C56			
JPM3313T	140668.00				
JPM3313T	G140668.00	C56			
JPM3314T	140656.00				
JPM3314T	G140656.00	C56			
JPM3554T	G151736.60	C56			
JPM3558T	G151737.60				
JPM3610T	G151738.60				
JPM3611T	G151739.60				
JPM3613T	G151740.60				
JPM3615T	G151741.60				
JPM3709T	G151742.60				
JPM3710T	G151743.60				
JPM3711T	G151744.60				
JPM3713T	G151746.60				
JPM3714T	G151745.60				
JPM4103T	G151751.60				
JPM4104T	G151753.60				
JPM4106T	G151748.60				
JPM4107T	G151750.60				
JPM4108T	G151752.60				
JPM4109T	G151754.60				
JPM4110T	G151755.60				
JPM4114T	G151756.60				
JSL1303A	MST1052.00				
JSL1306A	MST1072.00				
JSL1309A	MST1102.00				

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
JSL1313A	MST1152.00				
JSL1317A	MST1202.00				
JSL325A	MST1052.00				
JSL425A	MST1072.00				
JSL525A	MST1102.00				
JSL625A	MST1152.00				
JSL725A	MST1202.00				
K3403	102866.00	F02			
K3405	102870.00	F02			LM24736
KBL3406	114165.00				
KBL3409	111950.00				
KBM3458	114158.00				
KENM3534	102696.00	E01	F02		
KL1203	100023.00	K89			LM24569
KL1205	100354.00	K89			LM24688
KL1205A	100355.00	K89			
KL3403	102866.00				
KL3405	102870.00				LM24736
KM3003	103014.00	F02			
KM3006	100375.00	F02			LM24909
KM3454	101767.00	F02			LM24964
KM3454-50	102184.00				
KM3457	110446.00	E01			
KNM3454	101648.00	F02			
KNM3534	102863.00	F02			
L1200	102012.00	E02			
L1201	102013.00	E02			
L1203	101423.00	P02			LM24458
L1203M	101423.00				LM24458
L1204	102015.00	E02			
L1205	100336.00	F02			LM24467
L1206	100116.00	P01			
L1206-50	110394.00	F03			
L1206M	100588.00	F02			LM24550
L1207	110001.00	F03			LM24540
L1208	100184.00				LM24465
L1208-50	113901.00	F03			
L1209	100338.00				
L1209-50	110395.00	F03			
L1209M	100004.00	F02			LM24553
L1300	114617.00	E02			LM24545
L1301	100006.00				LM24570
L1301M	100588.00				LM24550
L1302	110001.00				LM24540
L1303	100337.00	F02			
L1304	100007.00	F02			LM24551
L1304-50	110395.00	F03			
L1304A	100002.00	F02			LM24552
L1304M	100004.00	F02			LM24553
L1305	110002.00	F03			LM24542
L1306	100340.00				LM24674
L1306-50	113902.00				
L1306A	100053.00	P02			
L1307	100008.00	F02			LM24502
L1307-50	110396.00				
L1307A	100003.00	F02			LM24503
L1307M	100005.00	F02			
L1308	110003.00	F02			LM24543
L1309	110360.00				LM24525
L1309-50	113903.00				
L1309A	110097.00	P02			
L1310	110004.00				LM24580
L1310M	110167.00	F03			LM24582
L1313	110361.00	F03			LM24524
L1313	113631.00	F03			LM24524
L1313-50	113904.00				
L1313A	110110.00	F03	P02		
L1313T	120107.00				LM24676
L1317	110363.00	F03			LM24624
L1317-50	113905.00				
L1317A	110362.00	P02	F03		
L1318	110004.00	F03			LM24580
L1318-50	110397.00				
L1318M	110167.00	C39	F03		LM24582
L1318T	120044.00				LM24675
L1318TM	120003.00	C39			
L1319	110005.00				LM24583

Cross Reference

Baldor to Leeson and Lincoln

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
L1319-50	110398.00				
L1319M	110006.00				LM24585
L1319T	120004.00				
L1319T	120042.00				
L1320T	120106.00				LM24806
L1321T	120001.00	P01			
L1321TM	120004.00				
L1322T	120067.00				LM24677
L1322TM	120879.00				LM24685
L1401	120044.00	B22			LM24675
L1401M	120003.00	B22			
L1403	120001.00	B22			
L1403M	120004.00	B22			
L1405	131515.00	F08			LM24678
L1405T	131515.00				LM24678
L1405T-50	131553.00				
L1406T	131636.00				LM24679
L1407	120043.00	B22	E02		
L1408T	131534.00				LM24680
L1408T-50	131554.00				
L1408TM	131561.00				
L1408TM	131851.00				
L1409T	131616.00				LM24681
L1410T	131537.00				LM24682
L1410TM	131622.00				
L1430T	131537.00				LM24682
L1430TM	131622.00				
L1502	131515.00	B23			LM24678
L1505	131534.00	B23			LM24680
L1508T-50	131555.00				
L1509T	140680.00				
L1510T	140155.00				LM24683
L1511T	140681.00				
L1512T	140311.00				LM24684
L206	100006.00				LM24570
L3351	092111.00				LM24208
L3353	092114.00				LM19754
L3355	092116.00				
L3356	092112.00				LM19754
L3400	102012.00				
L3401	102013.00				
L3403	102014.00				LM24606
L3403M	101446.00				
L3404	102015.00				
L3405	102016.00				LM24705
L3406	100955.00				
L3406M	102018.00				
L3407	102019.00				
L3408	102020.00				
L3409	100956.00				
L3500	114617.00				LM24545
L3501	102931.00				LM24597
L3501-50	110423.00	C25			
L3501M	102933.00				LM24602
L3502	110009.00				LM24546
L3503	102905.00				LM24706
L3503-50	113917.00				
L3504	102906.00				LM24627
L3504-50	110064.00				
L3504A	102908.00				LM24603
L3504M	102909.00				LM24604
L3505	110011.00				LM24496
L3506	110276.00				LM24707
L3506-50	113918.00				
L3507	110013.00				LM24607
L3507-50	110065.00				
L3507A	110017.00				LM24608
L3507M	110022.00				
L3508	110400.00				LM24497
L3508T	110400.00	F05			LM24497
L3509	110059.00	F03			LM24708
L3509-50	113919.00				
L3509M	110142.00	F03			LM24745
L3510	110209.00	F03			LM24610
L3510-50	113911.00	F05			
L3510A	110018.00	F03			LM24611
L3510M	110023.00	F03			LM24612

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
L3510T	120025.00				LM24709
L3510TM	120008.00				
L3513	110094.00	F03			LM24531
L3513-50	113920.00	C25	F05		
L3513M	110109.00	F03			LM24532
L3513T	120130.00				LM24710
L3514	110253.00				LM24513
L3514-50	110424.00	F05			
L3514A	110019.00				LM24514
L3514M	113333.00				LM24515
L3514T	120026.00				LM24711
L3514TM	120009.00				LM24746
L3515	110352.00				LM24534
L3515-50	113928.00	F05			
L3515M	110402.00				LM24534
L3515T	120036.00				LM24712
L3516T	121507.00				
L3516TM	110090.00				
L3516TM	120867.00	C25	F06		
L3601	120025.00	B22			LM24709
L3603	120026.00	B22			LM24711
L3605	131509.00	F08			LM24713
L3605M	131509.00	F08	P03		LM24713
L3605T	131509.00				LM24713
L3605T-50	131556.00				
L3605TM	131509.00	P03			LM24713
L3606	131637.00	F08			LM24715
L3606T	131637.00				LM24715
L3607	120043.00	B22			
L3608T	131549.00				LM24717
L3608TM	132042.00	C39			
L3609T	131533.00	C10			LM24716
L3609T-50	131557.00				
L3609TM	131855.00	C39			
L3612TM	131856.00	C39			
L3613T	131526.00				
L3703	140747.00	C39	F12		
L3705	131855.00	B23			
L3708	140203.00	F12	P02		
L3708T	140203.00	F12	P02		
L3708T-50	140475.00	P02			
L3708TM	140203.00	F12			
L3709T	140684.00				LM24719
L3710T	140120.00				LM24720
L3711T	140685.00				LM24721
L3712T	140581.00				LM24722
L5001A	111074.00	E01			
L5004A	111084.00	F05			
L5007A	110934.00	F05			
L5023A	110961.00	F05			
M1504T	120942.00				
M1506T	131473.00				
M1507T	131472.00	C11			
M1508T	140446.00				
M1554T	120944.00				
M1555T	120947.00	C11			
M1556T	120946.00				
M1557T	131468.00	C11			
M1558T	131469.00				
M1559T	140443.00				
M1704T	120943.00				
M1706T	131471.00				
M1707T	131470.00				
M1708T	140445.00				
M1754T	120945.00	C11	C25		
M1755T	120941.00	C11			
M1756T	120940.00				
M1757T	131474.00	C11			
M1758T	131475.00				
M1759T	140447.00	C11			
M1760T	140448.00				
M2237	G140578.00	B24			
M2238	G150140.60	B24			
M2275	G140126.00	B24			
M2276T	G150122.60				
M2280T	151355.22				
M2280T	G151355.22				

This information is furnished as a guide only. Always check specific motor to determine suitability for direct replacement

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
M2332	G150123.60	B25			
M2332T	G150123.60				
M2333	G150066.60	B25			
M2333T	G150066.60				
M2333T-5					LM16400
M2333T-50	170062.60				
M2333T-8					LM32691
M2334	G150007.60	B25			
M2334T	G150007.60	C52			
M2334T-12	G150007.60				
M2334T-5					LM15919
M2393	G140686.00	B24			
M2394	G151317.60	B24			
M2394T	G150062.60				
M2395T	150261.22				
M2395T	G150261.22				
M2401T	151356.22				
M2401T	G151356.22				
M2402T	150282.22				
M2402T	G150282.22				
M2504T	151355.22	C02	E02		
M2505	G140471.00	B24			
M2506T	G150145.60	C02			
M2508T	151356.22	C02	E02		
M2510	G140490.00	B24			
M2511T	G150146.60	C02			
M2513T	G140579.00				
M2513T-5					LM24219
M2513T-8					LM26334
M2514T	G150032.60	C02			
M2515T	G150006.60	C02	C52		
M2515T-12	G150006.60	C02			
M2515T-5					LM24232
M2515T-8					LM32675
M2516T	G150034.60	C02			
M2523	G140579.00	B25			
M2524T	G150067.60	C02			
M2527	G150006.60	B25			
M2528T	G150000.60	C02			
M2531	G150009.60	B26			
M2531T	G150009.60	C02			
M2531T-12	G150009.60	C02			
M2531T-5					LM29581
M2531T-8					LM33067
M2532T	G150002.60	C02			
M2534T	G150036.60	C02			
M2535	G150013.60	B26			
M2535T	G150013.60	C02	C52		
M2535T-12	G150013.60	C02			
M2535T-5					LM29865
M2535T-8					LM32670
M2536T	G150004.60	C02			
M2538T	G150038.60	C02			
M2539T	G150017.60	C02	C52		
M2539T-12	G150017.60	C02			
M2539T-5					LM14402
M2539T-8					LM32680
M2540T	G150147.60	C02			
M2542T	G150040.60	C02			
M2543T	G150021.60	C02	C52		
M2543T-12	G150021.60	C02			
M2543T-5					LM14405
M2543T-8					LM33070
M2544T	G150148.60	C02			
M2546T	G150042.60	C02			
M2547T	G150025.60	C02	C52		
M2547T-12	G150025.60	C02			
M2547T-5					LM18378
M2548T	G150149.60	C02			
M2549T	G150044.60	C02			
M2550T	G150151.60	C02			
M2551T	G150029.60	C02	C52		
M2551T-12	G150029.60	C02			
M2551T-5					LM18384
M2552T	G150150.60	C02			
M2554T-4	G150154.60	C02	C47		
M2555T	G150152.60	C02	C52		

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
M2555T-12	G150152.60	C02			
M2555T-5					LM18298
M2556T-4	G151449.60	C02			
M2557T-4	170259.60	C15			LM13816
M2558T-4	G151522.60	F19			
M2559T-4	G150155.60	C02	C47		
M2560T-4	171576.60	C15			LM13818
M2562T-4	171573.60	C15			LM13819
M2563T-4	G151523.60				
M2564T-4	171577.60	C15			LM16239
M2566T-4	151524.60				
M2566T-4	G151524.60				
M2569T-4	151525.60				
M2569T-4	G151525.60				
M2572T-4	151518.60	F19			
M2583T	170255.60	C15			LM13815
M3003	100027.00	F02			LM24866
M3006	101447.00				LM24867
M3007	100446.00				
M3009	110425.00	H03			LM24868
M3010	100961.00	E02			LM24932
M3012	100960.00	E02			
M3101	110425.00	H03			LM24868
M3104	100028.00				LM24152
M3105	110425.00				LM24868
M3107	101448.00				LM24869
M3108	100029.00				LM24098
M3108A	100796.00	B32			
M3109	110027.00				LM24146
M3111	101449.00				LM24870
M3112	100030.00				LM24099
M3112A	100908.00	B32			
M3115	110426.00				LM24155
M3116	110029.00				LM24111
M3116A	111311.00	B32			
M3116T	G120010.00				
M3116T-5					LM24170
M3116T-5					LM25066
M3116T-8					LM33053
M3120	110429.00				LM24874
M3120T	G120103.00				
M3153	110028.00				LM24162
M3154	110430.00				LM24117
M3154	111309.00				LM24117
M3154	115825.00				LM24117
M3154A	111309.00				
M3154T	G120011.00				
M3154T-8					LM33056
M3155	113292.00				LM24877
M3155T	G120076.00				
M3156	113933.00	E02			LM24159
M3156T	G120089.00				
M3157	111310.00				
M3157	113025.00				
M3157	115826.00				
M3157T	G120012.00				
M3157T-5					LM24124
M3157T-8					LM33057
M3157TA	111310.00	F03			
M3158	113293.00				LM24878
M3158T	G120077.00				
M3159	114930.00	E02			
M3161T	116595.00	F05			
M3161TA	116595.00	P03			
M3203	G120010.00	B22			
M3206	G120011.00	B22			
M3207T	G130010.00				
M3208	G120076.00	B22			
M3209	G120012.00	B22			
M3210	G120077.00	B22			
M3211T	G130000.00				
M3211T/36	G130000.00				
M3211T-5					LM24227
M3211T-50	131519.00				
M3211T-8					LM33059
M3211TA	G131338.00				
M3212T	G130282.00				

Cross Reference

Baldor to Leeson and Lincoln

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
M3215T	G130012.00				
M3216T	131478.00	E02			
M3218T	G130004.00				
M3218T-5					LM25070
M3218T-8	131500.00				
M3218TA	G130565.00				
M3219T	G130284.00				
M3220T	131479.00	E02			
M3303T	140516.00	E02			
M3304	G131338.00	B23			
M3305T	G140550.00				
M3306T	140516.00	E02			
M3306T	G151809.22				
M3307	G130282.00	B23			
M3308	G130565.00	B23			
M3309T	G140122.00				
M3310	G130284.00	B23			
M3311T	G140471.00				
M3311T-5					LM24229
M3311T-50	140470.00				
M3311T-8	131547.00				
M3312T	G140682.00				
M3313T	G140490.00				
M3313T-5					LM24231
M3313T-8	140004.00				
M3314T	G140683.00				
M3454	101646.00				LM24929
M3457	102684.00				
M3457	102864.00				
M3458	101647.00				LM24930
M3460	100905.00				
M3461	100905.00				LM24932
M3463	100960.00				
M3531	110441.00	H03			LM24931
M3532	114618.00	H01			LM24291
M3534	101079.00				LM24107
M3535	110441.00				LM24931
M3536	114618.00	H01			LM24291
M3537	101448.00	E03			LM24869
M3537	110143.00				LM24869
M3537-5	110714.00	E01			LM25094
M3538	100913.00				LM24073
M3538-5	101051.00	E01	F02		
M3538-5	110199.00	E01			
M3538-50	102693.00				
M3539	110353.00				LM24105
M3541	110313.00				LM24133
M3541-5	110354.00				LM24110
M3541-50	114306.00				
M3542	110034.00				LM24075
M3542-5	110178.00				LM25095
M3542-50	114307.00	C39			
M3543	110275.00	F03			LM24136
M3543	121009.00				LM24136
M3543-5	111394.00				
M3543T	121009.00				LM24103
M3543T-5	111394.00	F03			
M3545	110145.00				LM24094
M3545-5	110715.00				LM25096
M3545-50	114308.00				
M3546	110035.00				LM24078
M3546-5	110206.00				LM25097
M3546T	G120014.00				
M3546T-5					LM24109
M3546T-50	121096.00				
M3546T-8	120047.00				
M3550	110745.00				LM24144
M3550T	G120086.00				
M3550T-5	120170.00	C08			
M3550T-50	121097.00				
M3554	110444.00				LM24118
M3554T	G120015.00	C25			
M3554T-5	120021.00	C08			
M3554T-50	121093.00				
M3554T-8	120032.00				
M3555	111916.00	F03			LM24347
M3555T	G120088.00				

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
M3555T-50	121094.00				
M3556	113933.00	F03			LM24159
M3556T	G120087.00				
M3556T-5	120167.00	C08			
M3557	114930.00				
M3558	113026.00				LM24097
M3558T	G120016.00				
M3558T-5					LM24108
M3558T-50	121095.00				
M3558T-8	120034.00				
M3559	114614.00	C11			
M3559T	G120185.00				
M3560	114618.00	F03			LM24291
M3581T	G120014.00	C01	C25		
M3582T	G120087.00	C01	C25		
M3583T	G120086.00	C01	C25		
M3584T	G120015.00	C01	C25		
M3586T	G120088.00	C01	C25		
M3587T	G120016.00	C01	C25		
M3600	114618.00	B22			LM24291
M3601	121009.00	B22			LM24103
M3602	121199.00	C25	F22		LM24276
M3603	G120014.00	B22			
M3604	G120087.00	B22			
M3605	G120086.00	B22			
M3606	G120015.00	B22			
M3607	116591.00	B22			
M3607T	G130015.00				
M3607T	G131479.00				
M3607T-5	131548.00	C08			
M3608	G120088.00	B22			
M3609	G120016.00	B22			
M3610	G130099.00	F08			
M3610T	G130099.00				
M3610T-50	131480.00				
M3611	G130008.00	F08			
M3611T	G130008.00				
M3611T/36	G130008.00				
M3611T-5					LM16384
M3611T-50	131459.00				
M3611T-8	131465.00				
M3613T	G130101.00				
M3613T-50	131481.00				
M3614T	G130016.00				
M3615T	G130027.00				
M3615T-5					LM16387
M3615T-50	131454.00				
M3615T-8	131466.00				
M3616T	G131082.00				
M3617T	131478.00				
M3617T	G131478.00				
M3618T	131479.00				
M3660T	G151563.60				
M3661T	G151320.60				
M3663T	G150299.60				
M3664T	G130016.00	C01			
M3665T	G151322.60				
M3667T	G130015.00	C01			
M3701	131479.00	B23			
M3702T	140516.00				
M3702T	G140516.00				
M3703	G130008.00	B23			
M3705T	140518.00				
M3706	G130101.00	F09			
M3707	G130027.00	F09			
M3708T	G140126.00				
M3709	G130103.00	F12			
M3709T	G130103.00				
M3710T	G140578.00				
M3710T-5	140593.00				
M3710T-8	131467.00				
M3711T	G140686.00				
M3712	G130016.00	B23			
M3713T	G140687.00				
M3714T	G140489.00				
M3714T-5					LM16395
M3714T-50	140451.00				

This information is furnished as a guide only. Always check specific motor to determine suitability for direct replacement

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
M3714T-8	140013.00				
M3750T	G151809.22				
M3768T	G140126.00	C01			
M3769T	G150158.60				
M3770T	G150157.60				
M3771T	G150159.60				
M3774T	G150140.60				
M4100T	G150068.60				
M4102T	G150001.60				
M4103	G150011.60	B26			
M4103T	G150011.60	C52			
M4103T-12	G150011.60				
M4103T-5					LM16407
M4104	G150015.60	B26			
M4104T	G150015.60	C52			
M4104T-12	G150015.60				
M4104T-5					LM19595
M4104T-8	170015.60				
M4106	G150033.60	B25			
M4106T	G150033.60				
M4107	G150035.60	B26			
M4107T	G150035.60				
M4108T	G150037.60				
M4109T	G150039.60				
M4110T	G150019.60	C52			
M4110T-12	G150019.60				
M4110T-5					LM14396
M4111T	G150003.60				
M4112T	150263.22				
M4112T	G150263.22				
M4114T	G150041.60				
M4115T	G150023.60	C52			
M4115T-12	G150023.60				
M4115T-5					LM14399
M4116T	150265.22				
M4117T	G150005.60				
M4118T	G151318.60				
M4307	G150019.60	B27			
M4308T	G150096.60				
M4310T	G150043.60				
M4311	G150023.60	B27			
M4312T	G150097.60				
M4313T	G150045.60				
M43145T-5					LM18366
M4314T	G150027.60	C52			
M4314T-12	G150027.60				
M4316T	G150031.60	C52			
M4316T-12	G150031.60				
M4316T-5					LM18372
M4400T	G150087.60	C52			
M4400T					LM18292
M4400T-12	G150087.60				
M4402T-4	G150160.60				
M4403T	G150098.60				
M4404T	G150099.60				
M4406T-4	G151371.60				
M4407T-4	G150352.60				
M4408T-4	151516.60	F25			
M4409T	G151367.60				
M4410T-4	G151369.60				
M4411T-4	G151370.60				
M4412T-4	G151368.60				
M44156T-4	171315.60	C15			LM16231
M44206T-4	171316.60	C15			LM60072
M44304T-4	151529.60				
M44304T-4	G151529.60				
M44354T	G151530.60				LM13720
M44354T-4	151530.60				
M7002A	111932.00	E01			
M7003A	111940.00	E01	F05		
M7005A	111934.00	E01			
M7006A	111929.00	E01			
M7007A	111938.00	F05			
M7009A	111937.00				
M7010A	111923.00				
M7013	111942.00				
M7014	111922.00	F05			

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
M7014T	111922.00	F05			
M7018T	G120489.00				
M7019	G120490.00	B22			
M7023	G120391.00	B22			
M7026	G120387.00	B22			
M7027	G158362.00	B23			
M7030	G158366.00	B23			
M7034T	121915.00				
M7034T	G120490.00				
M7037T	G120391.00				
M7044T	G158366.00	C02			
M7045T	G158158.00	C02			
M7047T	G158157.00	C02			
M7053T	G158000.00				
M7054T	G158001.00				
M7056T	G158010.00				
M7058T	G825047.00				
M7059T	G825039.00				
M7060T	G825041.00				
M7062T	G825043.00				
M7063T	G825046.00				
M7064T	G825045.00				
M7066T	G825002.00				
M7067T	G825042.00				
M7068T	G825005.00				
M7071T	121916.00				
M7071T	G120491.00				
M7072T	G158319.00	C02			
M7074T	G158159.00	C02			
M7075T	G120387.00				
M7081T	G825044.00				
M7083T	G825040.00				
M7090T	G825008.00				
M7142T	G158362.00				
M7144T	G158366.00				
M7147T	G158157.00				
M7170T	G158140.00				
M7174T	G158159.00				
M74124T-4	G825011.00				
M74154T-4	G825014.00				
M74204T-4	G825017.00	F19			
M74254T-4	825020.99	F25			
MM2333	193131.60				
MM2334	193141.60				
MM3454	192010.00	C39			
MM3457	192020.00	C39			
MM3458	192021.00	C39			
MM3460	192030.00	C39			
MM3461	192031.00	C39			
MM3463	192040.00	C39			
MM3542	192041.00	C39			
MM3545	192050.00	C39			
MM3546	192051.00	C39			
MM3550	192060.00	C39			
MM3554	192061.00				
MM3555	192070.00				
MM3558	192071.00				
MM3559	192080.00				
MM3611	193081.60	C02			
MM3613	193100.60	C02			
MM3615	193101.60	C02			
MM3709	193110.60	C02			
MM3710	193111.60	C02			
MM3711	193120.60	C02			
MM3714	193121.60	C02			
MM4103	193151.60				
MM4104	193161.60				
MM4110	193171.60				
MM5100	192010.00				
MM5100-5	192088.00				
MM5150	192011.00				
MM5150-5	192089.00				
MM5200	192020.00				
MM5200-5	192097.00				
MM5250	192021.00				
MM5250-5	192098.00				
MM5300	192030.00				

Cross Reference

Baldor to Leeson and Lincoln

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
MM5300-5	192106.00				
MM5350	192031.00				
MM5350-5	192107.00				
MM5400	192040.00				
MM5400-5	192115.00				
MM5450	192041.00				
MM5450-5	192116.00				
MM5500	192050.00				
MM5500-5	192124.00				
MM5550	192051.00				
MM5550-5	192125.00				
MM5600	192060.00				
MM5600-5	192133.00				
MM5650	192061.00				
MM5650	192202.00				
MM5650-5	192134.00				
MM5650-5	192230.00				
MM5650D	192203.00				
MM5700	192070.00				
MM5700-5	192142.00				
MM5750	192071.00				
MM5750-5	192143.00				
MVM2613D	193336.60				
MVM3457D	192024.00				
MVM3458C	192028.00				
MVM3458D	192025.00				
MVM3460C	192037.00				
MVM3460D	192034.00				
MVM3461C	192038.00				
MVM3461D	192035.00				
MVM3463C	192047.00				
MVM3463D	192044.00				
MVM3542C	192048.00				
MVM3542D	192045.00				
MVM3545C	192057.00				
MVM3545D	192054.00				
MVM3546C	192058.00				
MVM3546D	192055.00				
MVM3550C	192067.00				
MVM3550D	192064.00				
MVM3554C	192068.00				
MVM3554D	192065.00				
MVM3555C	192077.00				
MVM3555D	192074.00				
MVM3558C	192078.00				
MVM3558D	192075.00				
MVM3559C	192087.00				
MVM3559C	192214.00				
MVM3559D	192084.00				
MVM3559D	192211.00				
MVM3611C	193088.60				
MVM3611C	193359.60				
MVM3611D	193334.60				
MVM3613C	193107.60				
MVM3613D	193104.60	C02			
MVM3615D	193105.60	C02			
MVM3615D	193337.60				
MVM3709D	193342.60				
MVM3710D	193115.60	C02			
MVM3710D	193343.60				
MVM3711D	193124.60	C02			
MVM3711D	193345.60				
MVM3714D	193125.60	C02			
MVM5100C	192017.00				
MVM5100C-5	192088.00	K10			
MVM5100D	192014.00				
MVM5100D-5	192088.00	K01			
MVM5150C	192018.00				
MVM5150C-5	192089.00	K10			
MVM5150D	192015.00				
MVM5150D-5	192089.00	K01			
MVM5200C	192027.00				
MVM5200C-5	192097.00	K10			
MVM5200D	192024.00				
MVM5200D-5	192097.00	K01			
MVM5250C	192028.00				
MVM5250C-5	192098.00	K11			

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
MVM5250D	192025.00				
MVM5250D-5	192098.00	K02			
MVM5300C	192037.00				
MVM5300C-5	192106.00	K11			
MVM5300D	192034.00				
MVM5300D-5	192106.00	K02			
MVM5350C	192038.00				
MVM5350C-5	192107.00	K11			
MVM5350D	192035.00				
MVM5350D-5	192107.00	K02			
MVM5400C	192047.00				
MVM5400C-5	192115.00	K11			
MVM5400D	192044.00				
MVM5400D-5	192115.00	K02			
MVM5450C	192048.00				
MVM5450C-5	192116.00	K12			
MVM5450D	192045.00				
MVM5450D-5	192116.00	K03			
MVM5500C	192057.00				
MVM5500C-5	192124.00	K12			
MVM5500D	192054.00				
MVM5500D-5	192124.00	K03			
MVM5550C	192058.00				
MVM5550C-5	192125.00	K12			
MVM5550D	192055.00				
MVM5550D-5	192125.00	K03			
MVM5600C	192067.00				
MVM5600C-5	192133.00	K12			
MVM5600D	192064.00				
MVM5600D-5	192133.00	K03			
MVM5650C	192068.00				
MVM5650C	192204.00				
MVM5650C-5	192134.00	K13			
MVM5650D	192065.00				
MVM5650D-5	192134.00	K04			
MVM5700C	192077.00				
MVM5700C	192213.00				
MVM5700C-5	192142.00	K13			
MVM5700D	192074.00				
MVM5700D	192210.00				
MVM5700D-5	192142.00	K04			
MVM570C	192207.00				
MVM5750C	192078.00				
MVM5750C-5	192143.00	K13			
MVM5750D	192075.00				
MVM5750D	192206.00				
MVM5750D-5	192143.00	K04			
NM3454	100123.00	C25			
NM3534	102920.00	C25			
NM3538	102918.00	C25			
NM3542	114309.00				
NM3546T	121098.00				
NM3554T	121099.00	E02			
PCL1313M	114214.00				
PCL1317M	114215.00				
PCL1319M	113700.00	F29			
PCL1322M	113281.00	F29			
PCL1326M	116707.00	F29			
PCL1327M	116709.00	F29			
PCL3513M	115024.00				
PCL3514M	116703.00	F29			
PCL3515M	114995.00	F29			
PCL3519M	115048.00	C11	F29		
PL1313M	113631.00				
PL1317M	113632.00				
PL1319M	113266.00				
PL1322M	116704.00	F05			
PL1326M	116706.00	F05			
PL1327M	116708.00				
PL3513M	110109.00				LM24532
PL3514M	113333.00	F05			LM24515
PL3515M	110402.00	F05			LM24534
PL3519M	116705.00	F05			LM24748
PSC3413A	100699.00				
PSC3413A	100701.00				
PSC3413A	M099801.00				
PSC3416A	100700.00				

This information is furnished as a guide only. Always check specific motor to determine suitability for direct replacement

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
PSC3416A	M090253.00				
PSC3524A	100701.00				
RHM3104	100210.00				
RHM3108	100145.00				
RHM3108A	100796.00				
RHM3111	101773.00				
RHM3111A	101641.00				
RHM3112	100146.00	F05			
RHM3112A	100908.00				
RHM3115	114192.00				
RHM3115A	113895.00	F03			
RHM3116	110052.00				
RHM3116A	111311.00				
RHM3120A	113896.00				
RHM3154	110433.00				
RHM3154A	113846.00				
RHM3155A	113897.00				
RHM3157	114197.00				
RHM3157A	113847.00				
RHM3158	113926.00				
RHM3158TA	113926.00				
RHM3161TA	116593.00				
RHM3162TA	121665.00				
RL1205A	101431.00	C11			
RL1208A	101432.00	C11			
RL130	100012.00	F05			
RL1301A	100110.00				
RL1301A277	102964.00				
RL1304A	100011.00				
RL1304A277	102965.00				
RL1306A	100603.00	F05			
RL1307A	100065.00				
RL1307A277	102966.00				
RL1309A	110478.00				
RL1310A	110054.00				
RL1310A277	116599.00				
RL1313A	110479.00				
RL1317A	113633.00				
RL1319A	110579.00				
RL1319A277	116600.00				
RL132	100065.00	F05			
RL1323A	100064.00				
RL144A	100109.00				
RL224A	101431.00	C11			
RL245A	100010.00	C25			
RL324A	101432.00	C11			
RL345A	100011.00				
RL425A	100603.00				
RL445A	100012.00	F05			
RL525A	110478.00	F05			
RL545A	110007.00	F05			
RL625A	110479.00	F05			
RL645A	110579.00	F05			
RL725A	113633.00	F05			
RM3003	100210.00	F03	H03		
RM3006	101639.00	F03	P01		
RM3007	100210.00	F03			
RM3009	101640.00	F03	P01		
RM3010	100145.00	F03			
RM3104	100210.00				
RM3108	100145.00				
RM3108A	100796.00				
RM3111	101773.00				
RM3111A	101641.00				
RM3112	100146.00				
RM3112A	100908.00				
RM3115	114192.00				
RM3115A	113895.00				
RM3116	110052.00				
RM3116A	111311.00				
RM3120	114194.00				
RM3120A	113896.00				
RM3154	110433.00				
RM3154A	113846.00				
RM3155	114196.00				
RM3155A	113897.00				
RM3157	114197.00				

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
RM3157A	113847.00				
RM3158	113926.00	P01			
RM3158TA	113926.00				
RM3161TA	116593.00				
RSP1441A	191868.00				
RSP1442A	191868.00				
RSP2441A	191869.00				
RSP2442A	191869.00				
RSP3441A	191870.00				
RSP3442A	191870.00				
UCL1015	140640.00				LM24782
UCL1015	141084.00				LM24782
UCL570	131847.00				
UCL710	131848.00				LM24780
UCL710	140640.00				LM24780
UCM1014	140641.00				LM24785
UCM575	131849.00				LM24783
UCM713	131850.00				LM24784
UCME1014	140641.00				LM24785
UCME570	131849.00				LM24783
V2l325A	MK1052.00				
V2L425A	MK1072.00				
V2L525A	MK1102.00				
VBM3108	114156.00				
VBM3112	114157.00				
VBM3116	114166.00				
VBM3116T	121678.00				
VBM3154	116766.00				
VBM3154T	120372.00				
VBM3157T	120373.00				
VBM3211T	131624.00				
VBM3218T	131625.00				
VBM3248T	131625.00				
VBM3538	114159.00	E02			
VBM3542	114160.00	E02			
VBM3542-5	110177.00	K91			
VBM3546	114161.00				
VBM3546T	121556.00				
VBM3546T-5	120176.00	K91			
VBM3554	116768.00				
VBM3554T	120331.00				
VBM3558T	120332.00				
VBM3611T	131610.00				
VBM3615T	131611.00				
VBM3710T	131612.00				
VBM3714T	140637.00				
VEFWDM3554T	G121655.00				
VEJMM3116T	122073.00				
VEJMM3154T	122077.00				
VEJMM3157T	122080.00				
VEJMM3546T	122084.00				
VEJMM3554T	122088.00				
VEJMM3558T	122092.00				
VEM3542	114213.00				
VEM3545	116748.00				
VEM3546	114638.00				
VEM3546T	121067.00	C49			
VEM3550	116750.00				
VEM3554	116743.00				
VEM3554T	121066.00				
VEM3555	116744.00				
VEM3555	116751.00				
VEM3556	116749.00				
VEM3558	116744.00				
VEM3558T	121065.00				
VEM3581	114638.00	C01			
VEM3581	120024.00	C01			
VEM3581T	121067.00	C01			
VEM3584T	121066.00	C01			
VEM3587T	121065.00	C01			
VEM3610T	G131513.00				
VEM3615T	131501.00				LM16825
VEM3661T	131503.00	C01			LM16824
VEM3665T	131501.00	C01			LM16825
VEM3710T	140486.00				LM16826
VEM3714T	140484.00				
VEM3770T	140486.00	C01			LM16826

Cross Reference

Baldor to Leeson and Lincoln

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
VEM3774T	140484.00	C01			
VFDL3501M	113290.00				
VFDL3501M	M002290.00				
VFDL3504M	110492.00				
VFDL3504M	M009492.00				
VFDL3507M	110493.00				
VFDL3507M	M009493.00				
VFDL3510M	110494.00				
VFDL3510M	M009494.00				
VFDL3514M	110495.00	C39			
VFDL3516TM	120855.00				
VFDL3610TM	131603.00	C39			
VFDL3612TM	131602.00	C39			
VL1301	100024.00	K89			LM24571
VL1303	100356.00	K89			LM24689
VL1303A	100054.00	K89			
VL1303A	100204.00				
VL1303A	101524.00				
VL1304	100025.00	K89			LM24555
VL1305	110381.00	K82			LM24544
VL1306	100357.00	K89			LM24690
VL1306A	100055.00	K89			
VL1306A	100205.00				
VL1306A	101525.00				
VL1307	100026.00	K89			
VL1307A	101523.00	K89			
VL1308	110382.00	K82			LM24691
VL1309	110384.00	K82			LM24526
VL1309A	100722.00				
VL1309A	101526.00				
VL1309A	113337.00	K82			
VL1310	110220.00	K82			LM24586
VL1313	110387.00	K82			LM24523
VL1313A	110288.00				
VL1313A	113336.00	K82			
VL1313A	113686.00				
VL1317	110390.00	K82			LM24527
VL1317A	110289.00				
VL1317A	113335.00	K82			
VL1318	110220.00	K82			LM24586
VL1318A	110036.00	P02	K82		
VL1319	110388.00	K82			LM24587
VL1322T	120073.00	K82			LM24694
VL1323A	110280.00				
VL1323A	113334.00	K82			
VL1408T	131539.00	K84			LM24696
VL1408T	131544.00	K84			LM24696
VL225A	100204.00	H01			
VL325A	100204.00				
VL3501	101766.00	F02			
VL3501-50	113921.00	C25			
VL3503	102864.00				LM24736
VL3503-50	113912.00				
VL3504	102862.00	E02			LM24599
VL3504-50	113922.00				
VL3505	110411.00				LM24737
VL3506	110413.00				LM24738
VL3506-50	113913.00				
VL3506A	110412.00	P02			LM24745
VL3507	110057.00				LM24613
VL3507-50	113923.00				
VL3508	110414.00				LM24739
VL3509	110416.00				LM24740
VL3509-50	113914.00				
VL3509A	110415.00	P02			
VL3510	110058.00				LM24614
VL3510-50	113924.00				
VL3510T	121001.00				LM24741
VL3513	110419.00				LM24535
VL3513-50	113915.00	C25			
VL3513T	120101.00				
VL3514	110420.00				LM24622
VL3514-50	113925.00				
VL3514T	120017.00				
VL3515	110422.00				LM24530
VL3515-50	120990.00	F07			
VL3515T	120102.00				

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
VL3605	120060.00	F07			
VL3605T	131516.00				
VL3606T	132083.00	B31			
VL3609T	131545.00				
VL4005A	111095.00				
VL425A	100205.00				
VL5001A	111075.00	E01			
VL5003A	111098.00				
VL5004A	111085.00				
VL5006A	111097.00				
VL5007A	111086.00				
VL5009A	111096.00				
VL5023A	110852.00				
VL5030	114424.00				
VL525A	100722.00				
VL625A	110288.00				
VL725A	110289.00				
VL825A	110280.00				
VM2333T	151350.60				
VM2333T	G151350.60				
VM2334T	151352.60				
VM2334T	G151352.60				
VM2513T	151682.60	C02			
VM2513T	G151682.60				
VM2514T	151683.60	C02			
VM2514T	G151683.60				
VM2515T	151684.60	C02			
VM2515T	G151684.60				
VM2516T	151685.60	C02			
VM2516T	G151685.60				
VM2531T	151686.60	C02			
VM2531T	G151686.60				
VM2534T	151687.60	C02			
VM2534T	G151687.60				
VM3104	100048.00	F02			LM24910
VM3107	100056.00	F02			LM24911
VM3108	100049.00				LM24912
VM3109	110434.00				LM24913
VM3111	100378.00	F02			LM24914
VM3112	100050.00	F02			LM24915
VM3115	110111.00				LM24916
VM3116	110043.00	C25			LM24917
VM3116T	120172.00	C25			
VM3116T	G120172.00				
VM3120	110437.00				LM24919
VM3120T	121668.00				
VM3153	116728.00				
VM3153T	120063.00				
VM3154	110044.00				LM24160
VM3154T	120081.00				
VM3154T	G120081.00				
VM3155	113894.00				LM24921
VM3155T	121670.00				
VM3155T	G121670.00				
VM3156T	120082.00				
VM3156T	G120082.00				
VM3157	115553.00				LM24131
VM3157T	120035.00				
VM3157T	G120035.00				
VM3158	114420.00				LM24923
VM3158T	121187.00				
VM3158T	G121187.00				
VM3159T	121669.00				
VM3159T	G121669.00				
VM3161T	121405.00				
VM3161T	G131489.00				
VM3211	121405.00	F07			
VM3211T	131489.00				
VM3211T	131518.00				
VM3212T	131779.00				
VM3212T	G131779.00				
VM3215T	132059.00				
VM3215T	G132059.00				
VM3218	131779.00	F10			
VM3218T	131490.00				
VM3218T	G131490.00				
VM3219T	131780.00				

This information is furnished as a guide only. Always check specific motor to determine suitability for direct replacement

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
VM3219T	G131780.00				
VM3305T	140765.00				
VM3305T	G140765.00				
VM3311T	131527.00				
VM3311T	G140580.00				
VM3312T	140688.00				
VM3313T	140108.00				
VM3313T	G140108.00				
VM3314T	140689.00				
VM3314T	G140689.00				
VM3534	101769.00	F02			LM24093
VM3534-5	110176.00	E01	H01		
VM3534-50	102689.00				
VM3535	113311.00				LM24858
VM3537	114176.00				LM24138
VM3537-50	102691.00				
VM3538	102860.00				LM24083
VM3538-5	110176.00	E01			
VM3538-50	102694.00				
VM3539	110163.00				LM24128
VM3541	110448.00				LM24151
VM3541-50	114893.00				
VM3542	110047.00				LM24077
VM3542-5	110177.00				
VM3542-50	114894.00				
VM3543	112378.00				LM24153
VM3543T	120097.00				
VM3545	110112.00				LM24139
VM3545-50	114895.00				
VM3546	110048.00				LM24080
VM3546-5	110204.00				
VM3546T	120024.00				
VM3546T	G120024.00	C15			
VM3546T-5	120176.00				
VM3546T-5	G120176.00				
VM3546T-50	121272.00				
VM3550	110192.00				LM24096
VM3550T	120105.00				
VM3550T	G120105.00	C15			
VM3550T-50	121274.00				
VM3554	110125.00				LM24112
VM3554-5	111444.00				
VM3554T	120037.00				
VM3554T	G120037.00	C15			
VM3554T-5	120177.00				
VM3554T-5	G120177.00				
VM3554T-50	121275.00				
VM3555	111273.00				LM24132
VM3555-5	111611.00				
VM3555T	120061.00				
VM3555T	G120061.00				
VM3555T-50	121276.00				
VM3556	112379.00				LM24130
VM3556T	120098.00				
VM3556T	G120098.00	C15			
VM3557	113634.00				
VM3557T	120161.00				
VM3558	110451.00				LM24084
VM3558T	120038.00				
VM3558T	G120038.00				
VM3558T-5	120178.00				
VM3558T-5	G120178.00				
VM3558T-50	121277.00				
VM3559	111630.00				LM24975
VM3559T	120993.00				
VM3559T	G120993.00				
VM3561	113890.00	C11			
VM3603	120024.00	F07			
VM3606	120037.00	F07			
VM3607	120161.00	F07			
VM3609	120038.00	F07			
VM3610	120993.00	F07			
VM3610T	131513.00				
VM3611	131491.00	F10			
VM3611T	131491.00				
VM3611T	G131491.00				
VM3611T-5	131498.00				

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
VM3611T-5	G131498.00				
VM3613	131514.00	F10			
VM3613T	131514.00				
VM3613T	G131514.00				
VM3614	120038.00	F07			
VM3614T	131525.00				
VM3614T	G131525.00				
VM3615	131492.00	F10			
VM3615T	131492.00				
VM3615T	G131492.00				
VM3615T-5	131499.00				
VM3615T-5	G131499.00				
VM3616T	131510.00				
VM3616T	G131510.00				
VM3703	131491.00	B23			
VM3704	131642.00	F24			
VM3704T	131642.00				
VM3704T	G131642.00				
VM3707	131492.00	B23			
VM3708T	140535.00				
VM3708T	G140535.00				
VM3709T	131912.00				
VM3709T	G131912.00				
VM3710T	131528.00				
VM3710T	G141113.00				
VM3711T	140690.00				
VM3711T	G140690.00				
VM3713T	140691.00				
VM3713T	G140691.00				
VM3714T	140109.00				
VM3714T	G140109.00	C15			
VM3774T	G151348.60				LM16301
VM37770T	G151346.60				
VM4103T	151507.60				
VM4103T	G151507.60				
VM4104T	151508.60				
VM4104T	G151508.60				
VM4106T	151351.60				
VM4106T	G151351.60				
VM7002A	111931.00	E01			
VM7005A	111933.00	E01			
VM7006A	111930.00	E01			
VM7009A	111936.00				
VM7010A	111935.00				
VM7013	111943.00	P01			
VM7014	111926.00	P01			
VM7018T	111939.00	P01			
VM7034	111941.00	P01			
VM7037T	121178.00				
VM7037T	G121178.00	P01			
VM7042T	158003.00	C02			
VM7044T	158005.00	C02			
VM7044T	G825128.00	P01			
VM7071T	113971.00	P01			
VM7075T	114419.00	P01			
VMDM3554	116647.00				
VMDM3558	114616.00				
VNM3537	110144.00				
VNM3538	102861.00	F02			
VNM3542	110047.00	C25	E02		LM24077
VP3311D	M1130149.00	B01			
VP3316D	098014.00	E02	K18		
VP3326D	098015.00	E02	K18		
VP3411-14	M1130139.00	B01			
VP3416-14	098014.00	K22			
VP3426-14	098015.00	K22			
VP3428D	098016.00	K18			
VP3436-14	108369.00	K23			
VP3436D	108369.00	K19			
VP3439D	098017.00	K19			
VP3455-14	108370.00	K23			
VP3455D	108370.00	K19			
VP3458D	108372.00	K19			
VP3468D	108373.00	K20			
VP3575-14	118007.00	K24			
VP3575D	118007.00	K20			
VP3585-14	118008.00	K24			

Cross Reference

Baldor to Leeson and Lincoln

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
VP3585D	118008.00	K20			
VP3588D	118009.00	K20			
VP3603D	118014.00	K21			
VP3605D	118010.00	K21			
VP7424-14	M1130139.00	E02			
VP7424D	M1130149.00	E02			
VSSEWDM3537	117126.00				
VSSEWDM3538	117127.00				
VSSEWDM3541	117128.00				
VSSEWDM3542	117129.00				
VSSEWDM3545	117130.00				
VSSEWDM3546	117131.00				
VSSEWDM3550T	121750.00				
VSSEWDM3554	117297.00				
VSSEWDM3554T	121751.00				
VSSEWDM3555T	121742.00				
VSSEWDM3558	117298.00				
VSSEWDM3558T	121743.00				
VSSFWDM3542	103390.00				
VSSFWDM3546	117287.00	F29			
VSSSWDM3537	117126.00				
VSSSWDM3538	103413.00				
VSSSWDM3538	117127.00				
VSSSWDM3541	117128.00				
VSSSWDM3542	103414.00				
VSSSWDM3542	117129.00				
VSSSWDM3545	117130.00				
VSSSWDM3546	117131.00				
VSSSWDM3550T	121750.00				
VSSSWDM3554	117297.00				
VSSSWDM3554T	121751.00				
VSSSWDM3555T	121742.00				
VSSSWDM3558	117298.00				
VSSSWDM3558T	121743.00				
VSSWDM3537	117279.00				
VSSWDM3538	116166.00				
VSSWDM3538	117270.00				
VSSWDM3541	117280.00	F02			
VSSWDM3542	116168.00				
VSSWDM3542	117272.00				
VSSWDM3545	116318.00				
VSSWDM3545	117281.00				
VSSWDM3546	116170.00				
VSSWDM3548	117274.00				
VSSWDM3554T	G121525.00				
VSSWDM3558T	G121527.00				
VSSWDM3559T	121562.00				
VSSWDM3559T	G121562.00				
VSSWDM355T	G121561.00				
VSSWDM3611T	131923.00				
VSSWDM3611T	G131923.00				
VSSWDM3613T	131949.00				
VSSWDM3613T	G131949.00				
VSSWDM3615T	131924.00				
VSSWDM3615T	G131924.00				
VSWDM3536	114437.00				
VSWDM3538	114394.00				
VSWDM3538	191205.00				
VSWDM3542	114395.00				
VSWDM3542	191208.00				
VSWDM3546	191290.00				
VSWDM3546T	121109.00				
VSWDM3546T	191214.00				
VSWDM3554	114581.00				
VSWDM3554	191219.00				
VSWDM3554T	191220.00				
VSWDM3554T	G121350.00	E02			
VSWDM3558T	191226.00				
VSWDM3558T	G121351.00	E02			
VWDL3504	114313.00	C55			
VWDL3507	114315.00	C55			
VWDL3510	114317.00	C55			
VWDL3514	114319.00	C55			
VWDM2714T	G140465.00				
VWDM3538	113473.00				
VWDM3542	113019.00				
VWDM3546	113020.00				

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON			Lincoln Catalog #
VWDM3546T	120760.00				
VWDM3554	113021.00				
VWDM3554T	120761.00				
VWDM3558	114616.00				
VWDM3558T	120762.00				
VWDM3558T	G120762.00				
VWDM3559	115976.00				
VWDM3611T	131596.00				
VWDM3611T	G131596.00				
VWDM3615T	131597.00				
VWDM3615T	G131597.00				
VWDM3710T	140467.00				
VWDM3714T	140465.00				
WDM3538	112427.00	E02			
WDM3542	112428.00	E02			
WDM3546T	G120585.00	E02			
WDM3554T	G120858.00	E02			
WDM3558T	G120586.00				
WDM3558TP	G121191.00				
WDM3558TP9	121934.00				
WDM3561TP	115751.00				
WDM3561TP9	121944.00				
WDM3611T	G130662.00				
WDM3615T	G130663.00				
WDM3710T	G140280.00				
WDM3710T	G140467.00				
WDM3714T	G140281.00				
WWL3515T	120997.00	C25			
WWL3606	120728.00				
YPC144A	191872.00				
YPC164A	191891.00				
YPC244A	191871.00				
YPC245A	191910.00				
YPC264A	191892.00				
YPC265A	191911.00				
YPC344A	191873.00				
YPC345A	191875.00				
YPC364A	191893.00				
YPC365A	191912.00				

This information is furnished as a guide only. Always check specific motor to determine suitability for direct replacement

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON	Lincoln Catalog #
.00118ES3ED56CFL	110048.00		LM24080
.00136EP3ESS56C	191209.00		
.00136ES3EB65C	110181.00		LM24126
.00136OS1BJPR56C	100722.00		
.00136OS1BJPR56J	100723.00		
.00156OS1BJPR56C	110288.00		
.00156OS1BJPR56J	110292.00		
.00236OS1BJPR56C	110289.00		
.00236OS1BJPR56J	110293.00		
.00336OS1DJPR56C	110280.00		
.00336OS1DJPR56J	110286.00		
.05018OS3EA56C	100601.00		LM24880
.1812EP3EAL71	192012.00		
.1818EP3EAL63	192011.00		
.1836EP3EAL63	192010.00		
.2512EP3EAL71	192022.00		
.2518EP3EAL71	192021.00		
.2518ES1BB56C	102916.00		LM24723
.2518ES3EB56	101646.00		LM24929
.2518OS1BB48	101423.00		LM24458
.2536EP3EAL63	192020.00		
.2536OS3EA56	100027.00		LM24866
.3312OS3EA56	110425.00		LM24868
.33180S1BC48C	103023.00		
.33180S1BC56CFL	100024.00		LM24571
.33180S3EA56CFL	100048.00		LM24910
.3318E1BB56	102931.00		LM24597
.3318EP3ESS56C	191201.00		
.3318EP3ESS56CFL	191202.00		
.3318ES1BB56C	102930.00		LM24600
.3318ES1BPFC48	101253.00		
.3318ES1BPFC48	M090253.00		
.3318ES1BRBPFC4	100804.00		LM24448
.3318ES1RADB56N	101435.00		LM24462
.3318ES1RFDB56	113256.00		LM24789
.3318ES1RFDB56	M002256.00		
.3318ES3EB56	101079.00		LM24107
.3318ES3EB56	101647.00		LM24930
.3318ES3EB56C	102922.00		LM24114
.3318ES3EB56CFL	101769.00		LM24093
.3318OS1BC48	100116.00		
.3318OS1BC56	100006.00		LM24570
.3318OS3EA56	100028.00		LM24152
.3318OS3EA56	100446.00		
.33360S1BC48	100336.00		LM24467
.33360S1BC56CFL	100354.00		LM24688
.33360S3EA56CFL	100375.00		LM24909
.3336ES1BB56C	102929.00		LM24724
.3336ES1BB56CFL	102870.00		LM24736
.3336ES3EB56	102864.00		LM24736
.3336ES3EB56CFL	110446.00		
.3336OS3EA56	101447.00		LM24867
.3336OS3EA56C	100599.00		LM24277
.3336OS3EJPR56J	102197.00		
.3712EP3EAL80	192032.00		
.3718EP3EAL71	192031.00		
.3736EP3EAL71	192030.00		
.50120S3EB56CFL	110434.00		LM24913
.5012EP3ESS56CFL	191419.00		
.5012ES1BD56CFL	110411.00		LM24737
.5012ES3EB56	110353.00		LM24105
.5012ES3EB56C	110914.00		LM24104
.5012ES3EB56CFL	110163.00		LM24128
.5012OS3EB56	110027.00		LM24146
.50180S1BC56C	101651.00		LM24697
.50180S1BC56CFL	100025.00		LM24555
.50180S3EA56CFL	100049.00		LM24912
.5018EP3ESS56C	191204.00		
.5018EP3ESS56CFL	191205.00		
.5018ES1BB56	102906.00		LM24627
.5018ES1BB56C	102907.00		LM24628
.5018ES1BB56CFL	102862.00		LM24599

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON	Lincoln Catalog #
.5018ES1BPFC56	101176.00		
.5018ES1BRBPFC56	111323.00		
.5018ES1RADB56N	101436.00		LM24463
.5018ES1RFDB56	110086.00		LM24790
.5018ES1RFDB56	M009086.00		
.5018ES3EB56	100913.00		LM24073
.5018ES3EB56	100961.00		LM24932
.5018ES3EB56C	102917.00		LM24074
.5018ES3EB56CFL	102860.00		LM24083
.5018OS1BC48	100338.00		
.5018OS1BC56	100007.00		LM24551
.5018OS3EA56	100029.00		LM24098
.50360S1BC56C	103024.00		
.50360S1BC56CFL	100356.00		LM24689
.5036EP3ESS56C	191203.00		
.5036ES1BB56	102905.00		LM24706
.5036ES1BB56C	102903.00		LM24725
.5036ES1BJP56J	113637.00		
.5036ES1BJPR56J	113955.00		
.5036ES3EB56	100905.00		
.5036ES3EB56C	114142.00		LM24129
.5036ES3EB56CFL	114176.00		LM24138
.5036ES3EJPR56J	114931.00		
.5036OS1BC48	100184.00		LM24465
.5036OS1BC56	100337.00		
.5036OS1BJP56J	101527.00		
.5036OS1BJP56J	110281.00		
.5036OS1BJPR56C	100204.00		
.5036OS1BJPR56C	101524.00		
.5036OS1BJPR56J	100207.00		
.5036OS3EA56	101448.00		LM24869
.5036OS3EA56C	100600.00		LM24879
.5036OS3EA56CFL	100056.00		LM24911
.5036OS3EJPR56J	102198.00		
.5036OS3EJPR56J	102199.00		
.503ES1BB56CFL	102864.00		LM24736
.5512EP3EAL80	192042.00		
.5518EP3EAL80	192041.00		
.5536EP3EAL71	192040.00		
.7512EP3EAL90S	192200.00		
.7512EP3ESS56C	191415.00		
.7512EP3ESS56CFL	191420.00		
.7512ES1BF56	110400.00		LM24497
.7512ES1BF56CFL	110414.00		LM24739
.7512ES3ED56	121009.00		LM24103
.7512ES3ED56C	116340.00		LM24140
.7512ES3ED56CFL	112378.00		LM24153
.7512OS3EB56CFL	116728.00		
.7512OS3ED56	110028.00		LM24162
.75180S1BD56C	101650.00		LM24699
.75180S1BD56CFL	100026.00		
.7518EP3EAL80	192051.00		
.7518EP3ESS56C	191207.00		
.7518EP3ESS56CFL	191208.00		
.7518ES1BB56	110013.00		LM24607
.7518ES1BB56C	110905.00		LM24615
.7518ES1BB56CFL	110057.00		LM24613
.7518ES1BRBPFB56	111324.00		
.7518ES1RADB56N	101437.00		LM24812
.7518ES1RFDB56	110087.00		LM24791
.7518ES1RFDB56	M009087.00		
.7518ES3EB56	110034.00		LM24075
.7518ES3EB56C	110916.00		LM24076
.7518ES3EB56CFL	110047.00		LM24077
.7518OS1BD56	100008.00		LM24502
.7518OS3EB56	100030.00		LM24099
.7518OS3EB56C	100602.00		LM24267
.7518OS3EB56CFL	100050.00		LM24915
.75360S1BB56C	103025.00		
.75360S1BB56CFL	100357.00		LM24690
.7536EP3EAL80	192050.00		
.7536EP3ESS56C	191206.00		

This information is furnished as a guide only. Always check specific motor to determine suitability for direct replacement

Cross Reference

WEG to Leeson and Lincoln

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON	Lincoln Catalog #
.7536ES1BB56	110276.00		LM24707
.7536ES1BB56C	112135.00		LM24726
.7536ES1BB56CFL	110413.00		LM24738
.7536ES1BJP56J	113638.00		
.7536ES1BJPR56J	113956.00		
.7536ES3EB56	100960.00		
.7536ES3EB56	110313.00		LM24133
.7536ES3EB56C	110915.00		LM24134
.7536ES3EB56CFL	110448.00		LM24151
.7536ES3EJP56J	113028.00		
.7536ES3EJPR56J	114208.00		
.7536OS1BB56	100340.00		LM24674
.7536OS1BJP56J	101528.00		
.7536OS1BJPR56C	100205.00		
.7536OS1BJPR56C	101525.00		
.7536OS1BJPR56J	100208.00		
.7536OS1BJPR56J	110282.00		
.7536OS3EB56	101449.00		LM24870
.7536OS3EB56C	102971.00		LM24882
.7536OS3EB56CFL	100378.00		LM24914
.7536OS3EJPR56J	101637.00		
.7536OS3EJPR56J	101776.00		
000336ES3EF56	114614.00		
000412EP3EAL132M	193308.60		
000418EP3EAL112M	193307.60		
000436EP3EAL112M	193306.60		
000509EP3E254T	G151355.22		LM32803
000736ET3H213T	170196.60		LM16389
00109EP3E182T	G131478.00		LM32662
00112EP3ERSR145TC	G120098.00		LM32846
00112ES3EF56CFL	112379.00		LM24130
00112ET3E145T	171643.60		LM15856
00112ET3E145T	LM32587		
00112ET3H145T	121938.00		
00112OT3E145T	121517.00		LM24872
001180S1BD56C	113930.00		LM24700
001180S1BD56CFL	110220.00		LM24586
00118EP3E143JM	G121855.00		
00118EP3E143TC	121936.00		
00118EP3EAL90S	192202.00		
00118EP3ERSR143TC	G120024.00		LM24080
00118EP3ESS143TC	191487.00		
00118EP3ESS56CFL	191213.00		
00118ES1BD56C	110908.00		LM24616
00118ES1BD56CFL	110058.00		LM24614
00118ES1RADD56N	113301.00		LM24814
00118ES1RADD56N	113302.00		LM24813
00118ES1RFD143T	121569.00		LM24793
00118ES1RFDDB56	110088.00		LM24792
00118ES3ED56	110035.00		LM24078
00118ES3ED56	115830.00		
00118ET3E143T	171640.60		LM24102
00118ET3E143T	LM32856		
00118ET3ER143T	120921.00		LM32796
00118ET3ERS143TC	116745.00		
00118ET3ERS143TC	121179.00		LM32822
00118ET3H143T	121937.00		LM24109
00118NP3ESS56CFL	191290.00		
00118OP3E143JM	G121850.00		
00118OS1BD56	110004.00		LM24580
00118OS3EB56	110029.00		LM24111
00118OS3EB56	115827.00		
00118OS3EB56C	110901.00		LM24346
00118OT3E143T	121003.00		LM24871
00118ST3QIE143T	811541.00		
0012ES3EBM145T	G121050.00		
0012ES3EF56	113933.00		LM24159
0013601BD56C	116769.00		
001360S1BD56CFL	110384.00		LM24526
00136EP3EAL80	192060.00		
00136ES1BD56	110059.00		LM24708
00136ES1BD56C	110180.00		LM24727

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON	Lincoln Catalog #
00136ES1BD56CFL	110416.00		LM24740
00136ES1BJP56J	113957.00		
00136ES1BJPR56J	113639.00		
00136ES3EB56CFL	116748.00		
00136ES3EJP56J	113029.00		
00136ES3EJPR56J	114207.00		
00136ES3ES3EB56	110145.00		LM24094
00136OS1BCDB56	110160.00		
00136OS1BD56	110360.00		LM24525
00136OS1BJP56J	101529.00		
00136OS1BJPR56C	101526.00		
00136OS1BJPR56J	110283.00		
00136OS3EB56	110426.00		LM24155
00136OS3EB56C	116784.00		LM24884
00136OS3EJPR56J	101638.00		
00136OS3EJPR56J	101775.00		
00136OS3EJPR56J	114203.00		
0013OS3EB56CFL	110111.00		LM24916
00152EP3ERS182T	G131479.00		LM32798
00152EP3ERSR182TC	G132249.00		
00152ES1E182T	131526.00		
00152ET3E182T	131980.00		LM15648
00152ET3H183T	132251.00		LM17059
00152OT3E182T	131971.00		
001560S1BD56C	116770.00		
001560S1BD56CFL	110387.00		LM24523
00156EP3E143JM	G121858.00		
00156EP3ERS143TC	121672.00		LM32824
00156EP3ERSR143TC	G120105.00		LM32810
00156EP3ESS143TC	191488.00		
00156EP3ESS56C	191215.00		
00156ES1BD56	110094.00		LM24531
00156ES1BD56C	110909.00		LM24539
00156ES1BD56CFL	110419.00		LM24535
00156ES1BJPR56J	113640.00		
00156ES1E143T	120130.00		LM24710
00156ES3EB56	110745.00		LM24144
00156ES3EB56C	110917.00		LM24135
00156ES3EB56CFL	110192.00		LM24096
00156ES3EJP56J	113030.00		
00156ES3EJPR56J	114206.00		
00156ET3E143T	171642.60		LM15854
00156ET3H143T	121939.00		LM25102
00156OS1BCDD56	110161.00		
00156OS1BD56	110361.00		LM24524
00156OS1BJP56J	113687.00		
00156OS1BJPR56C	113686.00		
00156OS3ED56	110429.00		LM24874
00156OS3ED56C	116785.00		
00156OS3ED56CFL	110437.00		LM24919
00156OS3EJPR56J	113891.00		
00156OT3E143T	121514.00		LM32727
00156ST3QIE143T	811542.00		
00156XP3E143T	121914.00		
001580S1BF56C	113932.00		LM24701
001580S1BF56CFL	110388.00		LM24587
00158EP3E145JM	G121856.00		
00158EP3E145JP	G151736.60		
00158EP3ERS145TC	121180.00		LM32825
00158EP3ERSR145TC	G120037.00		LM24149
00158EP3ESS145CFL	G191220.00		
00158EP3ESS56C	191217.00		
00158EP3ESS56CFL	191219.00		
00158ES1BF56	110253.00		LM24513
00158ES1BF56C	110910.00		LM24728
00158ES1BF56CFL	110420.00		LM24622
00158ES1E145T	120026.00		LM24711
00158ES1RFD145T	113938.00		LM24795
00158ES1RFD56H	M009089.00		
00158ES1RFDF56H	110089.00		LM24794
00158ES3EBM145T	G120329.00		
00158ES3ED56	110444.00		LM24118

This information is furnished as a guide only.
Always check specific motor to determine
suitability for direct replacement

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON	Lincoln Catalog #
00158ES3ED56	115829.00		
00158ES3ED56C	110918.00		LM24095
00158ES3ED56CFL	110125.00		LM24112
00158ET3E145T	171646.60		LM25267
00158ET3ERS145TC	116746.00		
00158ET3H145T	121940.00		LM24142
00158OP3E145JP	G121846.00		
00158OS1BF56	110005.00		LM24583
00158OS3ED56	110430.00		LM24117
00158OS3ED56	111309.00		
00158OS3ED56	115825.00		
00158OS3ED56C	110902.00		LM24889
00158OS3ED56CFL	110044.00		LM24160
00158OT3E145T	121004.00		LM24875
00158P3E145JM	G121851.00		
00158ST3QIE145T	811543.00		
00158XP3E145T	121915.00		
0015ES1BJP56J	113958.00		
0015OS1BJPR56J	110284.00		
0018EP3ESS143TCFL	G191214.00		
0018ES1BD56	110209.00		LM24610
0018ES1E143T	120025.00		LM24709
0018ES3EBM143T	G121679.00		
0018ES3ED56C	110912.00		LM24079
0018ESEBM143T	G121679.00		
0018OS3EB56CFL	110043.00		LM24917
001O8NP3ESS56C	191291.00		
00209EP3E213T	G140516.00		LM32799
002118EP3EAL100L	193301.60		
00212EP3E112M	193302.60		
00212EP3ERSR184TC	G131525.00		
00212ES1E213T	140747.00		
00212ES3EBM184T	G131620.00		
00212ET3E184T	131981.00		LM15651
00212ET3ERS184TC	132243.00		LM32830
00212ET3H184T	132252.00		LM17062
00212OT3E184T	131972.00		
00218EP3E145JM	G121857.00		
00218EP3E145JP	G151737.60		
00218EP3ER145TC	G121178.00		
00218EP3ERS145TC	G120038.00		LM24125
00218EP3ESS145TC	191491.00		
00218EP3ESS56C	191223.00		
00218EP3ESS56CFL	191225.00		
00218EP3ESS56CFL	G191226.00		
00218ES1E145T	121507.00		
00218ES1RFDF145T	110090.00		
00218ES1RFDF182T	131541.00		LM24796
00218ES1RFDG56H	M009090.00		
00218ES3EBM145T	G120330.00		
00218ES3EF56	113026.00		LM24097
00218ES3EF56	115828.00		
00218ES3EF56C	116106.00		LM24081
00218ES3EF56CFL	110451.00		LM24084
00218ET3E145T	171647.60		LM24127
00218ET3ERS145TC	116747.00		
00218ET3ERS145TC	121181.00		LM32829
00218ET3H145T	121942.00		LM24108
00218OP3E145JM	G121852.00		
00218OP3E145JP	G121847.00		
00218OS1BG56	120067.00		LM24677
00218OS3EF56	111310.00		
00218OS3EF56	113025.00		LM24106
00218OS3EF56	115826.00		
00218OS3EF56C	116630.00		LM24345
00218OT3EN145T	121005.00		LM24169
00218ST3QIE145T	811545.00		
00218XP3E145T	121917.00		
0023600S1BF56C	116771.00		
002360S1BF56	110363.00		LM24624
002360S1BF56CFL	110390.00		LM24527
00236EP3AL90L	192209.00		

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON	Lincoln Catalog #
00236EP3E145JM	G121859.00		
00236EP3ERSR145TC	G120061.00		LM32678
00236EP3ESS145TC	191490.00		
00236EP3ESS56C	191221.00		
00236ES1BF56	110352.00		LM24534
00236ES1BF56C	113931.00		LM24729
00236ES1BF56CFL	110422.00		LM24530
00236ES1BJP56J	113959.00		
00236ES1BJPR56J	113641.00		
00236ES1E145T	120036.00		LM24712
00236ES3ED56	111916.00		LM24347
00236ES3ED56C	113927.00		LM24121
00236ES3ED56CFL	111273.00		LM24132
00236ES3EJP56J	113031.00		
00236ES3EJPR56J	114205.00		
00236ET3E145T	171648.60		LM15857
00236ET3ERS145TC	121673.00		LM32828
00236ET3H145T	121941.00		LM25103
00236OP3E145JM	G121853.00		
00236OS1BCDD56	110232.00		
00236OS1BJPR56J	110285.00		
00236OS3ED56	113292.00		LM24877
00236OS3ED56C	114218.00		
00236OS3ED56CFL	113894.00		LM24921
00236OS3EJPR56J	113892.00		
00236OS3EJPR56J	114202.00		
00236OT3E145T	121515.00		LM33137
00236ST3QIE145T	811544.00		
00236XP3E145T	121916.00		
00312EP3AL132S	193305.60		
00312EP3ERSR213TC	G131642.00		LM32850
00312ES3EBM213T	G140601.00		
00312ET3E213T	171378.60		LM60027
00312ET3ERS213TC	140834.00		LM32833
00312OT3E213T	171574.60		LM32733
00318EP3E182JM	G131579.00		
00318EP3E182JP	G151739.60		
00318EP3EAL100L	193304.60		
00318EP3ERSR182TC	G131491.00		LM16298
00318ES1DFD184T	131542.00		LM24801
00318ES1E184T	131533.00		LM24716
00318ES3EBM182T	G131613.00		
00318ET3E182T	171320.60		LM60026
00318ET3E182T	LM16644		
00318ET3E182TC	171565.60		LM62017
00318ET3ERS182T	131463.00		LM32741
00318ET3ERS182TC	131504.00		LM16742
00318ET3H182T	132253.00		LM16384
00318OP3E182JM	G131562.00		
00318OP3E182JP	G131882.00		
00318OS1D184T	131534.00		LM24680
00318OT3E182T	131519.00		LM24222
00318ST3QIE182T	811547.00		
00318XP3ER182TC	G825116.00		
00318XT3E182T	825085.00		
00318XT3E182TC	825126.00		
00336EP3E145JM	G121860.00		
00336EP3E182JP	G151738.60		
00336EP3EAL100L	193303.60		
00336EP3ESS182TC	191492.00		
00336ES1E145T	120341.00		LM24714
00336ES1E182T	131637.00		LM24715
00336ES3EF56CFL	111630.00		LM24975
00336ES3EJP56J	113032.00		
00336ES3EJPR56J	114204.00		
00336ET3E182T	131985.00		LM15646
00336ET3ERS182TC	132079.00		LM16741
00336ET3H182T	171624.60	F07	
00336OP3E145JM	G121854.00		
00336OP3E145JP	G121849.00	C56	
00336OS1D182T	131636.00		LM24679
00336OS3EF56	113293.00		LM24878

Cross Reference

WEG to Leeson and Lincoln

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON	Lincoln Catalog #
00336OS3EF56C	121928.00		LM32770
00336OS3EF56CFL	114420.00		LM24923
00336OS3EJPR56J	113893.00		
00336OS3EJPR56J	114201.00		
00336OT3E145T	121516.00		LM32731
00336ST3QIE182T	811546.00		
00336XT3E182TC	825125.00		
0033OS1BCDF56	110222.00		
0036EP3ER182TC	G131513.00		
0036EP3ERS182TC	114615.00		LM24953
0036ET3E182TC	171564.60		LM62016
00512EP3EAL132M	193311.60		
00512EP3EAL132M	193312.60		
00512EP3ERSR215TC	G140535.00		LM32852
00512ET3E215T	171379.60		LM15883
00512ET3E215T	LM32867		
00512ET3E215TC	171116.60		LM32835
00512OT3E215T	171575.60		LM32735
00518EP3E184JM	G131581.00		
00518EP3E184JP	G151741.60		
00518EP3EAL132S	193310.60		
00518EP3ERSR184TC	G131492.00		LM16299
00518ES1DFD184T	131543.00		LM24798
00518ES1E184T	131538.00		LM24718
00518ES3EBM184T	G131614.00		
00518ET3E184T	171322.60		LM24195
00518ET3E184T	LM16650		
00518ET3E184TC	171566.60		LM62020
00518ET3ERS184T	131464.00		LM15650
00518ET3ES184TC	131502.00		LM16747
00518ET3H184T	132255.00		LM17067
00518OP3E184JM	G131563.00		
00518OP3E184JP	G131883.00	C56	
00518OS1C184T	131537.00		LM24682
00518OT3E184T	131520.00		LM24202
00518ST3QIE184T	811549.00		
00518XP3ER184TC	G825128.00		
00518XT3E184T	825087.00		
00518XT3E184TC	825071.00		
00536EP3E184JM	G131580.00		
00536EP3E184JP	G151740.60		
00536EP3EAL132S	193309.60		
00536EP3ERSR184TC	G131514.00		
00536ES1E184T	131549.00		LM24717
00536ET3E184T	131987.00		LM15649
00536ET3E184T	LM32864		
00536ET3E184TC	171446.60		LM62019
00536ET3ERS184TC	132080.00		LM16745
00536ET3H184T	132254.00		LM16386
00536OP3E182JM	G131574.00		
00536OP3E182JP	G131884.00		
00536OS1CCDG56	111275.00		
00536OS1D184T	131616.00		LM24681
00536OT3E182T	131986.00		LM32734
00536ST3QIE184T	811548.00		
00536XT3E184T	825086.00		
00709EP3E256T	G151356.22		LM32807
00712EP3E160M	193314.60		
00712ET3E254T	170122.60		LM15892
00712ET3ERS254T	LM16656		
00712ETRS3E254TC	170138.60		LM16753
00712OT3E254T	170145.60		LM32738
00718EP3E213JM	G140622.00		
00718EP3E213JP	G151743.60		
00718EP3EAL132M	193313.60		
00718EP3ER213TC	G151346.60		
00718EP3ERSR213TC	G141113.00		LM16300
00718ES1DFD215T	140707.00		LM24799
00718ES1E215T	140120.00		LM24720
00718ES3EBM213T	G140603.00		
00718ET3E213	LM32869		
00718ET3E213T	170157.60		LM24209

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON	Lincoln Catalog #
00718ET3E213TC	170165.60		LM16752
00718ET3ERS213T	140450.00		LM16029
00718ET3ERS213TC	140521.00		LM32838
00718ET3H213T	141116.00		LM16391
00718OP3E213JM	G140618.00		
00718OP3E213JP	G140667.00		
00718OS1CCD215T	140155.00		LM24683
00718OT3E213T	140470.00		LM24194
00718OT3E213T	170142.60		
00718ST3QIE213T	811551.00		
00718XT3E213T	825089.00		
00718XT3E213TC	825073.00		
00736EP3E184JM	G131582.00		
00736EP3E213JM	G132027.00		
00736EP3E213JP	G151742.60		
00736EP3ER213TC	G151345.60		LM32852
00736EP3ERSR213TC	G131510.00		
00736ES1E213T	140684.00		LM24719
00736ET3E213T	170158.60		LM15878
00736ET3E313TC	170166.60		LM62085
00736ET3ERS213TC	140770.00		LM16750
00736OP3E184JM	G131576.00		
00736OP3E184JP	G131885.00		
00736OS1C184T	140680.00		
00736OT3E184T	131988.00		LM32737
00736ST3QIE213T	811550.00		
00736XT3E213T	825088.00		
01009EP3E284T	G150282.22		
01012ET3E256T	170123.60		LM15675
01012ET3E356TC	170139.60		LM16759
01012OT3E256T	170146.60		LM32742
01018EP3E215JM	G140623.00		
01018EP3E215JP	G151745.60		
01018EP3ERSR215TC	G140109.00		LM32855
01018ES1DFD215T	140706.00		
01018ES1E215T	140581.00		LM24722
01018ES3EBM215T	G140636.00		
01018ET3E215T	170140.60		LM60036
01018ET3E215T	LM16919		
01018ET3E215TC	170167.60		LM62026
01018ET3ERS215T	140451.00		LM32809
01018ET3ERS215TC	140522.00		LM32841
01018OP3E215JM	G140619.00		
01018OP3E215JP	G140668.00		
01018OT3E215T	140472.00		LM24193
01018OT3E215T	170144.60		
01018ST3QIE215T	811553.00		
01018XT3E215T	825091.00		
01018XT3E215TC	825075.00		
01036EP3E215JM	G141122.00		
01036EP3E215JP	G151744.60		
01036EP3ER215TC	G151347.60		LM32854
01036EP3ERSR215TC	G140690.00		
01036ES1E215T	140685.00		LM24721
01036ET3E215T	170159.60		LM15861
01036ET3E215TC	170168.60		LM62025
01036ET3ERS215TC	140769.00		LM32840
01036ET3H215T	170197.60		LM16394
01036OP3E213JM	G141121.00		
01036OP3E213JP	G140655.00		
01036OT3E213T	140753.00		LM32740
01036ST3QIE215T	811552.00		
01036XT3E215T	825090.00		
0108EP3ER215TC	G151348.60		LM16301
0108ET3H215T	170212.60	C02	LM17073
01112EP3E160L	193317.60		
01118EP3E160M	193316.60		
01136EP3E160M	193315.60		
0118ES1BRBPFD56	111267.00		
0118ES1RFDD56	M009089.00		
01509EP3E286T	G150261.22		
01512EP3E180L	193320.60		

This information is furnished as a guide only.
Always check specific motor to determine
suitability for direct replacement

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON	Lincoln Catalog #
01512ET3E284T	170068.60		LM15793
01512ET3E284T	LM32874		
01512ET3E284TC	170104.60		
01512OT3E284T	170067.60		LM31244
01518EP3E160L	193319.60		
01518EP3E254JM	G151568.60		
01518EP3E254JP	G151747.60		
01518ET3E254T	170066.60		LM24208
01518ET3E254T	LM32873		
01518ET3E254TC	171587.60		LM16762
01518ET3H354T	170116.60		LM16400
01518OP3E254JM	G151361.60	C56	
01518OP3E254JP	G801051.00		
01518OT3E254T	170065.60		LM24190
01518ST3QIE254T	811555.00		
01518XT3E254T	825093.00		
01518XT3E254TC	825077.00		
01536EP3E160M	193318.60		
01536EP3E215JM	G140764.00		
01536EP3E215JP	G151746.60		
01536EP3E254JM	G151567.60		
01536ET3E254C	171586.60		LM16761
01536ET3E254T	170062.60		LM15890
01536ET3H354T	170198.60	C02	LM17075
01536OP3E215JM	G151380.60		
01536OP3E215JP	G140656.00		
01536OT3E215T	170064.60		
01536ST3QIE254T	811554.00		
01536XT3254T	825092.00		
0158EP3ER254TC	G151350.60		LM16828
01812EP3E200L	193323.60		
01818EP3E180M	193322.60		
01836EP3E160L	193321.60		
02009EP3E324T	G150263.22		
02012ET3E286T	170001.60		LM15796
02012ET3E286T	LM32877		
02012OT3E286T	170000.60		LM30273
02018EP3E256JM	G151570.60		
02018EP3E256JP	G151749.60		
02018EP3ER256TC	G151352.60		LM16829
02018ET3E256T	170007.60		LM24207
02018ET3E256T	LM32876		
02018ET3E256TC	171589.60		LM62032
02018OP3E256JM	G151362.60		
02018OP3E256JP	G801052.00		
02018OT3E256T	170006.60		LM24199
02018ST2QIE256T	811557.00		
02018XT3E256T	825095.00		
02018XT3E256TC	825079.00		
02036EP3E254JM	G151569.60		
02036EP3E254JP	G151748.60		
02036EP3ER256TC	G151351.60		
02036ET3E256T	170033.60		LM15673
02036ET3E256TC	171588.60		LM62031
02036OP3E254JM	G151381.60		
02036OP3E254JP	G801056.00		
02036OT3E254T	170032.60		LM32745
02036ST3QIE256T	811556.00		
02036XT3E256T	825094.00		
0208ET3H256T	170117.60		LM15919
02180S1BG56C(W/O MROL)	113281.00		
02212EP3E200L	193326.60		
02218EP3E180L	193325.60		
02236EP3E180M	193324.60		
0236ET2H256T	170199.60		LM16403
02509EP3E326T	150265.22		
02512ET3E324T	170003.60		LM13696
02512OT3E324T	170002.60		LM13809
02518EP3E284JM	G151418.60		
02518EP3E284JP	G151751.60		
02518EP3ER284TC	G151507.60		

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON	Lincoln Catalog #
02518ET3E284T	170011.60		LM15792
02518ET3E284T	LM32879		
02518ET3E284TC	171591.60		LM62035
02518ET3H384T	170118.60		LM16407
02518OP3E284JM	G801028.00		
02518OP3E384JP	G801053.00		
02518OT3E284T	170009.60		LM29576
02518ST3QIE284T	811559.00		
02518XT3E284TC	825081.00		
02518XT3H284T	825097.00		
02536EP3E256JM	G151417.60		
02536EP3E256JP	G151750.60		
02536ET3E284TS	170035.60		LM13960
02536ET3E284TSC	171590.60		LM32659
02536ET3H284TS	170224.60		LM16406
02536OP3E256JM	G151382.60		
02536OP3E256JP	G801057.00		
02536OT3E256T	170034.60		LM32747
02536ST3QIE284TS	811558.00		
02536XT3E284TS	825096.00		
03012EP3E225S/M	193329.60		
03012ET3E326T	170005.60		LM60048
03012OT3E326T	170004.60		LM13810
03018EP3E286JM	G151422.60		
03018EP3E286JP	G151753.60		
03018EP3ER286TC	G151508.60		
03018ET3E286T	170015.60		LM13964
03018ET3E286T	LM32882		
03018ET3E286TC	171592.60		LM16744
03018ET3H286T	170119.60		LM19595
03018OP3E286JM	G801029.00		
03018OP3E286JP	G801054.00		
03018OT3E286T	170013.60		LM29577
03018P3E200L	193328.60		
03018ST3QIE286T	811561.00		
03018XT3E286T	825099.00		
03018XT3E286TC	825082.00		
03036EP3E200L	193327.60		
03036EP3E284JM	G151420.60		
03036EP3E286JP	G151752.60		
03036ET3E286TC	170108.60		LM16773
03036ET3E286TS	170037.60		LM60046
03036ET3H286TS	170228.60		LM20085
03036OP3E284JM	G801040.00		
03036OP3E284JP	G801058.00		
03036OT3E284TS	170036.60		LM32687
03036ST2QIE286TS	811560.00		
03036XT3E286TS	825098.00		
03712EP3E205S/M	193332.60		
03718EP3E225S/M	193331.60		
03736EPE200L	193330.60		
04012ET3E364T	170096.60		LM13918
04012OT3E364T	170147.60		LM13924
04018EP3E324JM	G151426.60		
04018EP3E324JP	G151755.60		
04018ET3E324T	170019.60		LM13699
04018ET3E324TC	171593.60		LM62041
04018ET3H324T	170120.60	F33	LM14396
04018OP3E324JM	G801030.00		
04018OP3E324JP	G801055.00		
04018OT3E324T	170017.60		LM13811
04018ST3QIE324T	811563.00		
04018XT3E324T	825101.00		
04018XT3E324TC	825083.00		
04036EP3E286JM	G151424.60		
04036EP3E324JP	G151754.60		
04036ET3E324TS	170039.60		LM19749
04036ET3E324TSC	170110.60		LM13725
04036ET3H324TS	170232.60		LM14407
04036OP3E286JM	G801041.00		
04036OP3E286JP	G801059.00		
04036OT3E286TS	170038.60		LM13969

Cross Reference

WEG to Leeson and Lincoln

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON	Lincoln Catalog #
04036ST3QIE324TS	811562.00		
04036XT3E324TS	825100.00		
047018EP3ER324TC	G151509.60		
05012ET3E365T	170097.60		LM19754
05012ET3E365T	LM32888		
05012OT3E365T	170148.60		LM13927
05018EP3ER326TC	G151510.60		
05018ET3E326T	170023.60		LM19753
05018ET3E326T	LM32887		
05018ET3E326TC	171594.60		LM62044
05018ET3H326T	170121.60		LM14411
05018OT3E326T	170021.60		LM13813
05018ST3QIE326T	811564.00		
05018XT3E326T	825103.00		
05018XT3E326TC	825084.00		
05036EP3E324JP	G151756.60		
05036ET3326TS	LM32685		
05036ET3E326TS	170041.60		LM60052
05036ET3E326TSC	170112.60		LM13727
05036OP3E324JM	G801042.00		
05036OP3E324JP	G801060.00		
05036OT3E324TS	170040.60		LM13812
05036ST3QIE326TS	811564.00		
05036XT3E326TS	825102.00		
06012ET3E404T	170098.60		LM13938
06012OT3E404T	170149.60		LM13944
06016ST3QIE364T	811567.00		
06018ET3E364T	170027.60		LM14809
06018ET3E364TC	171595.60		LM62047
06018ET3H364T	170239.60		LM18369
06018OT3E364T	170025.60		LM14813
06018XT3E364T	825105.00		
06036ET3E364TS	170043.60		LM14808
06036ET3E364TSC	170114.60		LM15562
06036OT3E326TS	170042.60		LM13814
06036ST3QIE364TS	811566.00		
06036XT3E364TS	825104.00		
07512ET3E405T	170099.60		LM60060
07512OT3E405T	170150.60		LM13947
07518ET3E365T	170031.60		LM14811
07518ET3E365T	LM32893		
07518ET3EE365TC	171596.60		LM15567
07518ET3H365T	170244.60		LM18372
07518OT3E365T	170029.60		LM14815
07518ST3QIE365T	811569.00		
07518XT3E365T	825107.00		
07536ET3E365TS	170045.60		LM14810
07536ET3E365TSC	171115.60		LM15566
07536OT3E364TS	170044.60		LM13945
07536ST3QIE365TS	811568.00		
07536XT3E365TS	825106.00		
10012ET3E444T	170256.60		LM13702
10012OT3E444T	170255.60		LM13815
10018ET3E405T	170087.60		LM19762
10018ET3E405T	LM32896		
10018ET3E405TC	171597.60		LM15263
10018ET3H405T	170253.60		LM18292
10018OT3E404T	170152.60		LM13943
10018ST3QIE405T	811571.00		
10018XT3E405T	825109.00		
10036ET3E405T	LM32895		
10036ET3E405TS	170160.60		LM13939
10036OT3E365TS	170151.60		LM14814
10036ST3QIE405TS	811570.00		
10036XT3E495TS	825108.00		
12512ET3E445T	170260.60		LM13705
12512OT3G445T	170259.60		LM13816
12518ET3E444T	170369.60		LM60065
12518ET3G444T	LM32899		
12518OT3E405T	170155.60		LM13946
12518XT3E444T	825111.00		
12536ET3G444TS	171580.60		LM60064

Competitor Catalog #	LEESON Catalog #	Exception Code(s) To LEESON	Lincoln Catalog #
12536OT3E404TS	170154.60		LM13942
12536XT3G444TS	825110.00		
15012ET3G447T	171315.60		LM16231
15012OT3G445T	171576.60		LM13818
15018ET3G445T	170371.60		LM13707
15018ET3G445T	LM32902		
15018OT3G444T	171522.60		LM13817
15018XT3E445T	825113.00		
15036ET3G445TS	171578.60		LM13706
15036OT3G405TS	171449.60		LM13945
15036XT3G4445TS	825112.00		
20012ET3G447T	171316.60		LM60072
20012OT3G447/9T	171577.60		LM16239
20018ET3G447T	170352.60		LM16230
20018ET3G447T	LM32905		
20018OT3G445T	171523.60		LM13820
20036ET3G447TS	171579.60		LM16229
20036OT3G444TS	171573.60		LM13819
250180P3G445T	G151524.60		LM13823
25018ET3G447T	LM14643		
30018OP3G447/9T	G151525.60		
35018OP3G447/9T	G151518.60		LM13829
518OS1CCDOL184T	131622.00		
EP3ESS56C	191414.00		
PCJ105H	MT1052.00		
PCJ107H	MT1072.00		
PCJ110H	MT1102.00		
PCJ115H	MT1152.00		
PCJ120H	MT1202.00		
PCQ105H	MST1052.00		
PCQ107H	MST1072.00		
PCQ110H	MST1102.00		
PCQ120H	MST1202.00		
PCQ150H	MST1152.00		
PCQ120H	MST1202.00		
PCQ150H	MST1152.00		

This information is furnished as a guide only.
Always check specific motor to determine
suitability for direct replacement

PZ SERIES DC GEARMOTORS: Parallel Shaft

Output RPM	F.L. Torque (lb.in.)	Input HP	LEESON Catalog No.	Cross Reference			
				Dayton	Bodine	Baldor	Bison
4	100	1/40	M1115002	6Z911	199	—	011-190-0362
			M1125046	—	—	—	—
10	100	1/20	M1115001	6Z912	198	GPP231108	011-190-0186
			M1125047	—	—	—	—
20	100	1/20	M1115000	6Z913	196	GPP232110	011-190-0096
			M1125048	—	—	GPP233120	—
30	100	1/17	M1125002	6Z914	190	GPP233112	011-190-0072
			M1125037	—	—	—	—
60	56	1/17	M1125003	6Z914	—	GPP233111	011-190-0025
			M1125036	—	—	GPP233121	—
100	36	1/17	M1125004	—	189	GPP12503	011-190-0019
			M1125035	—	—	—	—
150	24	1/17	M1125005	6Z916	188	—	011-190-0013
			M1125034	—	—	—	—
300	10	1/17	M1125006	—	157	—	011-190-0007
			M1125033	—	—	—	—

P300 SERIES DC GEARMOTORS: Parallel Shaft

Output RPM	F.L. Torque (lb.in.)	Input HP	LEESON Catalog No.	Cross Reference			
				Dayton	Bodine	Baldor	Bison
5	353	1/20	M1115024	6A193	—	—	011-336-1369
9	268	1/20	M1115025	6A194	4147	GPP233141	011-336-1208
18	150	1/20	M1115026	4Z134	4146	GPP233140	011-336-1091
24	280	1/8	M1125069	4Z130	4156	—	011-336-2082
31	220	1/8	M1125070	4Z383	4155	GPP12547	011-336-2060
34	82	1/20	M1115027	4Z133	—	GPP233112	011-336-1053
51	130	1/8	M1125071	4Z129	4154	—	011-336-2036
51	55	1/20	M1115028	4Z132	—	GPP233111	011-336-1030
61	113	1/8	M1125072	4Z382	4154	GPP12545	011-336-2028
94	77	1/8	M1125073	4Z381	4153	GPP12544	011-336-2019
109	27	1/20	M1115029	4Z131	—	—	011-336-1017
170	43	1/8	M1125074	4Z128	4151	GPP12542	011-336-2011

P1100 SERIES DC GEARMOTORS: Parallel Shaft

Output RPM	F.L. Torque (lb.in.)	Ratio to 1	Input HP	LEESON Catalog No.	Cross Reference	
					Dayton	Bison
8	1087	212	1/4	108700	6Z406	011-483-4197
12	1030	143	1/4	108701	6Z407	011-483-4131
18	750	95	1/4	108702	6Z408	011-483-4087
42	353	42	1/4	108703	6Z409	011-483-4041
60	238	29	1/4	108704	6Z410	011-483-4028
92	160	19	1/4	108705	6Z411	011-483-4018
135	105	13	1/4	108706	6Z412	011-483-4012
18	1112	95	1/2	108707*	6Z413	011-483-2087
33	882	53	1/2	108708*	6Z414	011-483-2058
42	705	42	1/2	108709*	6Z415	011-483-2041
60	476	29	1/2	108710*	6Z416	011-483-2028
92	320	19	1/2	108711*	6Z417	011-483-2018
135	210	13	1/2	108712*	6Z418	011-483-2012

* Indicates TEFC design, others are TENV

Application Notes:

P1100 DC gearmotors have the same mounting dimensions as Bison 483 gearmotors and Dayton gearmotors. For additional information, see Bulletin 1830.

This information is furnished as a guide only. Always check specific motor to determine suitability for direct replacement.

RIGHT-ANGLE DC GEARMOTORS

Output RPM	F.L. Torque (lb.in.)	Input HP	LEESON Catalog No.	Cross Reference		
				Dayton	Bodine	Baldor
42	30	1/17	M1115018	—	99	—
62	35	1/17	M1115019	—	98	GP233003~
125	20	1/17	M1115020	—	96	GP233007~
250	11	1/17	M1115021	—	94	—
500	6	1/17	M1115022	—	93	—
42	80	1/8	M1135069	6A192	—	GP7403~
62	70	1/8	M1135038	4Z137	4144	GP7402~
			M1135058	—	6144	—
125	45	1/8	M1135039	—	4142 6142	—
250	25	1/8	M1135040	—	4141	—
500	13	1/8	M1135041	—	4140	—
62	135	1/4	M1135042	1L498	4138	GP7405~
			M1135062	—	—	GP7425~
83	125	1/4	M1135043	1L499	4137	GP7407~
			M1135063	—	—	GP7427~
125	90	1/4	M1135044	—	4136	—
250	50	1/4	M1135045	—	4135	—
500	30	1/4	M1135046	—	4134	—

~Mounting base and output shaft height are not 'drop-in' replacement.
Some Dayton and all Baldor right-angle gearmotors have double output shafts.

PE350 SERIES DC GEARMOTORS: Parallel Shaft

Output RPM	F.L. Torque (lb.in.)	Input HP	LEESON Catalog No.	Baldor	Cross Reference		
					Bodine	Bison	Dayton
7	330	1/8	M1135106	GPP7459	4175	011-348-7215	6ML63
			M1135139	GPP7479	—	—	6ML64
14	341	1/8	M1135107	GPP7462	4174	011-348-7102	6ML65
			M1135140	GPP7478	—	—	6ML66
21	371	1/4	M1135117	GPP7457	4173	—	6ML67
			M1135141	GPP7477	—	—	6ML68
27	305	1/4	M1135115	GPP7461	—	—	6ML69
			M1135142	—	—	—	6ML70
42	280	1/4	M1135108	GPP7456	4185	011-348-7041	6ML71
			M1135143	GPP7476	—	—	6ML72
50	250	1/4	M1135109	GPP7460	—	011-348-7034	6ML73
			M1135144	—	—	—	6ML74
62	220	1/4	M1135110	GPP7455	4184	011-348-7029	6ML75
			M1135145	GPP7475	—	—	6ML51
83	155	1/4	M1135114	GPP7454	4183	—	6ML52
			M1135146	GPP7474	—	—	6ML53
125	100	1/4	M1135111	GPP7453	4182	—	6ML54
			M1135147	GPP7473	—	—	6ML55
165	70	1/4	M1135112	GPP7452	4181	—	6ML56
			M1135148	GPP7472	—	—	6ML57
250	45	1/4	M1135116	GPP7451	4180	—	6ML58
			M1135149	GPP7471	—	—	6ML59
500	25	1/4	M1135113	GPP7450	4179	—	6ML60
			M1135150	GPP7470	—	—	6ML61

Cross Reference

AC Sub-FHP Gearmotor Cross Reference

PZ SERIES AC GEARMOTORS: Parallel Shaft

Output RPM	F.L. Torque (lb.in.)	Input HP	LEESON Catalog No.	Cross Reference			
				Dayton	Bodine	Baldor	Bison
2	100	1/150	M1125050	6Z074	—	—	016-103-2362
9	100	1/15	M1125127*	6Z076	0449	GCP24114	016-103-2186
19	100	1/15	M1125128*	6Z081	0448	GCP24122	016-103-1096
28	100	1/15	M1125129*	6Z082	0455	GCP24124	—
57	56	1/15	M1125130*	6Z083	0454	GCP24134	016-103-1025
94	36	1/15	M1125131*	6A197	0453	—	016-103-1019
142	24	1/15	M1125132*	—	0452	—	016-103-1013
283	12	1/15	M1125133*	—	0451	—	—

* These motors are TEFC.

P240 SERIES AC GEARMOTORS: Parallel Shaft

Output RPM	F.L. Torque (lb.in.)	Input HP	LEESON Catalog No.	Cross Reference			
				Dayton	Bodine	Baldor	Bison
8	345	1/15	M1145029	6Z816	0476	GCP24004	016-226-6215
15	250	1/15	M1145023	4Z518	0485	—	—
16	391	1/6	M1145030	6Z817	0485	—	016-226-6102
30	135	1/15	M1145024	4Z519	—	—	—
30	295	1/6	M1145031	6Z818	0484	—	016-226-6058
40	219	1/6	M1145032	6Z819	0483	GCP25052	016-226-6036
45	92	1/15	M1145025	4Z520	—	—	—
60	157	1/6	M1145033	6Z820	0482	GCP25054	016-226-6028
70	61	1/15	M1145026	4Z521	—	—	—
90	103	1/6	M1145034	6Z821	0481	GCP25056	016-226-6019
97	43	1/15	M1145027	4Z522	—	—	—
139	30	1/15	M1145028	4Z523	0480	—	—
156	60	1/6	M1145035	6Z822	—	GCP25060	016-226-6011

PE350 SERIES AC GEARMOTORS • SINGLE PHASE: Parallel Shaft

Output RPM	F.L. Torque (lb.in.)	Input HP	LEESON Catalog No.	Cross Reference			
				Baldor	Bodine	Bison	Dayton
5	310	1/12	096000	—	0671	016-246-6254	6MK70
9	341	1/12	096001	—	0669	016-246-6170	6MK71
14	330	1/12	096002	GCP9320	0636*	—	6MK72
19	250	1/12	096003	GCP9322	0635*	016-246-6082	6MK73
29	270	1/6	096004	—	0685	016-246-6058	6MK74
34	250	1/6	096005	—	—	—	6MK75
40	180	1/6	096006	—	0654*	—	6MK76
59	135	1/6	096007	GCP3305	0683	016-246-6028	6MK77
75	90	1/6	096008	—	0681	016-246-6023	6MK78
113	68	1/6	096009	—	0651*	016-246-6015	6MK79
160	45	1/6	096010	GCP3315	0680	016-246-6011	6MK80
340	25	1/6	096011	GCP3320	0679	016-246-6005	6MK81

*Split Phase Type

PE350 HIGH TORQUE • SINGLE PHASE: Cap Start

Output RPM	F.L. Torque (lb.in.)	Input HP	LEESON Catalog No.	Cross Reference			
				Baldor	Bodine	Bison	Dayton
58	320	1/3	096049	GLP3330	0664*	—	—
85	218	1/3	096050	GLP3332	0663*	—	—
173	109	1/3	096051	GLP3336	0662*	—	—
345	55	1/3	096052	GLP3338	0662*	—	—

*Split Phase Type

PE350 SERIES AC GEARMOTORS • THREE PHASE: Parallel Shaft

Output RPM	F.L. Torque (lb.in.)	Input HP	LEESON Catalog No.	Cross Reference			
				Baldor	Bodine	Bison	Dayton
58	320	1/3	096013	GMP3330	0666	017-246-0029	6MK82
85	218	1/3	096014	GMP3332	0642	017-246-0019	6MK83
173	109	1/3	096015	GMP3336	0665	017-246-0011	6MK84
345	55	1/3	096016	GMP3338	—	017-246-0005	6MK85

This information is furnished as a guide only. Always check specific motor to determine suitability for direct replacement.

P1100 SERIES AC GEARMOTORS • SINGLE PHASE: Parallel Shaft

Output RPM	F.L. Torque (lb.in.)	Ratio to 1	Input HP	LEESON Catalog No.	Cross Reference	
					Dayton	Bison*
8	975	212	1/4	107000	6Z400	014-482-4211
12	1030	143	1/4	107004	6K351	014-482-4143
18	800	95	1/4	107003	6Z401	014-482-4095
26	569	66	1/4	107002	6K352	—
59	248	29	1/4	107005	6K353	014-482-4029
133	114	13	1/4	107001	6K354	014-482-4011
18	1089	95	1/3	107006	6Z402	014-482-3095
26	752	66	1/3	107012	6K396	014-482-3066
41	461	42	1/3	107011	2Z842	014-482-3042
59	330	29	1/3	107010	6K369	014-482-3029
91	224	19	1/3	107009	2Z843	014-482-3019
157	125	11	1/3	107008	2Z844	014-482-3011
288	70	6	1/3	107007	2Z845	014-482-3006
22	1105	79	1/2	107013	6Z403	—
41	700	42	1/2	107017	6K375	014-482-2042
59	496	29	1/2	107016	6K583	014-482-2029
91	336	19	1/2	107015	6K383	014-482-2019
133	229	13	1/2	107014	6K506	014-482-2011

* Bison units are split phase design.

P1100 SERIES AC GEARMOTORS • THREE PHASE: Parallel Shaft

Output RPM	F.L. Torque (lb.in.)	Ratio to 1	Input HP	LEESON Catalog No.	Cross Reference	
					Dayton	Bison
18	1089	95	1/3	107025	6Z404	—
26	752	66	1/3	107026	4Z384	—
41	461	42	1/3	107027	4Z385	—
59	330	29	1/3	107028	4Z386	—
91	224	19	1/3	107029	4Z387	—
157	125	11	1/3	107030	4Z388	—
288	70	6	1/3	107031	4Z389	—
22	1105	79	1/2	107032	6Z405	017-482-0095
41	700	42	1/2	107033	4Z390	017-482-0042
59	496	29	1/2	107034	4Z391	017-482-0029
91	336	19	1/2	107035	4Z392	017-482-0019
133	229	13	1/2	107036	4Z393	017-482-0011
288	100	6	1/2	107037	4Z394	017-482-0006

Application Notes:
P1100 AC gearmotors have the same mounting dimensions as Bison 482 gearmotors and Dayton gearmotors. For additional information, see Bulletin 1830.

RIGHT-ANGLE AC GEARMOTORS

Output RPM	F.L. Torque (lb.in.)	Input HP	LEESON Catalog No.	Cross Reference			
				Dayton	Bodine	Baldor	Bison
28	37	1/15	M1125080	IL536	0492	—	—
43	34	1/15	M1125081	IL538	0491	GC24310~	—
58	40	1/15	M1125082	IL535	0487	—	—
85	24	1/15	M1125083	IL534	0490	GC24306~	—
173	14	1/15	M1125084	IL533	0488	GC24302~	—
29	110	1/6	M1145037	IL501	—	—	—
43	113	1/6	M1145038	IL502	0678	GC25020~	—
57	95	1/6	M1145082	IL503	—	GC25015~	026-756-8030
83	75	1/6	M1145039	IL504	0677	GC25010~	026-756-8020
170	43	1/6	M1145040	IL505	0672	—	026-756-8010
340	23	1/6	M1145041	—	0670	—	026-756-8005

~Mounting base and output shaft height are not 'drop-in' replacement.
Some Dayton and all Baldor right-angle gearmotors have double output shafts.

This information is furnished as a guide only.
Always check specific motor to determine
suitability for direct replacement

LEESON®

Catalog No.	Page #	List $
003042.02	351	55
003042.04	351	65
003042.05	351	55
003042.06	351	50
003043.01	351	55
003043.05	351	50
006707.01	379	61
006708.01	359, 379	64
092011.00	38	353
092012.00	38	374
092013.00	38	379
092014.00	82	430
092015.00	82	470
092016.00	82	455
092111.00	31	328
092112.00	31	378
092114.00	31	340
092116.00	31	373
096000.00	345	781
096001.00	345	781
096002.00	345	781
096003.00	345	781
096004.00	345	821
096005.00	345	821
096006.00	345	821
096007.00	345	775
096008.00	345	775
096009.00	345	775
096010.00	345	775
096011.00	345	775
096013.00	345	902
096014.00	345	847
096015.00	345	847
096016.00	345	847
096049.00	345	909
096050.00	345	853
096051.00	345	853
096052.00	345	853
096065.00	353	718
096066.00	353	724
096067.00	353	724
096068.00	353	711
096069.00	353	711
096070.00	353	711
098000.00	302	763
098002.00	302	647
098003.00	302	647
098004.00	302	686
098005.00	302	686
098006.00	302	686
098007.00	302	686
098008.00	302	763
098009.00	302	822
098010.00	302	822
098014.00	295, 309	605
098015.00	295, 309	686
098016.00	295, 309	646
098017.00	309	743
098032.00	302	927
098040.00	154, 305	870
098065.00	298, 313	658
098066.00	298, 313	680
098067.00	298, 313	720
098069.00	302	927
098375.00	154, 305	830
098376.00	154, 305	878
098377.00	303	624
098378.00	303	665
098379.00	303	741
098380.00	303	905
098381.00	312	720
098382.00	312	696
100000.00	17	363
100001.00	17	428
100002.00	17	482
100003.00	17	589
100004.00	17	507
100005.00	17	605
100006.00	17	377
100007.00	17	414
100008.00	17	511

Catalog No.	Page #	List $
100010.00	28, 205	459
100011.00	28, 205	494
100012.00	28, 205	611
100014.00	28, 205	432
100015.00	28, 205	466
100016.00	28, 205	585
100018.00	20	446
100019.00	20	504
100020.00	20	493
100021.00	20	608
100023.00	20	355
100024.00	20	413
100025.00	20	467
100026.00	20	565
100027.00	45	318
100028.00	45	336
100029.00	45	383
100030.00	45	428
100045.00	28, 205	447
100046.00	28, 205	611
100047.00	28, 205	511
100048.00	51	352
100049.00	51	407
100050.00	51	452
100052.00	17	355
100053.00	17, 27, 249	447
100054.00	20	353
100055.00	20	462
100056.00	51	349
100063.00	205, 28	376
100064.00	28, 205	449
100065.00	28, 205	506
100109.00	28, 205	376
100110.00	28, 205	459
100111.00	28, 205	325
100115.00	17	318
100116.00	17	363
100123.00	82	357
100145.00	59, 207	478
100146.00	59, 207	530
100184.00	17	328
100204.00	117	346
100205.00	117	456
100207.00	117	333
100208.00	117	433
100210.00	59, 207	417
100336.00	17	297
100337.00	17	328
100338.00	17	458
100340.00	17	400
100354.00	20	311
100355.00	20	328
100356.00	20	328
100357.00	20	422
100361.00	38	363
100362.00	38	349
100366.00	38	400
100375.00	51	327
100378.00	51	416
100443.00	82	396
100446.00	45	342
100449.00	72	428
100486.00	72	483
100588.00	17	430
100599.00	53	401
100600.00	53	381
100601.00	53	459
100602.00	53	503
100603.00	28, 205	455
100604.00	190, 208, 218	467
100699.00	190, 208, 218	353
100700.00	190, 208, 218	400
100701.00	190, 208, 218	430
100704.00	254	576
100722.00	117	492
100723.00	117	455
100767.00	190, 208, 217	444
100768.00	190, 208, 217	457
100796.00	207, 59	556
100802.00	253	576
100803.00	190, 208, 217	370

Catalog No.	Page #	List $
100804.00	190, 208, 217	385
100805.00	190, 208, 217	464
100806.00	190, 208, 217	488
100824.00	190, 208, 217	419
100825.00	190, 208, 217	455
100905.00	62	409
100908.00	207, 59	603
100913.00	62	436
100955.00	31	402
100956.00	31	461
100960.00	62	449
100961.00	62	487
101013.00	82	342
101015.00	28, 205	376
101020.00	209	397
101021.00	209	505
101051.00	229	454
101079.00	62	381
101119.00	198	789
101120.00	198	675
101159.00	198	600
101176.00	190, 208, 218	440
101252.00	190, 208, 218	353
101253.00	190, 208, 218	400
101291.00	72	617
101341.00	221, 199	454
101405.00	25, 206	493
101423.00	17	384
101431.00	28, 205	329
101432.00	28, 205	363
101433.00	28, 205	427
101434.00	28, 205	320
101446.00	31	418
101447.00	45	328
101448.00	45	347
101449.00	45	412
101520.00	59, 207	506
101521.00	20	385
101522.00	20	435
101523.00	20	603
101544.00	17, 27, 249	646
101585.00	206, 25	564
101602.00	25, 206	417
101611.00	28, 205	494
101637.00	119	440
101638.00	119	488
101639.00	59, 207	382
101640.00	59, 207	459
101641.00	59, 207	560
101643.00	198	730
101644.00	198	785
101645.00	190, 208, 217	491
101646.00	62	347
101647.00	62	415
101648.00	72	369
101649.00	82	357
101650.00	22	592
101651.00	22	511
101765.00	34	414
101766.00	34	446
101767.00	72	369
101769.00	72	396
101773.00	207, 59	480
101775.00	119	491
101776.00	119	440
101780.00	72	595
101781.00	252	566
101782.00	252	581
101839.00	28, 205	611
101965.00	72	435
101966.00	72	376
101981.00	72	376
102012.00	31	370
102013.00	31	525
102014.00	31	363
102015.00	31	559
102016.00	31	347
102017.00	254	514
102018.00	31	461
102019.00	31	616
102020.00	31	396

Leeson Catalog Number Index

Motors, Sub-FHP Gearmotors, Drives and Accessories

Catalog No.	Page #	List $
102021.00	254	576
102024.00	76	608
102183.00	242	524
102184.00	243	495
102197.00	119	347
102198.00	119	365
102199.00	119	382
102200.00	51	473
102661.00	34	363
102662.00	72	332
102663.00	34	428
102664.00	72	383
102665.00	34	499
102666.00	72	462
102684.00	62	349
102685.00	242	466
102686.00	242	465
102687.00	243	489
102688.00	242	560
102689.00	243	535
102690.00	242	538
102691.00	243	567
102692.00	242	633
102693.00	242	585
102694.00	243	630
102695.00	51	443
102696.00	72	555
102697.00	76	565
102792.00	85	357
102793.00	85	405
102794.00	85	443
102795.00	85	495
102860.00	72	462
102861.00	72	481
102862.00	34	511
102863.00	72	406
102864.00	34	397
102865.00	34	541
102866.00	34	412
102867.00	34	443
102868.00	34	412
102869.00	34	466
102870.00	34	353
102871.00	34	534
102872.00	34	423
102873.00	34	353
102903.00	36	419
102904.00	31	422
102905.00	31	394
102906.00	31	457
102907.00	36	537
102908.00	31	548
102909.00	31	535
102910.00	36	447
102911.00	38	456
102912.00	38	402
102913.00	38	460
102914.00	38	367
102915.00	38	414
102916.00	36	421
102917.00	76	510
102918.00	82	460
102919.00	76	510
102920.00	82	394
102921.00	76	443
102922.00	76	441
102929.00	36	418
102930.00	36	447
102931.00	31	400
102932.00	31	472
102933.00	31	457
102963.00	28, 205	376
102964.00	28, 205	459
102965.00	28, 205	494
102966.00	28, 205	611
102971.00	53	439
103014.00	51	320
103017.00	45	449
103018.00	45	482
103019.00	62	557
103020.00	62	591
103021.00	53	465

Catalog No.	Page #	List $
103022.00	53	491
103023.00	22	423
103024.00	22	384
103025.00	22	451
103082.00	36	447
103083.00	22	423
103084.00	22	511
103085.00	36	537
103086.00	22	592
103387.00	172	1,368
103388.00	172	1,419
103389.00	173	1,352
103390.00	173	1,383
103393.00	173	1,157
103394.00	173	1,182
103395.00	177, 292	1,414
103396.00	177, 292	1,462
103397.00	177, 292	1,414
103398.00	177, 292	1,462
103399.00	177, 292	1,550
103400.00	177, 292	1,462
103401.00	177, 292	1,615
103402.00	177, 292	1,673
103403.00	177, 292	1,414
103404.00	177, 292	1,462
103405.00	177, 292	1,414
103406.00	177, 292	1,462
103407.00	177, 292	1,550
103408.00	177, 292	1,438
103409.00	177, 292	1,483
103410.00	177, 292	1,581
103411.00	182	1,511
103412.00	182	1,607
103413.00	182	1,419
103414.00	182	1,505
103417.00	182	1,533
103418.00	182	1,596
103460.00	253	427
103520.00	122	204
103521.00	122	218
103522.00	122	244
103523.00	122	293
103530.00	122	215
103531.00	122	224
103711.00	214	270
103712.00	214	270
103713.00	214	299
103714.00	214	299
103715.00	214	296
103716.00	214	296
103717.00	214	335
103718.00	214	335
103719.00	214	341
103720.00	214	341
103721.00	214	388
103722.00	214	388
103723.00	119	378
103724.00	119	410
103725.00	119	484
103726.00	119	423
103727.00	119	499
103782.00	211	422
103783.00	211	391
103794.00	253	522
103795.00	212	291
103796.00	212	336
103797.00	212	270
103821.00	253	586
103878.00	199, 221	490
107000.00	347	1,102
107001.00	347	1,077
107002.00	347	1,102
107003.00	347	1,102
107004.00	347	1,102
107005.00	347	1,077
107006.00	347	1,114
107007.00	347	1,091
107008.00	347	1,091
107009.00	347	1,091
107010.00	347	1,091
107011.00	347	1,091
107012.00	347	1,114

Catalog No.	Page #	List $
107013.00	347	1,214
107014.00	347	1,190
107015.00	347	1,190
107016.00	347	1,190
107017.00	347	1,190
107025.00	347	1,186
107026.00	347	1,186
107027.00	347	1,159
107028.00	347	1,159
107029.00	347	1,159
107030.00	347	1,159
107031.00	347	1,159
107032.00	347	1,251
107033.00	347	1,232
107034.00	347	1,232
107035.00	347	1,232
107036.00	347	1,232
107037.00	347	1,232
108014.00	302	801
108015.00	302	801
108016.00	302	865
108017.00	302	865
108018.00	302	976
108019.00	302	976
108020.00	302	927
108021.00	302	927
108022.00	302	1,135
108023.00	302	1,135
108045.00	312	693
108046.00	312	762
108047.00	312	793
108048.00	312	874
108050.00	312	730
108051.00	312	756
108052.00	312	792
108053.00	312	959
108092.00	302	1,417
108226.00	154, 305	984
108227.00	154, 305	984
108228.00	154, 305	1,194
108229.00	154, 305	1,194
108230.00	154, 305	1,455
108231.00	154, 305	1,455
108232.00	154, 305	1,859
108262.00	302	1,417
108265.00	302	1,373
108266.00	302	2,152
108322.00	312	1,042
108369.00	295, 309	849
108370.00	295, 309	1,049
108371.00	295, 309	1,384
108372.00	295, 309	849
108373.00	295, 309	940
108407.00	154, 305	1,179
108423.00	154, 305	830
108424.00	154, 305	878
108455.00	298, 313	924
108456.00	298, 313	791
108457.00	298, 313	878
108458.00	298, 313	1,010
108502.00	302	3,577
108700.00	329	1,300
108701.00	329	1,300
108702.00	329	1,300
108703.00	329	1,268
108704.00	329	1,268
108705.00	329	1,268
108706.00	329	1,268
108707.00	329	1,405
108708.00	329	1,405
108709.00	329	1,379
108710.00	329	1,379
108711.00	329	1,379
108712.00	329	1,379
108729.00	329	1,328
108730.00	329	1,299
108731.00	329	1,405
108732.00	329	1,405
109065.00	178, 316	1,380
109066.00	178, 316	1,459
109067.00	178, 316	1,459
109068.00	179, 293, 317	1,459

Catalog No.	Page #	List $
109069.00	316, 178	1,705
109070.00	178, 316	1,705
109071.00	179, 293, 317	1,705
109072.00	316, 178	2,076
109073.00	178, 316	2,076
109074.00	179, 293, 317	2,076
109075.00	316, 178	2,408
109076.00	178, 316	2,408
109077.00	179, 293, 317	2,408
109078.00	316, 178	1,347
109079.00	178, 316	1,427
109080.00	178, 316	1,427
109081.00	179, 293, 317	1,427
109082.00	316, 178	1,673
109083.00	178, 316	1,673
109084.00	179, 293, 317	1,673
109085.00	316, 178	2,044
109086.00	178, 316	2,044
109087.00	179, 293, 317	2,044
109088.00	316, 178	2,378
109089.00	178, 316	2,378
109090.00	179, 293, 317	2,378
109096.00	303	1,110
109097.00	303	1,110
109098.00	302	842
109099.00	302	884
109100.00	302	1,194
109101.00	312	919
109102.00	312	886
109103.00	312	1,399
109104.00	312	1,382
109105.00	312	1,334
109106.00	312	1,752
109107.00	312	1,620
109108.00	312	1,557
110000.00	18	630
110001.00	17	541
110002.00	17	817
110003.00	17	921
110004.00	18	557
110005.00	18	724
110006.00	18	789
110007.00	205, 28	662
110009.00	31	616
110011.00	31	877
110013.00	32	548
110017.00	32	669
110018.00	32	748
110019.00	32	889
110022.00	32, 39, 249	640
110023.00	32, 39, 249	724
110025.00	206, 39	560
110026.00	39, 206	671
110027.00	45	598
110028.00	45	646
110029.00	46	483
110034.00	62	465
110035.00	63	487
110036.00	20	632
110037.00	21	760
110040.00	34	641
110041.00	35	731
110042.00	35	822
110043.00	51	494
110044.00	51	575
110047.00	72	500
110048.00	73	534
110052.00	59, 207	557
110054.00	28, 205	647
110057.00	34	608
110058.00	35	700
110059.00	32	516
110064.00	240	642
110065.00	240	735
110066.00	240	884
110086.00	187	556
110087.00	187	657
110088.00	187	755
110089.00	187	842
110090.00	187	1,207
110094.00	32	677
110097.00	18, 27, 249	462

Catalog No.	Page #	List $
110108.00	32, 39,249, 251	471
110109.00	32, 39, 249, 251	793
110110.00	18	605
110111.00	51	478
110112.00	73	527
110125.00	73	565
110142.00	32, 39, 249,251	576
110143.00	82	396
110144.00	72	428
110145.00	63	525
110160.00	247, 26	457
110161.00	26, 247	501
110163.00	72	668
110167.00	18	654
110176.00	233	482
110177.00	233	517
110178.00	229	482
110180.00	36	550
110181.00	76	569
110182.00	76	444
110192.00	73	581
110199.00	229	454
110204.00	233	553
110206.00	229	506
110209.00	32	629
110220.00	20	600
110222.00	26, 247	586
110232.00	26, 247	523
110253.00	32	714
110255.00	238	530
110275.00	62	646
110276.00	32	443
110288.00	117	646
110289.00	117	833
110292.00	117	632
110293.00	117	779
110308.00	34	632
110313.00	62	449
110352.00	33	883
110353.00	62	646
110354.00	229	458
110360.00	18	421
110361.00	18	596
110362.00	18	822
110363.00	18	789
110381.00	20	850
110382.00	20	946
110384.00	20	451
110387.00	21	621
110388.00	21	724
110390.00	21	814
110394.00	239	480
110395.00	239	608
110396.00	239	730
110397.00	239	804
110398.00	239	907
110400.00	32	1,015
110402.00	33, 39, 249, 251	925
110411.00	34	901
110412.00	34	485
110413.00	34	466
110414.00	34	1,015
110415.00	35	599
110416.00	35	546
110418.00	35	736
110419.00	35	702
110420.00	35	789
110421.00	35	925
110422.00	35	893
110423.00	240	560
110424.00	240	1,002
110425.00	45	543
110426.00	46	471
110429.00	46	527
110430.00	46	557
110433.00	207, 59	641
110434.00	51	601
110437.00	51	554
110441.00	62	599
110444.00	63	547
110446.00	72	367

Catalog No.	Page #	List $
110448.00	72	449
110451.00	73	601
110478.00	28, 205	525
110479.00	28, 205	675
110492.00	189	723
110493.00	189	846
110494.00	189	959
110495.00	189	1,090
110579.00	28, 205	801
110669.00	273	987
110670.00	273	1,109
110671.00	273	1,298
110679.00	273	1,527
110714.00	229	416
110715.00	229	535
110745.00	63	574
110852.00	106	1,232
110893.00	229	570
110901.00	53	591
110902.00	53	620
110905.00	36	648
110908.00	36	734
110909.00	36	713
110910.00	36	872
110912.00	76	585
110914.00	76	687
110915.00	76	480
110916.00	76	549
110917.00	77	638
110918.00	77	617
110934.00	106	1,036
110961.00	106	1,176
111074.00	106	796
111075.00	106	878
111084.00	106	878
111085.00	106	974
111086.00	106	1,080
111095.00	106	837
111096.00	106	974
111097.00	106	908
111098.00	106	846
111147.00	212	829
111148.00	212	905
111202.00	190, 208, 218	462
111266.00	190, 208, 217	606
111267.00	190, 208, 217	678
111273.00	73	661
111275.00	247, 26	729
111304.00	195	846
111309.00	46	615
111310.00	47	710
111311.00	59, 207	626
111321.00	190, 208, 217	575
111322.00	190, 208, 217	652
111323.00	190, 208, 217	554
111324.00	190, 208, 217	606
111326.00	272	1,044
111327.00	272	1,223
111328.00	272	1,321
111329.00	194	913
111330.00	194	898
111332.00	210, 192	460
111333.00	192, 210	546
111334.00	192, 210	471
111335.00	192, 210	511
111348.00	190, 208, 217	485
111394.00	229	686
111444.00	233	585
111611.00	233	646
111630.00	74	752
111915.00	206, 39	762
111916.00	64	646
111917.00	83, 207	526
111918.00	83, 207	592
111919.00	190, 208, 217	645
111922.00	107	1,066
111923.00	107	981
111926.00	107	1,176
111929.00	107	845
111930.00	107	1,104
111931.00	107	1,042

Leeson Catalog Number Index

Motors, Sub-FHP Gearmotors, Drives and Accessories

Catalog No.	Page #	List $
111932.00	107	813
111933.00	107	1,011
111934.00	107	928
111935.00	107	1,121
111936.00	107	1,042
111937.00	107	972
111938.00	107	1,235
111939.00	107	1,241
111940.00	107	1,167
111941.00	107	1,266
111942.00	107	1,025
111943.00	107	1,091
111944.00	107	971
111949.00	210, 192	706
111950.00	271	1,118
111951.00	271	1,557
111953.00	209	631
111954.00	209	915
111955.00	209	1,077
111956.00	209	951
111957.00	209	951
111958.00	209	1,003
111959.00	209	1,003
111960.00	209	1,077
111961.00	209	1,077
111962.00	209	1,306
111963.00	209	1,306
112135.00	36	478
112136.00	35	1,056
112378.00	72	699
112379.00	73	686
112427.00	147	691
112428.00	147	721
112429.00	148	721
112430.00	148	835
112431.00	145	671
112432.00	145	789
112483.00	148	721
112484.00	148	835
112520.00	148	646
112521.00	148	669
112522.00	148	870
112523.00	148	646
112524.00	148	870
112526.00	145	671
112527.00	145	695
112528.00	145	788
112529.00	145	907
112547.00	148	711
112615.00	198	873
112626.00	145	904
112627.00	147	758
112643.00	148	909
112644.00	148	1,041
112991.00	195	876
113019.00	146	814
113020.00	146	849
113021.00	146	885
113022.00	146	712
113023.00	146	830
113024.00	146	880
113025.00	47	582
113026.00	64	595
113027.00	28, 205	637
113028.00	120	547
113029.00	120	559
113030.00	120	576
113031.00	120	722
113032.00	120	788
113256.00	187	478
113266.00	18, 27, 249	817
113280.00	198	1,450
113281.00	250, 22	893
113290.00	189	632
113292.00	47	620
113293.00	47	640
113300.00	145	1,155
113301.00	198	1,431
113311.00	72	617
113333.00	32, 39, 249	820
113334.00	21	866

Catalog No.	Page #	List $
113335.00	21	850
113336.00	21	658
113337.00	20	504
113373.00	209	1,077
113473.00	146	703
113580.00	145	662
113581.00	145	671
113582.00	145	680
113583.00	145	682
113584.00	145	998
113586.00	148	721
113587.00	148	835
113588.00	148	644
113589.00	148	707
113590.00	148	828
113591.00	148	913
113592.00	148	1,015
113593.00	146	1,006
113608.00	205, 28	853
113627.00	251	951
113630.00	18, 27, 249	701
113631.00	18, 27, 249	613
113632.00	18, 27, 249	828
113633.00	205, 28	845
113634.00	73	782
113637.00	118	450
113638.00	118	480
113639.00	118	567
113640.00	118	674
113641.00	118	797
113642.00	253	687
113643.00	209	631
113649.00	146	642
113672.00	209	915
113700.00	22, 250	863
113765.00	31, 38	555
113766.00	31, 38	616
113767.00	32, 38	727
113768.00	32, 38	834
113769.00	32, 38	948
113770.00	33, 38	1,303
113846.00	59, 207	664
113847.00	59, 207	762
113890.00	74	802
113891.00	119	583
113892.00	119	693
113893.00	119	819
113894.00	52	641
113895.00	59, 207	591
113896.00	59, 207	670
113897.00	59, 207	776
113901.00	239	429
113902.00	239	538
113903.00	239	598
113904.00	239	767
113905.00	239	940
113906.00	198	953
113907.00	198	1,593
113908.00	240	566
113909.00	240	642
113910.00	240	762
113911.00	240	884
113912.00	241	495
113913.00	241	550
113914.00	241	679
113915.00	241	883
113916.00	240	443
113917.00	240	473
113918.00	240	538
113919.00	240	623
113920.00	240	821
113921.00	241	576
113922.00	241	660
113923.00	241	755
113924.00	241	795
113925.00	241	963
113926.00	59, 207	767
113927.00	77	722
113928.00	240	993
113929.00	240	913
113930.00	22	677

Catalog No.	Page #	List $
113931.00	37	934
113932.00	22	730
113933.00	63	669
113936.00	240	1,222
113937.00	239	1,112
113938.00	187	857
113939.00	196	587
113954.00	146	682
113955.00	118	391
113956.00	118	465
113957.00	118	581
113958.00	118	691
113959.00	118	814
113971.00	107	1,387
114102.00	199, 221	592
114142.00	76	444
114146.00	272	1,452
114147.00	272	1,254
114148.00	272	1,550
114149.00	272	1,477
114150.00	272	1,071
114151.00	272	983
114152.00	273	1,596
114154.00	273	1,109
114155.00	273	1,298
114156.00	271	1,035
114157.00	271	1,206
114158.00	273	1,003
114159.00	273	1,092
114160.00	273	1,282
114161.00	273	1,479
114162.00	271	1,007
114163.00	271	1,175
114164.00	271	1,280
114165.00	271	1,035
114166.00	271	1,303
114167.00	271	1,470
114176.00	72	428
114192.00	59, 207	511
114194.00	59, 207	622
114196.00	59, 207	721
114197.00	59, 207	696
114198.00	77	828
114201.00	119	840
114202.00	119	713
114203.00	119	598
114204.00	120	772
114205.00	120	714
114206.00	120	564
114207.00	120	542
114208.00	120	456
114213.00	72	640
114214.00	22, 250	653
114215.00	22, 250	829
114216.00	252	608
114218.00	53	735
114222.00	241	376
114223.00	241	491
114224.00	241	439
114225.00	241	612
114226.00	241	533
114227.00	241	731
114228.00	241	606
114229.00	241	806
114231.00	241	905
114233.00	241	1,103
114304.00	242	630
114306.00	242	570
114307.00	242	671
114308.00	242	682
114309.00	82	500
114310.00	145	658
114311.00	145	668
114312.00	145	668
114313.00	145	685
114314.00	145	671
114315.00	145	792
114316.00	145	675
114317.00	145	898
114318.00	145	997
114319.00	145	1,151

Catalog No.	Page #	List $
114394.00	165	836
114395.00	165	967
114419.00	107	1,545
114420.00	52	681
114424.00	106	1,206
114425.00	106	1,323
114437.00	165	1,004
114560.00	165	845
114561.00	165	977
114562.00	165	1,015
114581.00	165	1,053
114582.00	165	1,195
114614.00	64	752
114615.00	78	804
114616.00	146	1,033
114617.00	31	589
114618.00	62	963
114620.00	211	733
114624.00	76	653
114625.00	108	981
114626.00	108	1,059
114627.00	108	1,022
114628.00	108	1,108
114629.00	108	1,056
114630.00	108	1,130
114631.00	108	1,104
114632.00	108	1,199
114633.00	108	1,253
114634.00	108	1,283
114635.00	108	1,240
114636.00	108	1,553
114637.00	145	1,151
114638.00	73	889
114888.00	242	678
114889.00	243	573
114891.00	243	636
114892.00	243	702
114893.00	243	570
114894.00	243	679
114895.00	243	686
114896.00	243	707
114930.00	63	768
114931.00	120	413
114932.00	254	738
114933.00	254	807
114934.00	51	507
114995.00	37, 40, 250	890
115024.00	36, 40, 250	748
115048.00	37, 40, 250	974
115553.00	52	615
115635.00	172	1,552
115743.00	148	902
115744.00	148	981
115745.00	148	1,049
115746.00	148	1,108
115751.00	199, 147	1,057
115778.00	212	769
115779.00	212	836
115825.00	46	493
115826.00	47	530
115827.00	46	461
115828.00	64	551
115829.00	63	527
115830.00	63	516
115877.00	36, 40, 250	550
115878.00	37	934
115879.00	36, 40, 250	734
115976.00	146	1,228
116106.00	77	659
116107.00	78	835
116128.00	46	596
116129.00	63	695
116180.00	120, 107	1,138
116181.00	106, 118	1,346
116182.00	107, 120	1,089
116183.00	106, 118	1,237
116184.00	107, 120	1,062
116185.00	106, 118	965
116186.00	106, 118	900
116187.00	107, 120	987
116188.00	106, 118	799
116190.00	108	1,393
116191.00	108	1,420
116201.00	211	660
116202.00	211	820
116340.00	76	719
116343.00	175	1,530
116344.00	175	1,514
116345.00	175	1,552
116346.00	175	1,640
116347.00	175	1,717
116348.00	175	1,706
116349.00	175	1,497
116350.00	175	1,526
116351.00	175	1,607
116352.00	175	1,664
116388.00	78	835
116462.00	150, 274	1,368
116463.00	150, 274	1,402
116464.00	150, 274	1,669
116465.00	150, 274	1,728
116466.00	150, 274	1,418
116467.00	150, 274	1,446
116468.00	150, 274	1,715
116469.00	150, 274	1,773
116482.00	175	1,799
116483.00	176, 274	5,348
116484.00	176, 274	5,634
116485.00	40, 189, 250	654
116486.00	40, 189, 250	751
116487.00	40, 189, 250	873
116488.00	189	991
116489.00	189	1,116
116523.00	247, 26	707
116591.00	63	778
116592.00	77	828
116593.00	59, 207	835
116594.00	64	652
116595.00	47	632
116599.00	28, 205	662
116600.00	28, 205	801
116601.00	28, 205	853
116605.00	106	866
116606.00	106	905
116607.00	106	1,036
116608.00	106	873
116609.00	106	1,003
116610.00	106	1,123
116611.00	106	934
116612.00	106	1,109
116613.00	106	1,003
116614.00	106	1,222
116615.00	106	1,422
116616.00	106	1,742
116630.00	53	652
116631.00	54	754
116640.00	146	663
116641.00	148	684
116642.00	146	682
116643.00	146	684
116644.00	146	703
116645.00	146	814
116646.00	146	849
116647.00	146	885
116698.00	119	898
116699.00	119	922
116703.00	36, 40, 250	877
116704.00	18, 27, 249	873
116705.00	33, 39, 249	964
116706.00	19, 27, 249	880
116707.00	250, 22	905
116708.00	19, 27, 249	900
116709.00	250, 22	926
116728.00	51	652
116738.00	45	488
116739.00	62	620
116740.00	51	736
116741.00	51	768
116742.00	52	864
116743.00	73	938
116744.00	73	985
116745.00	76	920
116746.00	77	954
116747.00	77	997
116748.00	73	712
116749.00	73	935
116750.00	73	808
116751.00	73	935
116752.00	46	670
116753.00	46	663
116754.00	46	699
116755.00	47	781
116756.00	47	792
116757.00	63	762
116758.00	63	789
116759.00	63	777
116760.00	64	863
116761.00	64	823
116762.00	53	520
116763.00	53	744
116764.00	53	770
116765.00	53	871
116766.00	271	1,516
116767.00	272	1,631
116768.00	273	1,659
116769.00	22	478
116770.00	22	642
116771.00	22	816
116772.00	212	674
116773.00	212	730
116774.00	121, 149	714
116775.00	121, 149	830
116776.00	121, 149	883
116777.00	121, 149	1,010
116778.00	121, 149	1,059
116779.00	121, 149	733
116780.00	121, 149	851
116781.00	121, 149	923
116782.00	121, 149	1,026
116783.00	121, 149	1,093
116784.00	53	501
116785.00	53	593
116789.00	26, 247	751
116922.00	36	648
117118.00	182	1,528
117119.00	182	1,607
117120.00	182	1,581
117121.00	182	1,669
117122.00	182	1,698
117123.00	182	1,708
117126.00	182	1,497
117127.00	182	1,577
117128.00	182	1,550
117129.00	182	1,640
117130.00	182	1,667
117131.00	182	1,679
117266.00	172	1,462
117267.00	172	1,517
117269.00	172	1,364
117270.00	173	1,433
117271.00	172	1,413
117272.00	173	1,479
117273.00	172	1,546
117274.00	173	1,527
117275.00	172	1,823
117276.00	172	1,884
117277.00	172	1,930
117278.00	172	2,007
117279.00	173	1,339
117280.00	173	1,385
117281.00	173	1,518
117282.00	173	1,557
117283.00	173	1,889
117284.00	172	1,632
117285.00	172	1,930
117286.00	172	1,596
117287.00	173	1,527
117296.00	182	1,795
117297.00	182	1,766
117298.00	182	2,076
117299.00	182	2,104
117516.00	177, 292	1,647
117517.00	177, 292	1,738

Leeson Catalog Number Index

Motors, Sub-FHP Gearmotors, Drives and Accessories

Catalog No.	Page #	List $
117518.00	177, 292	1,930
117689.00	188	524
117690.00	188	601
117691.00	188	722
117692.00	188	813
117693.00	188	926
117698.00	275	1,280
117699.00	275	1,477
117700.00	275	1,663
117701.00	41, 267	537
117702.00	41, 267	584
117703.00	41, 267	634
117704.00	41, 267	516
117705.00	41, 267	564
117706.00	41, 267	606
117707.00	267	446
117708.00	267	471
117709.00	267	505
117710.00	267	549
117711.00	267	435
117712.00	267	465
117713.00	267	498
117714.00	267	543
117715.00	117	851
117716.00	117	804
117759.00	188	640
117760.00	188	784
117761.00	188	799
117762.00	172	1,462
117772.00	188	584
117813.00	138	453
117814.00	138	393
117815.00	138	548
117816.00	138	516
117817.00	138	541
117818.00	138	541
117819.00	138	579
117820.00	138	595
117821.00	138	600
117822.00	138	609
117848.00	107	1,050
117849.00	107	1,286
117850.00	108	1,182
117851.00	108	1,263
117852.00	107	1,088
117853.00	107	1,106
117854.00	107	1,161
117855.00	107	1,247
117856.00	107	797
117857.00	107	829
117858.00	107	964
117859.00	108	1,043
117860.00	107	1,026
117862.00	200	396
117863.00	200	451
117864.00	200	534
117865.00	200	579
117866.00	200	696
117867.00	200	797
117872.00	119	516
117873.00	119	609
117874.00	119	696
117875.00	119	529
117876.00	119	630
117878.00	200	427
117879.00	200	481
117880.00	200	561
117881.00	200	608
117883.00	198	851
117884.00	198	1,431
117887.00	198	576
117888.00	198	660
117889.00	198	679
117901.00	174	1,557
117902.00	174	1,609
117903.00	174	1,685
117904.00	174	1,720
117905.00	174	2,009
117906.00	183	1,697
117907.00	183	1,756
117908.00	183	1,794

Catalog No.	Page #	List $
117909.00	183	1,878
117910.00	183	2,177
117913.00	122	#N/A
117914.00	122	#N/A
117915.00	122	#N/A
117916.00	122	#N/A
117925.00	138	453
117926.00	138	453
117927.00	138	453
117928.00	138	393
117929.00	138	393
117930.00	138	393
117931.00	138	548
117932.00	138	548
117933.00	138	548
117934.00	138	516
117935.00	138	516
117936.00	138	516
117937.00	138	541
117938.00	138	541
117939.00	138	541
117940.00	138	541
117941.00	138	541
117942.00	138	541
117943.00	138	579
117944.00	138	579
117945.00	138	579
117946.00	138	595
117947.00	138	595
117948.00	138	595
117949.00	138	600
117950.00	138	600
117951.00	138	600
117952.00	138	609
117953.00	138	609
117954.00	138	609
118007.00	295, 309	2,061
118008.00	295, 309	2,473
118009.00	295, 309	2,061
118010.00	295, 309	2,473
118014.00	295, 309	3,452
118015.00	304	2,484
118016.00	304	2,805
118017.00	304	2,805
118018.00	304	3,475
118019.00	304	3,475
119090.00	117	531
119091.00	117	717
119092.00	117	733
119203.00	182	2,188
119204.00	182	2,172
119227.00	196	789
119228.00	197	789
119229.00	197	1,717
119230.00	197	758
119231.00	196	1,672
119232.00	196	758
119233.00	197	587
119234.00	197	851
119266.00	182	1,715
119267.00	182	1,772
119268.00	182	1,808
119269.00	182	1,850
120000.00	18	653
120001.00	18	873
120003.00	18, 26, 247	654
120004.00	18, 26, 27, 247, 249	873
120008.00	39, 249, 32	724
120009.00	32, 39, 249	820
120017.00	35	898
120025.00	32	693
120026.00	32	714
120036.00	33	889
120042.00	18, 26, 247	687
120043.00	32	1,162
120044.00	18, 26, 247	622
120060.00	35	1,080
120063.00	51	652
120067.00	18	820
120073.00	21	822
120097.00	72	699

Catalog No.	Page #	List $
120101.00	35	794
120102.00	35	926
120106.00	18	849
120107.00	18	596
120130.00	32	677
120274.00	37	1,176
120331.00	273	1,659
120332.00	273	1,702
120341.00	251, 33	959
120372.00	271	1,516
120373.00	271	1,708
120374.00	192, 210	759
120375.00	192, 210	924
120376.00	192, 210	973
120377.00	192, 210	587
120378.00	192, 210	695
120379.00	192, 210	779
120395.00	33, 39, 249, 251	935
120485.00	76	719
120554.00	247, 26	737
120589.00	145	904
120590.00	145	1,151
120728.00	252	1,191
120760.00	146	849
120761.00	146	885
120824.00	35, 251	1,037
120855.00	189	1,415
120867.00	33, 39, 249	1,176
120879.00	18, 27, 249	918
120921.00	63	762
120922.00	63	791
120923.00	64	823
120925.00	252	851
120940.00	256, 215	1,185
120941.00	215, 256	1,017
120942.00	216, 256	1,393
120943.00	216, 256	1,393
120944.00	215, 256	977
120945.00	215, 256	977
120946.00	215, 256	1,185
120947.00	215, 256	1,019
120990.00	241	1,019
120992.00	22	781
120994.00	125	858
120995.00	125	860
120996.00	125	851
120997.00	252	934
120998.00	252	1,244
121001.00	35	794
121002.00	20	648
121003.00	46, 58, 248	670
121004.00	46, 58, 248	699
121005.00	47, 58, 248	792
121008.00	37	934
121009.00	62	659
121039.00	148	1,015
121040.00	146	1,006
121060.00	37	1,047
121063.00	51	768
121064.00	51	736
121065.00	73	985
121066.00	73	938
121067.00	73	889
121070.00	240	1,222
121071.00	52	876
121093.00	242	702
121094.00	242	760
121095.00	242	795
121096.00	242	678
121097.00	242	702
121098.00	82	573
121099.00	82	600
121109.00	165	1,004
121165.00	165	1,015
121179.00	76	920
121180.00	77	954
121181.00	77	997
121184.00	21	829
121190.00	125	878
121199.00	62	1,110
121272.00	243	707

Catalog No.	Page #	List $
121273.00	243	813
121274.00	243	730
121275.00	243	739
121276.00	243	731
121277.00	243	796
121465.00	37, 40, 250	1,176
121507.00	33	1,167
121514.00	46	663
121515.00	47	781
121516.00	47	791
121517.00	46	779
121518.00	63	789
121519.00	64	863
121520.00	63	901
121556.00	273	1,479
121569.00	187	760
121613.00	274, 150	1,728
121614.00	150, 274	2,395
121615.00	150, 274	2,463
121616.00	150, 274	1,773
121622.00	175	1,773
121623.00	175	1,965
121624.00	175	1,690
121625.00	189	1,422
121632.00	175	2,045
121633.00	175	1,944
121672.00	77	842
121673.00	77	863
121674.00	53	744
121675.00	53	770
121676.00	53	871
121678.00	271	1,303
121680.00	36	734
121681.00	36	872
121742.00	182	2,053
121743.00	182	2,076
121750.00	182	1,773
121751.00	182	1,766
121795.00	172	1,552
121796.00	173	1,527
121815.00	271	1,649
121816.00	271	1,688
121825.00	37	986
121865.00	147	953
121866.00	147	1,188
121867.00	148	1,002
121868.00	148	1,291
121869.00	147	955
121870.00	148	1,525
121871.00	148	1,044
121873.00	172	1,835
121874.00	172	1,850
121875.00	172	1,877
121876.00	172	2,196
121877.00	172	2,219
121878.00	172	2,642
121879.00	182	1,927
121880.00	182	1,920
121881.00	182	2,227
121882.00	182	2,251
121908.00	182	1,895
121909.00	182	1,890
121910.00	182	2,196
121911.00	182	2,220
121912.00	165	1,165
121913.00	165	1,362
121914.00	107	1,172
121915.00	107	1,304
121916.00	107	1,208
121917.00	107	1,448
121918.00	107	1,428
121919.00	108	1,778
121920.00	108	1,844
121921.00	108	1,552
121922.00	108	2,017
121928.00	54	802
121929.00	78	1,059
121934.00	199	939
121935.00	53	684
121936.00	76	901
121937.00	229	772

Catalog No.	Page #	List $
121938.00	229	913
121939.00	229	789
121940.00	229	801
121941.00	229	863
121942.00	229	834
121944.00	199	1,057
121968.00	64	995
121973.00	188	824
121974.00	188	942
121975.00	188	1,275
121979.00	275	1,817
121980.00	275	1,986
121982.00	267	736
121983.00	267	777
121984.00	267	857
121985.00	267	615
121986.00	267	642
121987.00	267	660
121997.00	188	811
121998.00	188	845
122009.00	199	2,219
122010.00	199	2,251
122023.00	107	1,353
122024.00	107	1,286
122025.00	107	1,429
122029.00	174	1,643
122030.00	174	1,957
122031.00	174	2,288
122032.00	183	1,878
122033.00	183	2,177
122035.00	138	723
122036.00	138	723
122037.00	138	723
122038.00	138	723
122039.00	138	673
122040.00	138	673
122041.00	138	673
122042.00	138	673
122043.00	138	765
122044.00	138	765
122045.00	138	765
122046.00	138	765
122047.00	138	814
122048.00	138	814
122049.00	138	814
122050.00	138	814
122074.00	126	767
122075.00	126	767
122076.00	126	750
122077.00	126	750
122078.00	126	873
122079.00	126	873
122080.00	126	845
122081.00	126	966
122082.00	126	966
122083.00	128	775
122084.00	128	775
122085.00	128	799
122086.00	128	799
122087.00	128	846
122088.00	128	846
122089.00	128	959
122090.00	128	959
122091.00	128	845
122092.00	128	845
122093.00	123	556
122094.00	123	556
122095.00	123	678
122096.00	123	678
122097.00	123	665
122098.00	123	665
122099.00	123	693
122100.00	123	681
122101.00	123	681
122102.00	123	865
122103.00	123	865
122105.00	130	784
122106.00	130	784
122107.00	130	809
122108.00	130	809
122109.00	130	860

Catalog No.	Page #	List $
122110.00	130	860
122111.00	130	974
122112.00	130	974
122113.00	130	868
122114.00	130	868
122115.00	126	697
122119.00	182	2,195
128000.00	302	2,152
128001.00	302	2,569
128010.00	302	2,569
128023.00	302	2,261
131454.00	242	1,070
131459.00	242	939
131463.00	64, 83, 248	930
131464.00	65, 83, 248	1,023
131468.00	256, 215	1,269
131469.00	215, 256	1,620
131470.00	216, 256	2,020
131471.00	216, 256	1,780
131472.00	216, 256	2,020
131473.00	216, 256	1,780
131474.00	215, 256	1,269
131475.00	215, 256	1,620
131480.00	242	981
131481.00	242	1,155
131501.00	74	1,140
131502.00	78	1,166
131503.00	74	1,056
131504.00	78	1,076
131505.00	243	998
131506.00	243	926
131507.00	243	1,181
131508.00	243	1,057
131509.00	33	1,023
131515.00	18, 26, 247	849
131516.00	35	1,407
131517.00	52	1,088
131518.00	52	926
131519.00	47, 58, 248	810
131520.00	47, 58, 248	913
131526.00	32	1,884
131530.00	19	1,087
131533.00	33	1,207
131534.00	19, 26, 247	919
131535.00	18	904
131536.00	18, 26, 247	909
131537.00	19, 26, 247	1,103
131538.00	33	1,468
131539.00	21	1,331
131540.00	35	1,726
131541.00	189, 187	1,287
131542.00	187, 189	1,348
131543.00	187	1,689
131544.00	21	956
131545.00	35	1,658
131549.00	33	1,460
131553.00	239	1,090
131554.00	239	1,246
131555.00	239	2,548
131556.00	240	1,501
131557.00	240	2,144
131560.00	19	1,103
131561.00	19	1,087
131571.00	145	1,669
131578.00	240	2,721
131599.00	241	1,518
131600.00	240	1,482
131601.00	240	2,112
131602.00	189	2,354
131603.00	189	1,919
131604.00	125	1,194
131605.00	125	1,697
131610.00	273	2,357
131611.00	273	2,915
131612.00	273	3,729
131616.00	19	1,162
131622.00	19, 26, 27, 247, 249	1,319
131624.00	271	2,150
131625.00	271	2,668
131629.00	22	1,087
131630.00	250, 22	1,335

Leeson Catalog Number Index

Motors, Sub-FHP Gearmotors, Drives and Accessories

Catalog No.	Page #	List $
131631.00	37	1,662
131632.00	37, 40, 250	1,670
131633.00	37, 40, 250	1,740
131636.00	19	977
131637.00	33	1,056
131638.00	240	1,414
131640.00	125	1,039
131641.00	125	1,477
131777.00	21	1,280
131778.00	35	1,664
131781.00	22	1,285
131847.00	220, 193	1,446
131848.00	193, 220	1,607
131849.00	193, 220	1,171
131850.00	193, 220	1,367
131851.00	19, 27, 249	1,086
131853.00	250, 22	1,086
131855.00	33, 39, 249	1,303
131856.00	33, 39, 249	1,515
131857.00	37, 40, 250	1,662
131881.00	123	1,438
131971.00	46	918
131972.00	47	933
131980.00	63	1,313
131981.00	64	1,336
131985.00	64	1,071
131986.00	47	867
131987.00	65	1,197
131988.00	47	1,254
131994.00	189	1,955
131995.00	189	2,365
132042.00	33, 39, 249	1,629
132043.00	22	1,332
132044.00	19, 26, 247	1,062
132073.00	125	898
132079.00	78	1,246
132080.00	78	1,231
132081.00	54	943
132082.00	54	1,105
132083.00	22	1,019
132196.00	147	1,595
132197.00	147	1,824
132198.00	148	1,729
132199.00	148	1,753
132200.00	148	2,166
132201.00	148	1,952
132202.00	147	1,824
132203.00	172	2,704
132204.00	147	2,275
132205.00	148	2,685
132206.00	172	2,787
132207.00	172	3,159
132208.00	172	3,091
132232.00	60	822
132233.00	60	913
132234.00	60	976
132235.00	60	1,095
132236.00	82	1,023
132237.00	82	930
132242.00	54	867
132243.00	77	1,138
132244.00	54	1,309
132246.00	199	1,430
132247.00	199	1,495
132251.00	229	1,330
132252.00	229	1,355
132253.00	230	944
132254.00	230	1,070
132255.00	230	1,037
132306.00	147	2,275
132313.00	78	1,338
132328.00	188	954
132329.00	188	1,048
132345.00	138	1,113
132346.00	138	1,088
132347.00	138	1,230
132348.00	138	1,162
132356.00	138	1,113
132357.00	138	1,113
132359.00	138	1,088
132360.00	138	1,088
132362.00	138	1,230
132363.00	138	1,230
132365.00	138	1,162
132366.00	138	1,162
132388.00	147	1,626
140120.00	33	1,904
140130.00	189	2,200
140155.00	19, 26, 247	1,566
140203.00	189	2,057
140209.00	189	2,370
140223.00	189	2,060
140311.00	19, 26, 247	2,289
140414.00	189	2,578
140443.00	256, 215	2,305
140444.00	215, 256	2,689
140445.00	216, 256	2,640
140446.00	216, 256	2,640
140447.00	215, 256	2,283
140448.00	215, 256	2,689
140450.00	65, 83, 248	1,315
140451.00	66, 83, 248	1,590
140470.00	47, 58, 248	1,145
140472.00	48, 58, 248	1,353
140475.00	240	2,734
140483.00	52	1,205
140484.00	74	1,600
140485.00	52	1,362
140486.00	74	1,326
140521.00	78	1,332
140522.00	79	1,608
140581.00	33	2,185
140637.00	273	4,735
140640.00	220, 193	2,471
140641.00	193, 220	1,649
140642.00	125	2,100
140644.00	125	2,365
140646.00	123	1,708
140647.00	123	2,303
140665.00	125	2,237
140666.00	125	2,768
140678.00	37	2,265
140680.00	19, 26, 247	1,794
140681.00	19, 26, 247	2,268
140684.00	33	1,876
140685.00	33	2,302
140694.00	37	1,960
140695.00	37	2,338
140705.00	195	2,729
140706.00	187	2,363
140707.00	187	2,018
140747.00	33	2,793
140753.00	48	1,321
140754.00	48	1,755
140755.00	66	1,675
140756.00	65	1,443
140767.00	54	1,215
140768.00	54	1,378
140769.00	79	1,719
140770.00	78	1,520
140806.00	22	1,372
140807.00	37	2,002
140816.00	194	2,695
140819.00	147	2,315
140820.00	147	2,769
140821.00	148	2,861
140822.00	148	2,517
140823.00	148	3,242
140825.00	172	4,397
140826.00	172	4,963
140827.00	172	4,521
140828.00	172	5,112
140830.00	194	1,809
140831.00	60	1,145
140832.00	82	1,315
140833.00	195	1,642
140834.00	78	1,537
141084.00	220, 193	2,471
141111.00	54	1,452
141116.00	230	1,332
141119.00	54	1,876
141120.00	148	2,746
141145.00	188	1,342
141146.00	188	1,622
141156.00	138	2,212
141157.00	138	2,144
141158.00	140	2,486
141159.00	140	2,242
141170.00	138	2,212
141171.00	138	2,212
141173.00	138	2,144
141174.00	138	2,144
141176.00	140	2,486
141177.00	140	2,486
141179.00	140	2,242
141180.00	140	2,242
163115.60	382	145
163116.60	386	145
170000.60	48	3,884
170001.60	66	5,267
170002.60	48	4,626
170003.60	67	6,164
170004.60	48	4,824
170005.60	67	6,918
170006.60	48, 58, 248	2,330
170007.60	66, 83, 248	2,933
170009.60	48	2,942
170011.60	67	3,689
170013.60	48	3,189
170015.60	67	4,297
170017.60	49	4,201
170019.60	68	5,708
170021.60	49	5,075
170023.60	68	6,894
170025.60	49	5,588
170027.60	68	9,806
170029.60	49	6,890
170031.60	69	12,237
170032.60	48	2,370
170033.60	66	3,004
170034.60	48	2,942
170035.60	67	3,906
170036.60	48	3,416
170037.60	67	4,610
170038.60	49	4,495
170039.60	68	5,750
170040.60	49	5,483
170041.60	68	6,983
170042.60	49	6,557
170043.60	68	10,358
170044.60	49	8,664
170045.60	69	12,688
170062.60	66	2,457
170064.60	48	1,888
170065.60	48	1,908
170066.60	66, 83, 248	2,345
170067.60	48	3,146
170068.60	66	4,212
170070.60	54	2,631
170071.60	54	2,679
170073.60	55	3,385
170087.60	69	15,217
170096.60	68	9,483
170097.60	68	11,381
170098.60	68	13,424
170099.60	69	14,150
170104.60	79	4,576
170108.60	80	4,347
170110.60	80	6,411
170112.60	80	6,597
170114.60	80	10,784
170116.60	231	2,808
170117.60	231	2,974
170118.60	231	3,689
170119.60	231	4,297
170120.60	231	5,708
170121.60	231	6,894
170122.60	65	2,146
170123.60	66	3,070
170138.60	78	2,756
170139.60	79	3,072
170140.60	66	1,733
170142.60	47	1,215
170143.60	48	1,405
170144.60	48	1,433
170145.60	47	1,917

Leeson Catalog Number Index

Motors, Sub-FHP Gearmotors, Drives and Accessories

Catalog No.	Page #	List $
170146.60	48	2,389
170147.60	49	6,879
170148.60	49	7,868
170149.60	49	8,709
170150.60	49	10,322
170151.60	49	9,794
170152.60	49	9,428
170154.60	50	11,322
170155.60	50	11,931
170157.60	65	1,451
170158.60	65	1,527
170159.60	66	1,809
170160.60	69	15,623
170165.60	78	1,430
170166.60	78	1,513
170167.60	79	1,636
170168.60	79	1,772
170170.60	54	1,180
170171.60	54	1,575
170172.60	54	1,542
170173.60	54	2,176
170175.60	54	2,202
170196.60	230	1,527
170197.60	230	1,809
170198.60	231	2,457
170199.60	231	3,004
170212.60	230	1,756
170224.60	231	3,906
170228.60	231	4,610
170232.60	231	5,750
170239.60	232	9,806
170244.60	232	12,237
170253.60	232	15,217
170256.60	69	20,142
170259.60	50	15,848
170260.60	69	22,758
170269.60	49	12,192
170352.60	70	26,474
170369.60	69	20,203
170371.60	70	23,116
170378.60	55	4,911
170379.60	55	5,816
170540.60	219, 191	2,132
170541.60	191, 219	2,600
170542.60	191, 219	3,501
170615.60	66	2,274
170619.60	79	3,684
170620.60	80	4,347
171115.60	80	12,947
171116.60	78	1,914
171315.60	70	25,663
171316.60	70	33,614
171320.60	64	1,044
171322.60	65	1,086
171377.60	55	3,875
171378.60	64	1,478
171379.60	65	1,647
171446.60	78	1,285
171449.60	50	13,968
171522.60	50	14,089
171523.60	50	16,249
171564.60	78	1,235
171565.60	78	1,199
171566.60	78	1,244
171573.60	50	18,576
171574.60	47	1,211
171575.60	47	1,531
171576.60	50	17,002
171577.60	50	22,350
171578.60	70	23,022
171579.60	70	26,515
171580.60	69	18,653
171586.60	79	2,719
171587.60	79	2,811
171588.60	79	3,340
171589.60	79	3,357
171590.60	79	4,197
171591.60	79	4,343
171592.60	80	5,233
171593.60	80	6,764
171594.60	80	7,430
171595.60	80	11,783

Catalog No.	Page #	List $
171596.60	80	13,557
171597.60	81	16,600
171616.60	98	1,708
171617.60	98	2,026
171620.60	98	2,754
171621.60	98	3,365
171622.60	98	1,648
171623.60	98	1,188
171624.60	230	1,197
171630.60	98	1,230
171631.60	98	1,965
171632.60	98	2,664
171633.60	98	3,326
171634.60	98	1,676
171635.60	98	1,875
171636.60	98	2,438
171637.60	98	3,486
171638.60	98	4,719
171639.60	98	5,896
171640.60	63	817
171642.60	63	845
171643.60	63	962
171646.60	63	844
171647.60	64	879
171648.60	64	922
171688.60	55	3,293
171689.60	55	7,300
171690.60	55	8,866
171691.60	55	11,285
171778.60	98	4,108
171779.60	98	3,880
171780.60	98	6,483
171781.60	98	4,849
171782.60	98	4,520
171783.60	98	7,277
171784.60	98	6,048
171785.60	98	6,005
171786.60	98	9,976
171787.60	99	7,345
171788.60	99	7,253
171789.60	99	11,973
171790.60	99	10,896
171791.60	99	10,315
171792.60	99	14,121
171793.60	99	13,347
171794.60	99	12,872
171795.60	99	14,884
171796.60	99	16,434
171797.60	99	16,008
171798.60	99	21,189
171799.60	99	19,623
171800.60	99	21,254
171801.60	99	23,941
171802.60	99	24,219
171803.60	99	24,316
171804.60	99	26,997
171805.60	99	27,893
171806.60	99	27,850
171807.60	99	35,361
174102.00	356	608
174103.00	356	885
174107.00	356	826
174140.00	376, 380	837
174141.00	376	1,065
174142.00	376	1,231
174143.00	376	318
174144.00	376, 380, 380	484
174145.00	380, 376	816
174146.00	376	1,065
174147.00	376	1,231
174148.00	376	318
174149.00	376, 380	496
174150.00	381	257
174151.00	380	373
174152.00	380	373
174153.00	380	373
174154.00	380	508
174155.00	380	508
174156.00	380	508
174157.00	380	319
174158.00	380	319
174159.00	380	662

Catalog No.	Page #	List $
174160.00	380	662
174161.00	380	662
174162.00	380	836
174163.00	380	836
174164.00	380	836
174165.00	380	1,010
174166.00	380	1,010
174167.00	380	1,010
174174.00	376	75
174175.00	376	108
174176.00	376	175
174177.00	376	255
174178.00	376	194
174179.00	376	194
174180.00	376	194
174181.00	376	274
174182.00	376	274
174183.00	376	274
174184.00	376	441
174185.00	376	480
174186.00	381	181
174187.00	381	203
174188.00	381	242
174189.00	379	883
174190.00	379, 381	195
174191.00	381	262
174192.00	376	424
174193.00	376	424
174194.00	381	213
174263.00	375	484
174264.00	375	525
174265.00	375	697
174266.00	375	791
174267.00	375	447
174268.00	375	471
174270.00	375	525
174271.00	375	632
174272.00	375	744
174273.00	375	874
174274.00	375	447
174276.00	375	497
174277.00	375	591
174278.00	375	674
174279.00	375	747
174280.00	375	1,316
174281.00	375	600
174282.00	375	640
174283.00	375	695
174284.00	375	743
174285.00	375	1,264
174286.00	375	813
174287.00	375	974
174288.00	375	952
174290.00	375	1,338
174291.00	375	1,506
174292.00	375	2,406
174293.00	375	1,780
174298.00	359	1,157
174299.00	359	1,157
174307.00	356	447
174308.00	356	611
174311.00	357	248
174314.00	357	74
174316.00	356	100
174341.00	141	394
174342.00	141	336
174343.00	141	336
174344.00	141	242
174345.00	141	150
174346.00	141	150
174347.00	141	150
174348.00	141	150
174400.00	380	328
174401.00	380	381
174402.00	380	517
174403.00	380	675
174404.00	380	853
174405.00	380	1,030
174406.00	380	328
174407.00	380	381
174408.00	380	517
174409.00	380	675

Leeson Catalog Number Index

Motors, Sub-FHP Gearmotors, Drives and Accessories

Catalog No.	Page #	List $
174410.00	380	853
174411.00	380	1,030
174412.00	380	381
174413.00	380	517
174414.00	380	675
174415.00	380	853
174416.00	380	1,030
174417.00	380	441
174418.00	380	441
174419.00	380	441
174422.00	359	385
174429.00	373	3,090
174430.00	373	3,791
174431.00	373	3,030
174432.00	373	3,711
174433.00	373	4,417
174434.00	373	3,343
174435.00	373	4,087
174436.00	373	4,836
174438.00	373	1,999
174439.00	373	2,387
174440.00	373	1,999
174441.00	373	2,387
174442.00	373	2,154
174443.00	373	2,552
174444.00	373	1,746
174445.00	373	1,119
174446.00	373	1,462
174447.00	373	1,530
174448.00	373	1,659
174452.00	373	711
174453.00	373	743
174454.00	373	798
174455.00	373	735
174456.00	373	863
174457.00	373	953
174458.00	373	1,136
174459.00	373	828
174460.00	373	891
174461.00	373	975
174462.00	373	1,075
174463.00	373	1,200
174464.00	373	953
174475.00	366	1,880
174482.00	364	1,750
174491.00	373	1,142
174492.00	373	992
174493.00	373	949
174494.00	373	1,050
174495.00	373	1,272
174497.00	373	1,356
174500.00	373	5,133
174510.00	364	12,997
174511.00	364	11,626
174512.00	364	11,132
174513.00	364	10,018
174515.00	366	2,076
174517.00	366	2,674
174519.00	366	1,826
174520.00	366	2,030
174521.00	366	2,176
174525.00	366	2,288
174526.00	366	2,399
174527.00	365	1,867
174528.00	365	2,003
174529.00	365	2,096
174530.00	365	2,222
174531.00	365	2,334
174532.00	365	2,200
174533.00	365	2,494
174534.00	365	2,674
174535.00	365	3,053
174536.00	365	2,391
174537.00	365	2,669
174538.00	365	2,887
174539.00	365	3,267
174545.00	363	2,481
174549.00	364	3,808
174551.00	363	3,211
174552.00	363	3,482
174553.00	363	3,889

Catalog No.	Page #	List $
174554.00	364	4,296
174556.00	364	4,996
174557.00	363	4,237
174558.00	363	4,471
174559.00	363	5,134
174560.00	363	5,749
174561.00	363	5,932
174562.00	363	6,521
174563.00	363	6,994
174564.00	363	7,701
174565.00	363	7,615
174567.00	363	8,776
174569.00	363	6,964
174571.00	363	8,356
174572.00	363	11,753
174573.00	363	12,982
174574.00	364	13,090
174575.00	364	14,538
174576.00	363	12,871
174578.00	363	18,187
174580.00	363	14,899
174581.00	364	16,159
174582.00	363	18,117
174583.00	364	19,517
174584.00	363	20,356
174585.00	364	22,176
174586.00	363	27,770
174593.00	363	10,697
174594.00	363	11,604
174595.00	364	9,156
174596.00	364	9,702
174597.00	364	9,615
174598.00	363	8,625
174599.00	363	9,567
174603.00	368	555
174604.00	368	570
174605.00	368	636
174606.00	368	505
174607.00	368	531
174608.00	368	561
174609.00	368	625
174610.00	368	679
174611.00	368	860
174612.00	369	598
174613.00	369	642
174614.00	369	807
174615.00	369	963
174616.00	369	1,286
174617.00	369	1,588
174618.00	369	2,468
174619.00	369	3,034
174620.00	369	613
174621.00	369	658
174622.00	369	713
174623.00	369	761
174624.00	369	896
174625.00	369	1,014
174626.00	369	1,284
174627.00	369	1,586
174628.00	369	2,475
174629.00	369	3,043
174630.00	369	3,776
174631.00	369	758
174632.00	369	845
174633.00	369	977
174634.00	369	1,104
174635.00	369	1,378
174636.00	369	1,700
174637.00	369	2,727
174638.00	369	3,512
174639.00	369	4,067
174651.00	368	801
174652.00	371	737
174653.00	371	840
174654.00	371	1,022
174655.00	371	663
174656.00	371	710
174657.00	371	831
174658.00	371	901
174659.00	371	1,078
174660.00	371	1,339

Catalog No.	Page #	List $
174661.00	371	1,801
174662.00	371	2,273
174663.00	371	924
174664.00	371	1,093
174665.00	371	1,264
174666.00	371	1,563
174667.00	371	1,978
174668.00	371	2,357
174671.00	371	794
174672.00	371	854
174673.00	371	924
174674.00	371	1,007
174675.00	371	1,148
174676.00	371	1,423
174677.00	371	1,792
174678.00	371	2,142
174693.00	381	152
174694.00	358	166
174695.00	358	166
174696.00	358	289
174697.00	381	157
174699.00	371	3,204
174700.00	371	4,368
174701.00	371	3,091
174702.00	371	4,141
174703.00	371	5,182
174704.00	371	5,979
174709.00	356	1,169
174710.00	369	6,846
174711.00	369	8,330
174729.00	366	1,991
174730.00	364	2,466
174732.00	365	3,250
174734.00	364	3,421
174735.00	365	4,000
174737.00	364	4,316
174738.00	365	4,989
174740.00	364	5,204
174741.00	365	6,096
174743.00	364	6,682
174747.00	365	5,128
174749.00	364	5,353
174750.00	365	6,137
174752.00	364	6,863
174753.00	365	7,575
174755.00	364	7,924
174757.00	364	8,661
174759.00	365	4,417
174761.00	365	5,668
174763.00	364	6,035
174764.00	365	6,808
174766.00	364	7,347
174767.00	365	8,231
174769.00	364	8,762
174914.00	363	1,123
174915.00	363	1,179
174916.00	363	1,235
174917.00	363	1,320
174918.00	363	1,419
174919.00	363	1,677
174920.00	363	1,414
174921.00	363	1,551
174922.00	363	1,677
174923.00	363	1,887
174925.00	363	1,568
174926.00	363	1,733
174927.00	363	1,914
174928.00	363	2,088
174929.00	363	2,552
174930.00	362	1,060
174931.00	362	1,289
174932.00	362	1,428
174933.00	362	1,362
174934.00	362	1,499
174935.00	364	1,590
174936.00	364	1,727
174937.00	364	1,849
174938.00	364	2,001
174939.00	364	1,945
174940.00	364	2,146
174941.00	364	2,300

Catalog No.	Page #	List $
174942.00	364	2,542
174943.00	364	2,116
174944.00	364	2,360
174945.00	364	2,574
174946.00	364	2,771
174991.00	369	4,483
174992.00	369	4,984
174996.00	366	1,478
174997.00	362	1,278
174998.00	366	1,613
174999.00	366	1,766
175000.00	383	59
175003.00	118, 389	55
175004.00	118, 127, 389	64
175024.00	389	99
175026.00	392, 304	106
175032.00	393	83
175033.00	393	83
175034.00	393	99
175035.00	393	99
175036.00	393	128
175037.00	393	128
175038.00	393	158
175039.00	393	158
175040.00	393	241
175041.00	393	241
175042.00	393	262
175043.00	393	262
175044.00	393	346
175045.00	393	346
175046.00	393	456
175047.00	393	456
175048.00	393	820
175049.00	393	820
175050.60	388	329
175051.60	388	442
175052.60	388	772
175053.60	388	806
175054.60	388	1,204
175055.60	388	1,311
175056.60	388	1,485
175058.60	386	405
175059.60	386	525
175060.60	386	878
175061.60	386, 387	405
175062.60	386, 387	525
175063.60	386	878
175066.60	386	191
175067.60	386	292
175068.60	386	191
175075.00	383	70
175076.00	383	70
175077.00	383	70
175080.00	303	39
175082.00	303	50
175088.00	393	1,015
175089.00	393	1,015
175090.00	393	1,119
175091.00	393	84
175092.00	393	122
175093.00	393	144
175094.00	393	202
175095.00	393	269
175097.00	393	341
175098.00	393	456
175101.00	382	269
175106.00	296, 310	82
175107.00	296, 310	82
175108.00	296, 310	82
175109.00	310, 296	82
175114.60	382	441
175115.60	382	441
175116.60	382	565
175118.60	382	675
175119.60	382	675
175120.60	382	865
175121.60	382	865
175127.00	393	583
175129.00	296, 310	82
175130.00	296, 310	200
175137.00	296, 310	200
175142.00	296, 310	66

Catalog No.	Page #	List $
175143.00	296, 310	66
175144.00	296, 310	72
175145.00	296, 310	78
175146.00	296, 310	50
175156.00	303	293
175157.00	303	308
175158.00	303	600
175159.00	303	684
175180.00	383	59
175181.00	383	70
175182.00	303	50
175191.60	386, 387	292
175192.60	382	565
175199.60	386, 387	1,154
175290.00	358	535
175291.00	358	652
175292.00	358	652
175294.00	383	84
175297.00	383	59
175298.00	118, 389	55
175302.00	393	1,119
175303.00	383	150
175304.00	383	150
175305.00	124, 127, 389, 390	113
175310.00	361	499
175311.00	361	632
175320.00	361	393
175321.00	361	393
175322.00	361	488
175323.00	361	483
175326.00	361	888
175454.60	386	525
175455.60	382	1,171
175558.00	390	3,679
175563.00	278	712
175564.00	278	712
175565.00	278	712
175566.00	278, 151	1,253
175567.00	151, 278	1,253
175568.00	151, 278	1,253
175569.00	278	816
175570.00	278	816
175571.00	278	816
175572.00	151, 278	1,348
175573.00	151, 278	1,348
175574.00	151, 278	1,348
175575.00	278	855
175576.00	278	855
175577.00	278	855
175578.00	278	1,427
175579.00	278	1,427
175580.00	278	1,427
175581.00	278	977
175582.00	278	1,660
175583.00	278	3,475
175584.00	278	4,492
175585.00	278	3,634
175586.00	278	4,579
175587.00	278	3,988
175588.00	278	4,750
175589.00	278	4,414
175590.00	278	5,304
175593.00	179, 293, 317	184
175594.00	179, 293, 317	222
175595.00	293, 317, 179	346
175596.00	179, 293, 317	140
175597.00	179, 293, 317	140
175598.00	179, 293, 317	381
175599.00	179, 293, 317	346
175601.60	386	878
175602.60	382	1,273
175603.60	387, 386	878
175604.60	382	1,273
175605.60	386	1,154
175606.60	386	1,263
175607.60	382	1,640
175608.60	382	1,640
175614.00	124, 127, 389	80
175615.00	276	721
175619.60	290	785
175641.00	391	2,487
175642.00	391	2,487

Catalog No.	Page #	List $
175643.00	391	2,487
175644.00	391	2,487
175645.00	391	2,487
175646.00	383	59
175647.00	383	59
175649.00	392	98
175657.60	382	1,020
175658.60	382	299
175661.00	383	59
175663.60	388	226
175664.60	387, 386	1,263
175665.60	392	102
175666.60	392	66
175667.60	392	43
175668.60	392	39
175674.00	390	972
175675.00	390	1,015
175676.00	390	1,090
175677.00	390	1,309
175678.00	390	1,396
175684.00	391	1,511
175685.00	391	1,511
175686.00	391	2,439
175687.00	391	2,439
175691.00	383, 384, 388	84
175693.00	383	160
175694.00	382	282
175695.00	389	191
175696.00	276	1,771
175697.00	276	2,007
175698.00	276	1,771
175699.00	276	2,007
175710.60	276	328
175711.60	276	465
175720.00	357	1,276
175721.00	357	823
175722.00	357	143
175755.00	392	110
175762.00	276	721
175763.00	276	829
175764.00	276	949
175765.00	276	721
175766.00	276	829
175767.00	276	949
175768.00	276	721
175769.00	276	829
175770.00	276	949
175771.00	277, 151	1,393
175772.00	151, 277	1,468
175773.00	151, 277	1,547
175775.00	390	867
175778.00	389	99
175784.00	296, 310	78
175787.00	387	201
175788.00	387	300
175789.00	387	359
175790.00	387	425
175791.00	387	555
175792.00	389	64
175794.00	387	642
175795.00	387	1,011
175796.00	387	886
175797.00	387	1,129
175802.00	303	50
175804.60	386	191
175805.60	386, 387	191
175807.60	382	299
175810.60	290	142
175811.60	290	151
175812.60	290	201
175817.60	290	125
175818.60	290	137
175819.60	290	184
175827.60	290	151
175828.60	290	201
175829.60	290	379
175830.60	290	441
175831.60	290	613
175832.60	290	137
175833.60	290	184
175834.60	290	352
175844.00	383	160

Leeson Catalog Number Index

Motors, Sub-FHP Gearmotors, Drives and Accessories

Catalog No.	Page #	List $
175845.00	383	160
175846.00	124, 127, 389	113
175847.00	392	118
175849.00	389	113
175850.00	290	74
175850.30	290	74
175851.00	290	66
175851.30	290	66
175852.00	290	87
175852.30	290	87
175853.00	290	71
175853.30	290	71
175854.00	290	97
175854.30	290	97
175855.00	290	81
175855.30	290	81
175856.00	290	100
175856.30	290	100
175857.00	290	89
175857.30	290	89
175869.60	387, 386	191
175871.00	388	248
175872.00	388	138
175873.00	388	356
175874.00	388	356
175875.00	388	835
175879.00	390	2,897
175880.00	390	3,215
175881.00	392	18
175890.60	290	441
175891.60	388	1,485
175892.00	392	81
175893.00	350	45
175894.00	388	835
175895.00	390	972
175896.00	390	1,015
175897.00	391	1,764
175898.00	391	1,764
175900.00	291	64
175901.00	291	71
175902.00	291	81
175903.00	291	84
175932.00	124, 127, 390	35
175933.00	124, 127, 390	39
175955.60	382	1,020
175956.60	382	1,416
175957.60	382	1,416
175958.60	387, 386	1,397
175959.60	382	441
175960.00	391	1,218
175961.00	389	74
175962.00	127, 389	113
175963.00	127, 389	144
175969.00	383	59
175990.60	290	354
175991.60	290	352
175994.60	290	613
175995.60	290	785
176002.00	390	3,215
176004.60	387, 386	1,360
176024.00	385	191
176025.00	385	191
176026.00	385	292
176027.00	385	292
176028.00	385	405
176029.00	385	405
176030.00	385	525
176031.00	385	525
176032.00	385	717
176033.00	385	717
176034.00	385	903
176035.00	385	903
176036.00	385	1,263
176037.00	385	1,263
176038.00	385	1,397
176039.00	385	1,397
176044.60	389	169
176045.60	389	241
176046.60	389	325
176047.60	389	443
176048.60	389	538

Catalog No.	Page #	List $
176049.60	389	721
176050.60	389	721
176051.60	389	819
176052.60	389	881
176053.60	389	443
176054.60	389	819
176055.60	389	881
176056.00	387	1,944
176057.00	387	1,944
176058.00	387	1,944
176059.00	387	1,944
176064.00	385	81
176065.00	385	128
176066.00	385	263
176067.00	385	263
176068.00	385	407
176069.00	385	407
176070.00	385	525
176071.00	385	525
176072.00	385	706
176073.00	385	706
176074.00	385	654
176075.00	385	654
176076.00	385	1,146
176077.00	385	1,193
191200.00	168	685
191200.40	168	685
191201.00	168	767
191201.40	168	767
191202.00	169	761
191202.40	169	761
191203.00	168	701
191203.40	168	701
191204.00	168	791
191204.40	168	791
191205.00	169	778
191205.40	169	778
191206.00	168	770
191206.40	168	770
191207.00	168	910
191207.40	168	910
191208.00	169	908
191208.40	169	908
191209.00	168	904
191211.00	168	949
191213.00	169	946
191215.00	168	996
191217.00	168	989
191219.00	169	987
191221.00	168	1,104
191223.00	168	1,130
191225.00	169	1,124
191290.00	169	946
191290.40	169	946
191291.00	168	949
191291.40	168	949
191414.00	168	860
191414.40	168	860
191415.00	168	989
191415.40	168	989
191417.00	168	1,035
191419.00	169	849
191419.40	169	849
191420.00	169	987
191420.40	169	987
191421.00	169	1,032
191474.00	167	715
191475.00	167	806
191476.00	167	787
191477.00	167	930
191478.00	167	924
191479.00	167	971
191480.00	167	1,017
191481.00	167	1,014
191482.00	167	1,311
191483.00	167	1,286
191486.00	168	1,127
191487.00	168	1,183
191488.00	168	1,245
191489.00	168	1,233
191490.00	168	1,490

Catalog No.	Page #	List $
191491.00	168	1,463
191492.00	168	1,599
191507.00	169	778
191508.00	169	908
191528.00	168	1,039
191742.00	253	522
191743.00	253	586
191868.00	212	270
191869.00	212	291
191870.00	212	336
191872.00	214	270
191891.00	214	299
191892.00	214	335
191893.00	214	388
191908.00	214	270
191909.00	214	299
191910.00	214	296
191912.00	214	388
191949.00	168	791
191950.00	168	910
192010.00	282	273
192010.30	282	273
192011.00	282	284
192011.30	282	284
192012.00	282	485
192012.30	282	485
192014.00	284	314
192014.30	284	314
192015.00	284	325
192015.30	284	325
192016.00	284	555
192016.30	284	555
192017.00	286	307
192017.30	286	307
192018.00	286	319
192018.30	286	319
192019.00	286	555
192019.30	286	555
192020.00	282	314
192020.30	282	314
192021.00	282	332
192021.30	282	332
192022.00	282	518
192022.30	282	518
192024.00	284	362
192024.30	284	362
192025.00	284	374
192025.30	284	374
192026.00	284	599
192026.30	284	599
192027.00	286	359
192027.30	286	359
192028.00	286	363
192028.30	286	363
192029.00	286	599
192029.30	286	599
192030.00	282	341
192030.30	282	341
192031.00	282	346
192031.30	282	346
192032.00	282	542
192032.30	282	542
192034.00	284	373
192034.30	284	373
192035.00	284	385
192035.30	284	385
192036.00	284	619
192036.30	284	619
192037.00	286	364
192037.30	286	364
192038.00	286	379
192038.30	286	379
192039.00	286	619
192039.30	286	619
192040.00	282	356
192040.30	282	356
192041.00	282	376
192041.30	282	376
192042.00	282	580
192042.30	282	580
192044.00	284	393

Catalog No.	Page #	List $
192044.30	284	393
192045.00	284	418
192045.30	284	418
192046.00	284	658
192046.30	284	658
192047.00	286	385
192047.30	286	385
192048.00	286	413
192048.30	286	413
192049.00	286	658
192049.30	286	658
192050.00	282	403
192050.30	282	403
192051.00	282	412
192051.30	282	412
192054.00	284	433
192054.30	284	433
192055.00	284	454
192055.30	284	454
192057.00	286	422
192057.30	286	422
192058.00	286	443
192058.30	286	443
192060.00	282	447
192060.30	282	447
192064.00	284	492
192064.30	284	492
192067.00	286	482
192067.30	286	482
192088.00	288	273
192088.30	288	273
192089.00	288	284
192089.30	288	284
192097.00	288	319
192097.30	288	319
192098.00	288	332
192098.30	288	332
192106.00	288	341
192106.30	288	341
192107.00	288	346
192107.30	288	346
192115.00	288	356
192115.30	288	356
192116.00	288	376
192116.30	288	376
192124.00	288	403
192124.30	288	403
192125.00	288	412
192125.30	288	412
192133.00	288	447
192133.30	288	447
192200.00	282	696
192200.30	282	696
192201.00	284	797
192201.30	284	797
192202.00	282	526
192202.30	282	526
192203.00	284	577
192203.30	284	577
192204.00	286	566
192204.30	286	566
192205.00	282	567
192205.30	282	567
192206.00	284	647
192206.30	284	647
192207.00	286	630
192207.30	286	630
192208.00	282	548
192208.30	282	548
192209.00	282	790
192209.30	282	790
192210.00	284	630
192210.30	284	630
192211.00	284	890
192211.30	284	890
192212.00	286	797
192212.30	286	797
192213.00	286	615
192213.30	286	615
192214.00	287	890
192214.30	287	890

Catalog No.	Page #	List $
192230.00	288	457
192230.30	288	457
192231.00	288	477
192231.30	288	477
192232.00	288	492
192232.30	288	492
192233.00	288	685
192233.30	288	685
193300.60	282	945
193301.60	282	916
193302.60	282	1,328
193303.60	282	977
193304.60	282	994
193305.60	282	1,610
193306.60	282	1,255
193307.60	282	1,209
193308.60	282	1,861
193309.60	282	1,573
193310.60	282	1,573
193311.60	282	2,237
193312.60	283	1,683
193313.60	283	1,866
193314.60	283	2,901
193315.60	283	2,727
193316.60	283	2,727
193317.60	283	3,725
193318.60	283	3,198
193319.60	283	3,372
193320.60	283	5,222
193321.60	283	3,893
193322.60	283	4,285
193323.60	283	6,550
193324.60	283	4,627
193325.60	283	4,817
193326.60	283	7,420
193327.60	283	6,586
193328.60	283	7,091
193329.60	283	11,145
193330.60	283	8,638
193331.60	283	9,836
193332.60	283	15,624
193333.60	284	1,086
193334.60	284	1,053
193335.60	284	1,486
193336.60	285	1,116
193337.60	285	1,133
193338.60	285	1,817
193339.60	285	1,405
193340.60	285	1,361
193341.60	285	2,070
193342.60	285	1,775
193343.60	285	1,775
193344.60	285	2,448
193345.60	285	1,895
193346.60	285	2,077
193347.60	285	3,298
193348.60	285	3,125
193349.60	285	3,125
193350.60	285	4,122
193351.60	285	3,370
193352.60	285	3,554
193353.60	285	5,406
193354.60	285	4,052
193355.60	285	4,524
193356.60	285	4,844
193357.60	285	5,025
193358.60	286	1,086
193359.60	287	1,053
193360.60	287	1,486
193361.60	287	1,116
193362.60	287	1,133
193363.60	287	1,817
193364.60	287	1,405
193365.60	287	1,361
193366.60	287	2,070
193367.60	287	1,775
193368.60	287	1,775
193369.60	287	2,448
193370.60	287	1,895
193371.60	287	2,077
193372.60	287	3,298

Catalog No.	Page #	List $
193373.60	287	3,125
193374.60	287	3,125
193375.60	287	4,122
193376.60	287	3,572
193377.60	287	3,768
193378.60	287	4,294
193379.60	288	916
193380.60	288	977
193381.60	288	994
193382.60	288	1,255
193383.60	288	1,209
193384.60	288	1,573
193385.60	288	1,573
193386.60	288	1,683
193387.60	288	1,866
193388.60	289	2,727
193389.60	289	2,727
193390.60	289	3,198
193391.60	289	3,372
193392.60	289	3,893
193393.60	289	4,285
193394.60	289	4,627
193395.60	289	4,817
193396.60	289	6,586
193397.60	289	7,091
193398.60	289	8,638
193399.60	289	9,836
194118.00	131	3,584
194119.00	131	3,987
194120.00	131	4,065
194121.00	131	4,503
194122.00	131	4,656
194123.00	131	4,714
194124.00	131	5,889
194125.00	131	5,978
194126.00	131	6,877
194127.00	131	6,912
194128.00	79	1,974
199001.00	63	766
199002.00	64	923
199003.00	64	895
199004.00	64	836
199005.00	64	1,256
199006.00	65	995
199007.00	65	941
199008.00	65	1,559
199009.00	65	1,304
199010.00	65	1,238
199011.00	65	2,062
199012.00	66	1,522
199013.00	66	1,490
199014.00	66	2,518
199015.00	66	2,038
199016.00	66	1,914
199017.00	66	3,277
199018.00	66	2,476
199019.00	66	2,406
199020.00	66	3,753
199021.00	67	3,051
199022.00	67	2,811
199023.00	67	4,936
199024.00	67	3,563
199025.00	67	3,270
199026.00	67	5,295
199027.00	68	4,700
199028.00	68	4,301
199029.00	68	7,326
199030.00	68	5,364
199031.00	68	5,280
199032.00	68	8,327
199033.00	68	7,293
199034.00	68	7,205
199035.00	68	9,756
199036.00	69	9,058
199037.00	69	8,852
199038.00	69	11,485
199039.00	69	10,989
199040.00	69	10,819
199041.00	69	16,936
199042.00	69	15,350
199043.00	69	15,163

Leeson Catalog Number Index

Motors, Sub-FHP Gearmotors, Drives and Accessories

Catalog No.	Page #	List $
199044.00	69	17,673
199045.00	70	18,855
199046.00	70	17,805
199047.00	70	22,471
199048.00	70	22,017
199049.00	70	21,655
199050.00	70	23,932
199051.00	78	813
199052.00	78	766
199053.00	78	943
199054.00	78	852
199055.00	78	1,159
199056.00	78	1,105
199057.00	79	1,295
199058.00	79	1,256
199059.00	79	2,142
199060.00	79	2,063
199061.00	79	2,526
199062.00	79	2,468
199063.00	79	3,188
199064.00	79	2,938
199065.00	80	3,666
199066.00	80	3,529
199067.00	80	4,875
199068.00	80	4,502
199069.00	80	5,978
199070.00	80	5,527
199071.00	80	7,927
199072.00	80	7,546
199073.00	80	9,275
199074.00	80	9,092
199075.00	81	11,996
199076.00	81	10,918
199082.00	74	886
199083.00	74	876
199084.00	74	983
199085.00	74	955
199086.00	74	1,383
199087.00	74	1,210
199088.00	74	1,461
199089.00	74	1,423
199090.00	126	1,700
199091.00	126	2,249
199092.00	130	1,308
199093.00	130	1,210
199094.00	130	1,377
199095.00	130	1,383
199096.00	131	1,684
199097.00	123	1,047
199589.00	126	1,029
199590.00	126	1,162
199685.00	46	747
199686.00	47	760
199687.00	47	660
199688.00	47	1,042
199689.00	47	696
199690.00	47	743
199691.00	47	1,213
199692.00	47	856
199693.00	47	961
199694.00	47	1,517
199695.00	48	1,098
199696.00	48	1,135
199697.00	48	1,891
199698.00	48	1,608
199699.00	48	1,840
199700.00	48	2,490
199701.00	48	1,853
199702.00	48	1,945
199703.00	48	3,034
199704.00	48	2,359
199705.00	48	2,295
199706.00	48	3,614
199707.00	48	2,918
199708.00	48	2,648
199709.00	48	4,236
199710.00	49	3,512
199711.00	49	3,328
199712.00	49	5,437
199713.00	49	4,281
199714.00	49	3,966

Catalog No.	Page #	List $
199715.00	49	6,259
199716.00	49	5,123
199717.00	49	4,715
199718.00	49	7,532
199719.00	49	6,768
199720.00	49	5,647
199721.00	49	9,258
199722.00	49	8,282
199723.00	49	7,363
199724.00	49	11,493
199725.00	50	9,909
199726.00	50	9,320
199727.00	50	15,081
199728.00	50	11,594
199729.00	50	12,512
199730.00	50	15,507
199731.00	50	18,035
199732.00	50	15,700
199733.00	50	19,773
199735.00	54	765
199736.00	54	804
199737.00	54	899
199738.00	54	976
199739.00	54	1,125
199740.00	54	1,302
199741.00	54	1,320
199742.00	54	1,841
199743.00	54	2,146
199744.00	54	2,323
199745.00	54	2,577
199746.00	55	2,724
199747.00	55	2,996
199748.00	55	3,351
199749.00	55	3,619
199750.00	55	4,022
199751.00	55	4,214
199752.00	55	4,894
199753.00	55	4,846
199754.00	55	5,865
199755.00	55	6,502
199756.00	55	7,711
199758.00	55	9,433
199759.00	55	9,270
199763.00	126	1,230
199765.00	126	1,327
199766.00	128	990
199767.00	128	1,014
199768.00	128	1,380
199769.00	128	1,342
199770.00	123	908
199772.00	123	1,022
199773.00	124	1,309
199775.00	126	1,521
199777.00	126	1,717
199779.00	129	1,601
199780.00	129	1,784
199781.00	129	2,043
199782.00	129	2,199
199783.00	124	1,670
199784.00	124	1,572
199785.00	124	1,906
199786.00	124	1,962
199787.00	131	1,755
199788.00	131	1,931
199789.00	131	1,901
199816.00	55	6,850
199964.00	126	2,470
199965.00	126	3,040
199966.00	126	3,661
199967.00	126	3,692
199968.00	126	4,234
199969.00	127	4,280
199970.00	127	4,745
199971.00	127	4,807
199972.00	127	5,512
199973.00	127	5,771
199974.00	127	5,878
199975.00	129	3,137
199976.00	129	3,175
199977.00	129	3,413
199978.00	129	3,987

Catalog No.	Page #	List $
199979.00	129	4,065
199980.00	129	4,504
199981.00	129	4,302
199982.00	129	4,714
199983.00	129	5,574
199985.00	129	5,918
199986.00	129	6,695
199987.00	124	3,519
199988.00	124	3,040
199989.00	124	3,655
199990.00	124	3,246
199991.00	124	4,235
199992.00	124	3,953
199993.00	124	4,746
199994.00	124	4,284
199995.00	124	5,512
199996.00	124	5,203
199997.00	124	5,799
199998.00	131	3,137
199999.00	131	3,175
6439191250	255	442
6439191251	255	478
6439191252	255	520
6439191253	255	606
6439191260	255	428
6439191261	255	465
6439191262	255	507
6439191263	255	592
6439191264	255	668
810001.00	88	11,272
810003.00	88	13,261
810005.00	88	14,594
810007.00	88	6,071
810011.00	88	7,566
810015.00	88	8,331
810019.00	88	10,537
810023.00	88	12,429
810027.00	88	15,997
810031.00	88	19,182
810066.00	88	4,455
810068.00	88	9,409
810087.00	88	23,369
810096.00	88	17,599
810097.00	88	21,097
810098.00	88	23,405
810099.00	88	28,517
810140.00	87	3,716
810157.00	87	3,145
810503.00	88	39,580
810546.00	87	1,766
810547.00	87	1,691
810548.00	87	1,535
811320.00	87	2,110
811322.00	87	2,338
811367.00	88	32,422
811369.00	88	29,471
811371.00	88	33,437
811516.00	88	52,438
811529.00	88	66,471
811530.00	88	81,079
811541.00	97	944
811542.00	97	1,170
811543.00	97	1,083
811544.00	97	1,228
811545.00	97	1,135
811546.00	97	1,778
811547.00	97	1,508
811548.00	97	1,910
811549.00	97	1,760
811550.00	97	2,255
811551.00	97	2,135
811552.00	97	2,636
811553.00	97	2,585
811554.00	97	3,267
811555.00	97	3,106
811556.00	97	4,036
811557.00	97	3,862
811558.00	97	5,010
811559.00	97	4,576
811560.00	97	6,151
811561.00	97	5,575

Leeson Catalog Number Index

Motors, Sub-FHP Gearmotors, Drives and Accessories

Catalog No.	Page #	List $
811562.00	97	8,168
811563.00	97	7,632
811564.00	97	10,525
811565.00	97	9,138
811566.00	97	12,659
811567.00	97	12,047
811568.00	97	15,963
811569.00	97	15,478
811570.00	97	21,621
811571.00	97	18,877
811586.00	97	24,614
811587.00	97	22,918
811588.00	97	29,567
811589.00	97	25,409
811590.00	97	37,403
811591.00	97	30,902
811592.00	97	47,171
811593.00	97	44,586
811594.00	97	45,479
811595.00	97	70,116
811596.00	97	57,811
811639.00	90	7,697
811640.00	90	8,583
824528.00	225	1,296
824529.00	225	1,416
824530.00	225	1,787
824531.00	225	2,047
824532.00	225	2,640
824533.00	225	3,105
824534.00	225	3,692
824535.00	225	4,305
824536.00	225	5,581
824537.00	225	7,029
824538.00	225	9,837
824539.00	225	12,246
824540.00	225	15,164
824541.00	225	19,522
824542.00	225	23,246
824543.00	225	27,746
824544.00	225	26,812
825071.00	108	1,964
825072.00	108	2,949
825073.00	108	2,920
825074.00	108	3,097
825075.00	108	3,074
825076.00	108	3,918
825077.00	108	4,591
825078.00	108	5,263
825079.00	108	5,235
825080.00	108	5,449
825081.00	108	5,390
825082.00	108	6,124
825083.00	108	7,958
825084.00	108	9,794
825085.00	109	1,746
825086.00	109	1,840
825087.00	109	1,809
825088.00	109	2,823
825089.00	109	2,791
825090.00	109	2,962
825091.00	109	2,949
825092.00	109	3,994
825093.00	109	3,978
825094.00	109	4,185
825095.00	109	4,153
825096.00	109	5,400
825097.00	109	4,851
825098.00	109	5,510
825099.00	109	5,465
825100.00	109	7,620
825101.00	109	7,341
825102.00	109	9,586
825103.00	109	9,524
825104.00	109	13,696
825105.00	109	13,114
825106.00	109	15,827
825107.00	109	15,624
825108.00	109	21,410
825109.00	109	19,037
825110.00	109	29,555
825111.00	109	24,834

Catalog No.	Page #	List $
825112.00	109	34,592
825113.00	109	28,943
825114.00	109	42,213
825115.00	109	34,208
825125.00	108	1,840
825126.00	108	1,840
825127.00	108	1,964
850788.00	140	4,752
850789.00	140	3,651
850790.00	140	5,157
850791.00	140	4,148
850792.00	140	5,296
850793.00	140	4,702
850794.00	140	5,923
850795.00	140	4,979
850796.00	141	6,619
850797.00	141	5,172
850798.00	141	6,929
850799.00	141	6,315
850820.00	140	4,690
850821.00	140	4,594
850822.00	140	4,752
850823.00	140	3,651
850824.00	140	3,651
850825.00	140	3,651
850826.00	140	5,096
850827.00	140	4,999
850828.00	140	5,157
850829.00	140	4,148
850830.00	140	4,148
850831.00	140	4,148
850832.00	140	5,235
850833.00	140	5,027
850834.00	140	5,296
850835.00	140	4,702
850836.00	140	4,702
850837.00	140	4,702
850838.00	140	5,862
850839.00	140	5,766
850840.00	140	5,923
850841.00	140	4,979
850842.00	140	4,979
850843.00	140	4,979
850844.00	141	6,557
850845.00	141	6,461
850846.00	141	6,619
850847.00	141	5,172
850848.00	141	5,172
850849.00	141	5,172
850850.00	141	6,868
850851.00	141	6,771
850852.00	141	6,929
850853.00	141	6,315
850854.00	141	6,315
850855.00	141	6,315
851034.00	193	3,729
900282.01	359	51
970.576	299, 315	222
970.577	299, 315	228
970.600	299, 315	222
970.601	299, 315	222
970.620	299, 315	240
970.621	299, 315	240
980.143	299, 315	192
980.159	299, 315	192
980.549	299, 315	184
A009580.00	201, 222	505
A009581.00	201, 222	535
A009594.00	201, 222	664
A009595.00	201, 222	737
A009644.00	211	801
A009782.00	201, 222	557
A090405.00	213	336
A090585.00	213	413
A090602.00	213	320
A099250.00	211	474
A099251.00	211	478
A099260.00	190, 218	368
A099261.00	190, 218	434
A099460.00	201, 221	377
A099461.00	201, 221	403

Catalog No.	Page #	List $
A099462.00	201, 221	440
A099836.00	190, 217	495
A099847.00	190, 218	642
A099899.00	201, 221	349
A099900.00	201, 221	372
A099901.00	201, 221	413
A099946.00	190, 218	450
E100006.00	17, 23	485
E100007.00	17, 23	532
E100014.00	28, 205	541
E100015.00	28, 205	558
E100016.00	28, 205	643
E100023.00	20, 24	457
E100024.00	20, 24	531
E100025.00	20, 24	549
E100027.00	45, 56	412
E100056.00	51, 57	464
E100145.00	207	534
E100146.00	207	572
E100184.00	17, 23	410
E100210.00	59, 207	457
E100336.00	17, 23	381
E100337.00	17, 23	421
E100338.00	17, 23	532
E100340.00	17, 23	503
E100354.00	20, 24	401
E100356.00	20, 24	436
E100357.00	20, 24	532
E100375.00	51, 57	430
E100378.00	51, 57	468
E100446.00	45, 56	443
E100600.00	53, 57	493
E101447.00	45, 56	423
E101448.00	45, 56	455
E101449.00	45, 56	464
E101651.00	22, 24	531
E102695.00	51, 57	443
E102971.00	53, 57	497
E103014.00	51, 57	414
E103017.00	45, 56	449
E103021.00	53, 57	465
E103023.00	22, 24	457
E103024.00	22, 24	401
E103025.00	22, 24	550
E110001.00	17, 23	659
E110002.00	17, 23	997
E110003.00	17, 23	1,040
E110004.00	18, 23	706
E110005.00	18, 23	916
E110027.00	45, 56	741
E110028.00	45, 56	775
E110052.00	59, 207	720
E110111.00	51, 57	478
E110220.00	20, 24	714
E110360.00	18, 23	541
E110361.00	18, 23	754
E110363.00	18, 23	989
E110381.00	20, 24	1,019
E110382.00	20, 24	1,096
E110384.00	20, 24	579
E110387.00	21, 24	786
E110388.00	21, 24	919
E110390.00	21, 24	1,014
E110425.00	45, 56	702
E110426.00	46, 56	471
E110433.00	59, 207	773
E110434.00	51, 57	755
E110437.00	51, 57	716
E113027.00	28, 205	693
E113293.00	47, 56	811
E113633.00	205	1,032
E113894.00	52, 57	796
E113930.00	22, 24	1,019
E113932.00	22, 24	635
E114194.00	59, 207	737
E114196.00	59, 207	814
E114197.00	59, 207	849
E114218.00	53, 57	808
E114420.00	52, 57	827
E114934.00	51, 57	507
E115825.00	46, 56	699

Leeson Catalog Number Index

Motors, Sub-FHP Gearmotors, Drives and Accessories

Catalog No.	Page #	List $
E115826.00	47, 56	792
E115827.00	46, 56	597
E116728.00	51, 57	791
E116738.00	45, 56	488
E116740.00	51, 57	736
E116741.00	51, 57	768
E116742.00	52, 57	864
E116752.00	46, 56	670
E116753.00	46, 56	663
E116754.00	46, 56	699
E116755.00	47, 56	781
E116756.00	47, 56	792
E116762.00	53, 57	520
E116763.00	53, 57	744
E116764.00	53, 57	770
E116765.00	53, 57	871
E116769.00	22, 24	549
E116770.00	22, 24	532
E116771.00	22, 24	1,096
E116784.00	53, 57	501
E116785.00	53, 57	731
E119348.00	17, 23	614
E119349.00	20, 24	635
E119350.00	22, 24	436
E119351.00	45, 56	482
E119352.00	51, 57	500
E119353.00	53, 57	514
E119360.00	59	534
E119361.00	59	572
E175921.00	89, 391	3,406
E175922.00	89, 391	2,188
E175923.00	89, 391	2,188
E175924.00	89, 391	2,188
E175925.00	89, 391	2,188
E175927.00	89, 391	3,406
E175928.00	89, 391	2,188
E175929.00	89, 391	2,188
E175930.00	89, 391	2,188
E175931.00	89, 391	2,188
ECB175926.00	89, 391	243
EX120024.00	269	506
EX120037.00	269	520
EX120038.00	269	557
EX121035.00	269	737
EX131491.00	269	707
EX131492.00	269	809
EX131528.00	269	1,040
EX131606.00	269	1,040
EX140109.00	269	1,246
EX151346.60	269	1,127
EX151348.60	269	1,327
EX151350.60	269	1,884
EX151352.60	269	2,375
EX151507.60	269	2,992
EX151508.60	269	3,597
EX151509.60	269	4,601
EX151510.60	269	5,308
EX151519.60	269	7,977
EXG120014.00	268	521
EXG120015.00	268	527
EXG120016.00	268	557
EXG120086.00	268	575
EXG120088.00	268	661
EXG120185.00	268	757
EXG120276.00	269	640
EXG121286.00	269	612
EXG121287.00	269	611
EXG130008.00	268	659
EXG130027.00	268	760
EXG130099.00	268	810
EXG130101.00	268	933
EXG130103.00	268	1,067
EXG130326.00	269	794
EXG130328.00	269	911
EXG131082.00	268	1,039
EXG140147.00	269	1,276
EXG140183.00	269	1,090
EXG140489.00	268	1,102
EXG140578.00	268	1,017
EXG140686.00	268	1,367
EXG140687.00	268	1,715

Catalog No.	Page #	List $
EXG150007.60	268	2,286
EXG150011.60	268	2,690
EXG150015.60	268	3,271
EXG150019.60	268	4,223
EXG150023.60	268	5,206
EXG150027.60	268	7,602
EXG150031.60	268	8,776
EXG150033.60	268	2,454
EXG150035.60	268	2,964
EXG150062.60	268	1,804
EXG150066.60	268	1,858
EXG150080.60	269	2,375
EXG150081.60	269	3,063
EXG150082.60	269	3,386
EXG150083.60	269	4,620
EXG150084.60	269	5,356
EXG150085.60	269	8,078
EXG150086.60	269	10,246
EXG150087.60	268	11,790
EXG150102.60	269	1,946
EXG150140.60	268	1,178
EXG150157.60	268	1,047
EXG150158.60	268	1,161
EXG150159.60	268	1,349
EXG150165.60	269	1,152
EXG150167.60	269	1,357
EXG150299.60	268	879
EXG150352.60	268	22,389
EXG151317.60	268	1,802
EXG151318.60	268	2,891
EXG151320.60	268	849
EXG151322.60	268	901
EXG151369.60	268	15,653
EXG151371.60	268	17,563
EXG151563.60	268	870
EXG151565.60	269	920
EXG151566.60	269	1,010
EXG151680.60	269	12,816
EXG151696.60	268	559
EXG151698.60	268	617
EXG151702.60	268	565
EXG151703.60	268	600
EXG151704.60	268	709
G120024.00	73	607
G120032.00	238	587
G120034.00	238	621
G120035.00	52	654
G120037.00	73	634
G120038.00	73	651
G120047.00	238	579
G120061.00	73	729
G120081.00	51	599
G120082.00	51	770
G120098.00	73	753
G120105.00	73	661
G120172.00	51	559
G120176.00	233	569
G120177.00	233	616
G120178.00	233	657
G120329.00	272	1,608
G120330.00	272	1,646
G120370.00	271	1,468
G120371.00	271	1,666
G120762.00	146	1,123
G120987.00	146	1,326
G120993.00	74	825
G121050.00	272	2,045
G121051.00	273	1,684
G121052.00	273	1,735
G121053.00	272	1,519
G121054.00	272	1,708
G121178.00	107	1,371
G121187.00	52	702
G121350.00	165	1,053
G121351.00	165	1,195
G121525.00	173	1,557
G121527.00	173	1,889
G121557.00	273	1,505
G121560.00	173	1,528
G121561.00	173	1,875
G121562.00	173	2,255

Catalog No.	Page #	List $
G121579.00	149	1,163
G121580.00	149	1,255
G121581.00	149	1,288
G121582.00	149	1,417
G121583.00	149	1,329
G121584.00	149	1,520
G121617.00	150, 274	2,457
G121618.00	150, 274	2,548
G121626.00	176	1,589
G121627.00	176	1,590
G121628.00	176	1,622
G121629.00	176	1,889
G121630.00	176	1,909
G121631.00	176	2,271
G121652.00	146	870
G121655.00	146	909
G121659.00	173	1,527
G121664.00	52	741
G121668.00	51	608
G121670.00	52	682
G121679.00	272	1,434
G121739.00	182	2,081
G121740.00	182	2,104
G121748.00	182	1,802
G121749.00	182	1,795
G121846.00	123	579
G121847.00	123	604
G121849.00	123	760
G121850.00	126	591
G121851.00	126	640
G121852.00	126	664
G121853.00	126	739
G121854.00	126	820
G121855.00	128	657
G121856.00	128	718
G121857.00	128	714
G121858.00	128	662
G121859.00	128	813
G121860.00	128	862
G131465.00	238	725
G131466.00	238	836
G131478.00	63	1,368
G131479.00	63	1,626
G131489.00	52	757
G131490.00	52	796
G131491.00	74	807
G131492.00	74	929
G131498.00	233	756
G131499.00	233	912
G131500.00	237	709
G131510.00	74	1,184
G131513.00	74	910
G131514.00	74	964
G131525.00	73	958
G131558.00	272	2,365
G131559.00	272	2,882
G131562.00	126	877
G131563.00	126	1,011
G131574.00	126	1,079
G131576.00	126	1,185
G131579.00	128	874
G131580.00	128	1,170
G131581.00	128	1,138
G131582.00	129	1,297
G131594.00	146	2,294
G131595.00	146	1,851
G131596.00	146	1,479
G131597.00	146	1,669
G131613.00	272	2,247
G131614.00	272	2,787
G131617.00	273	2,356
G131618.00	273	2,943
G131620.00	272	2,747
G131626.00	271	2,056
G131627.00	271	2,585
G131779.00	52	777
G131780.00	52	1,136
G131882.00	123	790
G131883.00	123	907
G131884.00	123	912
G131885.00	124	1,092

Catalog No.	Page #	List $
G131912.00	74	1,216
G131923.00	173	2,272
G131924.00	173	2,592
G131949.00	173	2,575
G131967.00	149	1,690
G131968.00	149	2,017
G131969.00	149	1,829
G131970.00	149	2,210
G131996.00	176	2,402
G131997.00	176	2,649
G131998.00	176	2,664
G132027.00	129	1,432
G132059.00	52	837
G132249.00	73	879
G132250.00	51	805
G140004.00	237	1,234
G140013.00	238	1,299
G140108.00	52	1,296
G140109.00	74	1,333
G140465.00	146	2,404
G140467.00	146	2,116
G140516.00	64	2,245
G140535.00	74	1,571
G140580.00	52	1,054
G140601.00	272	4,077
G140603.00	272	3,586
G140605.00	273	3,757
G140610.00	272	3,358
G140611.00	271	3,160
G140618.00	126	1,261
G140619.00	126	1,442
G140622.00	129	1,512
G140623.00	129	1,864
G140635.00	271	4,001
G140636.00	272	4,114
G140638.00	272	4,198
G140639.00	273	4,823
G140655.00	124	1,404
G140656.00	124	1,737
G140667.00	124	1,491
G140668.00	124	1,704
G140688.00	52	1,295
G140689.00	52	1,794
G140690.00	74	1,495
G140691.00	75	2,009
G140733.00	149	2,466
G140734.00	149	3,039
G140735.00	149	2,869
G140736.00	149	3,473
G140737.00	146	2,726
G140738.00	146	3,355
G140740.00	176	4,035
G140741.00	176	4,122
G140742.00	176	4,176
G140743.00	176	4,252
G140764.00	129	2,077
G140765.00	52	1,088
G141113.00	74	1,154
G141114.00	74	1,362
G141121.00	126	1,401
G141122.00	129	1,732
G141123.00	238	1,069
G141124.00	237	1,010
G150261.22	66	5,962
G150263.22	66	7,169
G150265.22	67	8,360
G150282.22	66	5,427
G151345.60	74	1,300
G151346.60	74	1,207
G151347.60	74	1,526
G151348.60	74	1,419
G151349.60	75	2,130
G151350.60	75	2,034
G151351.60	75	2,704
G151352.60	75	2,504
G151355.22	65	3,920
G151356.22	65	4,672
G151361.60	126	2,167
G151362.60	126	2,282
G151380.60	126	2,009
G151381.60	126	2,184

Catalog No.	Page #	List $
G151382.60	126	2,732
G151417.60	129	3,273
G151418.60	129	3,219
G151420.60	129	3,883
G151422.60	129	3,820
G151424.60	129	4,839
G151426.60	129	4,687
G151507.60	75	3,237
G151508.60	75	3,863
G151509.60	75	4,931
G151510.60	75	5,708
G151516.60	70	28,621
G151518.60	50	23,092
G151519.60	75	8,606
G151524.60	50	18,238
G151525.60	50	20,923
G151529.60	71	32,190
G151530.60	71	33,542
G151540.60	191, 219	1,644
G151541.60	191, 219	2,045
G151542.60	191, 219	2,848
G151567.60	129	2,423
G151568.60	129	2,357
G151569.60	129	2,643
G151570.60	129	2,859
G151682.60	52	1,898
G151683.60	52	2,283
G151684.60	52	2,319
G151685.60	52	2,654
G151686.60	52	2,826
G151687.60	52	3,095
G151736.60	130	607
G151737.60	130	626
G151738.60	130	1,138
G151739.60	130	1,043
G151740.60	130	1,168
G151741.60	130	1,153
G151742.60	131	1,404
G151743.60	131	1,320
G151744.60	131	1,637
G151745.60	131	1,592
G151746.60	131	2,293
G151747.60	131	2,434
G151748.60	131	3,038
G151749.60	131	2,878
G151750.60	131	3,624
G151751.60	131	3,639
G151752.60	131	3,946
G151753.60	131	3,822
G151754.60	131	4,991
G151755.60	131	4,757
G151756.60	131	6,140
G151809.22	64	3,505
G151828.60	191, 219	1,117
G151829.60	191, 219	2,236
G191214.00	169	974
G191220.00	169	1,016
G191226.00	169	1,158
G191542.00	169	1,275
G801028.00	126	3,386
G801029.00	127	3,551
G801030.00	127	4,639
G801040.00	127	3,425
G801041.00	127	3,931
G801042.00	127	5,343
G801051.00	124	2,106
G801052.00	124	2,545
G801053.00	124	3,422
G801054.00	124	3,551
G801055.00	124	3,821
G801056.00	124	2,189
G801057.00	124	2,578
G801058.00	124	3,434
G801059.00	124	3,786
G801060.00	124	5,028
G825071.00	109	42,353
G825072.00	109	34,998
G825116.00	107	1,785
G825128.00	107	2,045
G825188.00	107	2,867
G825190.00	107	1,909

Catalog No.	Page #	List $
G825192.00	107	2,837
G825193.00	107	3,010
G825194.00	107	2,988
G825195.00	107	3,808
G825196.00	107	4,462
G825197.00	107	5,115
G825198.00	107	5,088
G850818.00	109	37,330
G850819.00	109	41,136
LM03189	90	7,697
LM03237	90	8,583
LM03285	90	10,947
LM03333	90	12,075
LM03377	90	13,854
LM03425	90	16,011
LM03473	90	23,295
LM03517	90	30,391
LM03614	101	3,886
LM03616	102	4,080
LM03618	101	3,956
LM03623	102	4,114
LM03625	102	4,140
LM03631	101	8,335
LM03632	102	8,382
LM03633	102	8,382
LM03636	101	5,545
LM03637	101	5,545
LM03643	102	8,568
LM03644	102	4,487
LM03650	101	5,576
LM03651	101	5,576
LM03669	101	5,627
LM03670	101	5,627
LM03673	102	5,743
LM03674	102	5,740
LM03675	102	5,738
LM03681	101	5,922
LM03683	101	5,259
LM03686	102	5,857
LM03687	102	6,050
LM03691	101	6,840
LM03709	101	7,147
LM03711	102	8,199
LM03713	102	8,199
LM03714	102	8,342
LM03715	102	8,343
LM03718	101	11,920
LM03729	101	7,596
LM03730	102	9,195
LM03733	102	9,195
LM03735	102	8,789
LM03736	102	8,789
LM03739	101	11,332
LM03761	101	15,152
LM03763	102	16,003
LM03764	102	16,930
LM03771	102	19,674
LM03773	101	18,491
LM03776	102	19,343
LM03779	101	19,327
LM03780	101	19,327
LM03791	101	10,109
LM03792	102	10,799
LM03794	102	10,794
LM03795	102	11,379
LM03797	101	14,010
LM03799	101	11,256
LM03808	101	11,478
LM03809	101	11,478
LM03810	102	12,165
LM03812	102	12,165
LM03813	102	12,748
LM03815	101	14,094
LM03987	90	3,576
LM03995	90	3,869
LM04003	90	4,173
LM06103	87	1,665
LM06105	87	2,077
LM06113	87	1,773
LM06119	87	2,061
LM06121	87	3,288

Leeson Catalog Number Index

Motors, Sub-FHP Gearmotors, Drives and Accessories

Catalog No.	Page #	List $
LM06125	87	2,365
LM08476	394	208
LM08478	394	208
LM08582	394	301
LM08664	394	301
LM08665	394	301
LM08709	394	301
LM08720	394	343
LM08738	394	343
LM08827	394	1,033
LM10336	87	581
LM10338	87	795
LM10339	87	755
LM10340	87	1,452
LM10346	90	2,194
LM10347	90	2,291
LM10349	90	2,369
LM10350	90	3,231
LM12429	394	229
LM12430	394	690
LM12454	394	1,114
LM12463	394	1,441
LM12479	394	1,441
LM13556	70	33,698
LM13557	70	28,968
LM13559	71	41,186
LM13560	71	30,285
LM13562	71	45,677
LM13563	71	31,368
LM13564	71	55,792
LM13565	71	41,486
LM13699	68	8,974
LM13701	68	8,864
LM13704	69	19,371
LM13707	70	22,469
LM13709	70	35,224
LM13710	70	27,788
LM13713	70	34,985
LM13715	71	52,975
LM13716	71	38,298
LM13719	71	57,684
LM13721	71	70,447
LM13723	79	8,286
LM13724	80	8,637
LM13726	80	9,177
LM13728	80	9,217
LM13730	81	23,311
LM13731	81	20,372
LM13733	81	28,773
LM13734	81	23,461
LM13736	81	36,076
LM13737	81	28,808
LM13761	50	23,142
LM13762	50	21,345
LM13764	50	26,997
LM13765	50	22,535
LM13767	50	30,558
LM13770	50	34,569
LM13771	50	32,398
LM13795	55	22,571
LM13811	49	8,099
LM13813	49	8,199
LM13814	49	7,469
LM13817	50	16,119
LM13820	50	19,824
LM13825	50	34,090
LM13826	50	28,731
LM13831	50	44,605
LM13832	50	43,285
LM13837	55	8,373
LM13838	55	7,739
LM13839	55	8,377
LM13840	55	7,454
LM13940	69	14,491
LM13942	50	13,247
LM13943	49	12,438
LM13960	67	4,638
LM13961	67	3,944
LM13964	67	4,527
LM13969	49	7,636
LM14398	231	6,745

Catalog No.	Page #	List $
LM14399	231	5,740
LM14402	236	4,866
LM14405	236	5,198
LM14408	231	8,678
LM14410	231	7,801
LM14535	55	5,766
LM14549	234	5,675
LM14550	234	5,475
LM14552	234	7,109
LM14553	234	6,112
LM14561	234	6,508
LM14562	234	6,270
LM14564	234	8,162
LM14565	234	7,453
LM14642	100	36,959
LM14643	100	34,489
LM14645	100	40,911
LM14809	68	11,979
LM14811	69	11,995
LM14812	49	12,062
LM14813	49	11,096
LM14814	49	10,908
LM14815	49	11,294
LM15078	232	17,788
LM15079	232	16,918
LM15081	232	27,897
LM15082	232	24,270
LM15084	232	22,014
LM15085	232	19,624
LM15087	232	33,698
LM15089	232	30,285
LM15092	232	28,698
LM15098	232	41,187
LM15119	232	22,458
LM15121	232	20,945
LM15122	232	35,224
LM15123	232	29,316
LM15126	232	24,352
LM15129	232	38,298
LM15130	232	34,985
LM15138	232	52,975
LM15159	50	25,933
LM15263	81	15,299
LM15563	80	12,104
LM15565	80	10,145
LM15567	80	12,658
LM15568	80	12,156
LM15569	55	11,895
LM15570	55	11,222
LM15572	55	12,220
LM15646	64	1,363
LM15647	64	1,096
LM15648	63	1,108
LM15649	65	1,526
LM15650	65	1,219
LM15651	64	1,133
LM15670	66	2,620
LM15671	66	2,317
LM15672	65	2,774
LM15673	66	3,054
LM15674	66	2,907
LM15675	66	3,260
LM15869	65	1,526
LM15919	231	2,485
LM15921	234	11,055
LM16029	65	1,813
LM16030	64	1,628
LM16031	66	1,911
LM16032	66	1,923
LM16033	65	1,888
LM16222	70	35,381
LM16226	50	32,090
LM16237	50	40,518
LM16239	50	22,226
LM16298	74	919
LM16299	74	1,016
LM16301	74	1,633
LM16302	75	2,457
LM16383	230	882
LM16384	230	795
LM16387	230	918

Catalog No.	Page #	List $
LM16388	230	1,665
LM16391	230	1,475
LM16395	230	1,631
LM16400	231	2,824
LM16407	231	3,531
LM16572	394	294
LM16574	394	857
LM16577	394	1,207
LM16593	233	999
LM16594	233	1,760
LM16595	234	1,459
LM16596	234	1,442
LM16598	234	1,904
LM16599	234	1,528
LM16601	234	2,553
LM16602	234	2,220
LM16604	234	2,774
LM16605	234	2,613
LM16607	234	3,749
LM16608	234	3,541
LM16644	100	1,241
LM16650	100	1,357
LM16719	81	18,202
LM16728	77	1,098
LM16739	77	1,214
LM16741	78	1,218
LM16742	78	1,056
LM16744	78	1,726
LM16745	78	1,582
LM16747	78	1,223
LM16748	78	1,979
LM16752	78	1,871
LM16753	78	2,708
LM16755	79	2,007
LM16757	79	1,978
LM16759	79	3,385
LM16762	79	2,787
LM16767	79	3,030
LM16769	79	6,024
LM16772	79	4,118
LM16774	80	5,352
LM16824	74	1,056
LM16919	100	2,236
LM17186	234	1,668
LM17187	234	1,608
LM17189	234	2,083
LM17190	234	2,006
LM17192	234	2,746
LM17193	234	2,474
LM17195	234	3,244
LM17196	234	3,072
LM17198	234	4,544
LM17199	234	4,118
LM17382	55	5,891
LM17384	55	7,699
LM17388	55	15,647
LM17389	55	12,602
LM17390	55	18,416
LM17594	100	34,489
LM17953	71	30,285
LM18290	232	14,605
LM18292	232	12,657
LM18298	236	8,484
LM18306	236	9,769
LM18347	71	30,285
LM18366	232	8,305
LM18367	232	10,079
LM18370	232	9,674
LM18372	232	10,476
LM18373	232	10,675
LM18376	232	12,465
LM18378	236	7,325
LM18384	236	7,984
LM18864	394	208
LM18865	394	208
LM18866	394	301
LM18867	394	343
LM18868	394	758
LM18869	394	343
LM18870	394	457
LM18871	394	1,246

Catalog No.	Page #	List $
LM18872	394	163
LM18873	394	208
LM18874	394	208
LM18875	394	208
LM18876	394	301
LM19530	114	11,931
LM19532	114	11,929
LM19534	114	22,711
LM19535	114	21,357
LM19577	71	51,710
LM19595	231	3,971
LM19596	234	4,375
LM19597	234	4,190
LM19600	234	8,861
LM19602	234	11,254
LM19603	234	8,897
LM19605	234	15,292
LM19606	234	13,361
LM20029	114	5,276
LM20030	114	7,712
LM20037	234	10,252
LM20038	234	10,680
LM20040	234	13,045
LM20041	234	12,935
LM20043	234	18,202
LM20044	234	16,269
LM20087	234	5,075
LM20088	234	5,352
LM20116	388	380
LM20389	113	3,744
LM20390	113	3,126
LM20391	113	2,105
LM20392	113	1,958
LM20393	113	1,897
LM20394	113	2,893
LM20655	152	1,079
LM20657	153	1,135
LM20658	152	1,119
LM20660	153	1,173
LM20662	153	1,224
LM20664	153	1,279
LM20666	153	1,551
LM20669	153	1,224
LM20670	152	1,221
LM20672	153	1,279
LM20673	152	1,461
LM20675	153	1,515
LM20676	152	1,907
LM20679	152	2,169
LM20707	113	1,422
LM20708	113	1,285
LM20709	113	1,533
LM21031	152	1,001
LM21033	153	1,055
LM21034	152	1,062
LM21036	153	1,117
LM21037	152	1,154
LM21039	153	1,209
LM21040	152	1,231
LM21042	153	1,287
LM21045	153	1,425
LM21046	152	1,281
LM21048	153	1,332
LM21049	152	1,428
LM21051	153	1,480
LM21052	152	1,705
LM21055	152	2,412
LM21061	152	1,172
LM21062	152	1,221
LM21063	152	1,497
LM21084	113	1,048
LM21085	113	1,154
LM21086	113	1,576
LM21087	113	2,271
LM21088	114	3,933
LM21089	114	5,046
LM21091	114	7,947
LM21092	114	10,026
LM21093	114	15,675
LM21094	114	20,716
LM21118	93	5,762

Catalog No.	Page #	List $
LM21121	93	7,440
LM21124	93	10,438
LM21127	93	10,481
LM21148	93	746
LM21151	93	778
LM21153	93	822
LM21157	93	931
LM21159	93	1,191
LM21162	93	1,367
LM21165	93	1,607
LM21168	93	2,294
LM21171	93	2,539
LM21180	93	5,159
LM21189	91	1,123
LM21190	91	1,036
LM21192	91	1,305
LM21193	91	1,153
LM21195	91	1,764
LM21196	91	1,636
LM21198	91	1,931
LM21199	91	1,797
LM21201	91	2,578
LM21202	91	2,443
LM21204	91	2,958
LM21205	91	2,830
LM21208	91	3,928
LM21211	91	4,348
LM21214	91	5,997
LM21217	91	6,565
LM21220	91	8,765
LM21223	91	11,135
LM21227	91	14,423
LM21230	91	17,918
LM21233	91	20,728
LM21236	91	24,658
LM21238	91	29,674
LM21239	91	32,116
LM21378	113	1,140
LM21379	113	1,212
LM21380	113	1,221
LM21381	113	1,394
LM21382	113	1,478
LM21383	113	1,700
LM21384	113	2,573
LM21385	113	3,084
LM21386	114	6,602
LM21388	114	10,168
LM21391	114	14,811
LM21392	114	18,268
LM21665	113	4,293
LM21799	114	10,026
LM21807	114	5,046
LM21810	114	6,085
LM21826	115	1,129
LM21827	115	1,221
LM21828	115	1,291
LM21829	115	1,481
LM21831	115	1,240
LM21832	115	1,366
LM21833	115	1,300
LM21836	115	1,654
LM21837	115	1,571
LM21839	115	1,990
LM21840	115	2,054
LM21841	115	2,200
LM21842	115	2,395
LM21843	115	2,700
LM21844	115	3,051
LM21845	115	3,016
LM21846	115	3,251
LM21848	115	4,512
LM21850	115	4,149
LM21851	115	5,490
LM21853	115	6,961
LM21854	115	6,538
LM21856	115	8,071
LM21857	115	7,909
LM21859	115	10,749
LM21862	115	12,511
LM21866	115	15,502
LM21869	115	19,121

Catalog No.	Page #	List $
LM21872	115	23,560
LM21877	115	16,529
LM21880	115	6,448
LM21883	115	8,526
LM21886	115	10,607
LM21890	115	12,615
LM21893	115	5,410
LM21896	115	21,567
LM22093	394	208
LM22188	394	208
LM22423	152	3,003
LM22426	152	3,582
LM22435	152	2,761
LM22438	152	3,154
LM22645	92	651
LM22649	92	743
LM22653	92	668
LM22655	92	754
LM22657	92	885
LM22659	92	754
LM22660	91	722
LM22661	92	774
LM22664	91	796
LM22665	92	849
LM22758	50	22,535
LM22759	50	32,398
LM22826	92	1,206
LM22827	92	1,119
LM22830	92	1,240
LM22833	92	1,551
LM22836	92	1,797
LM22839	92	2,571
LM22841	92	2,959
LM22909	100	36,959
LM23781	114	1,221
LM23782	114	1,366
LM23783	114	1,300
LM23784	114	2,700
LM23854	114	1,805
LM24057	384	549
LM24058	384	828
LM24059	384	1,090
LM24060	384	1,318
LM24061	384	1,318
LM24062	384	380
LM24063	384	494
LM24064	384	828
LM24065	384	1,090
LM24066	384	1,190
LM24067	384	1,190
LM24068	384	1,318
LM24069	384	1,318
LM24072	114	2,240
LM24073	62	466
LM24074	76	518
LM24075	62	501
LM24076	76	553
LM24077	72	535
LM24078	63	519
LM24079	76	572
LM24080	73	571
LM24081	77	614
LM24083	72	516
LM24084	73	646
LM24093	72	423
LM24094	63	548
LM24095	77	605
LM24096	73	606
LM24097	64	585
LM24098	45	410
LM24099	45	454
LM24102	63	837
LM24103	62	691
LM24104	76	727
LM24105	62	675
LM24106	47	540
LM24107	62	408
LM24108	229	593
LM24109	229	589
LM24111	46	471
LM24112	73	606

Leeson Catalog Number Index

Motors, Sub-FHP Gearmotors, Drives and Accessories

Catalog No.	Page #	List $
LM24114	76	460
LM24117	46	501
LM24118	63	551
LM24121	77	727
LM24125	73	716
LM24126	76	602
LM24127	64	940
LM24128	72	695
LM24129	76	476
LM24130	73	717
LM24132	73	691
LM24133	62	466
LM24134	76	522
LM24135	77	654
LM24136	62	691
LM24137	233	647
LM24139	73	553
LM24140	76	744
LM24142	229	564
LM24144	63	602
LM24148	73	659
LM24149	73	621
LM24151	72	466
LM24152	45	355
LM24154	229	473
LM24155	46	493
LM24158	233	616
LM24159	63	697
LM24161	235	416
LM24163	237	433
LM24165	62	422
LM24169	47, 58, 248	640
LM24190	48	2,194
LM24193	48, 58, 248	1,471
LM24194	47, 58, 248	1,317
LM24199	48, 58, 248	2,531
LM24202	47, 58, 248	935
LM24208	66, 83, 248	2,619
LM24209	65	1,548
LM24219	236	1,732
LM24222	47, 58, 248	834
LM24227	235	620
LM24231	236	1,197
LM24232	236	2,175
LM24234	52	800
LM24258	111	687
LM24259	112	746
LM24262	112	821
LM24264	87	670
LM24265	76	1,205
LM24266	111	761
LM24267	53	508
LM24268	111	901
LM24271	112	658
LM24273	76	744
LM24276	62	1,151
LM24277	53	381
LM24291	62	1,005
LM24295	229	684
LM24345	53	656
LM24346	53	524
LM24349	76	751
LM24354	233	560
LM24355	233	525
LM24443	218, 191	629
LM24444	191, 218	722
LM24445	191, 218	593
LM24446	191, 218	722
LM24447	191, 218	459
LM24448	191, 218	505
LM24449	191, 218	559
LM24450	191, 218	651
LM24457	17	376
LM24462	198	579
LM24463	198	660
LM24465	17	341
LM24486	203, 224	507
LM24487	203, 224	451
LM24488	202, 223	432
LM24491	202, 223	507
LM24492	202, 223	451

Catalog No.	Page #	List $
LM24497	32	1,062
LM24502	17	534
LM24503	17	616
LM24504	17	669
LM24505	20	592
LM24507	21	853
LM24513	32	746
LM24515	32	858
LM24521	194	900
LM24530	35	691
LM24531	32	707
LM24532	32	829
LM24534	33	972
LM24535	35	606
LM24539	36	745
LM24546	31	646
LM24550	17	447
LM24551	17	432
LM24552	17	505
LM24570	17	393
LM24571	20	428
LM24580	18	582
LM24582	18	684
LM24583	18	758
LM24597	31	422
LM24598	34	428
LM24599	34	508
LM24600	36	467
LM24602	31	482
LM24604	31	566
LM24606	31	494
LM24607	32	572
LM24610	32	660
LM24613	34	542
LM24614	35	579
LM24615	36	680
LM24616	36	768
LM24622	35	614
LM24627	31	482
LM24628	36	567
LM24631	384	70
LM24674	17	419
LM24677	18	858
LM24681	19	1,191
LM24682	19, 26, 247	1,127
LM24683	19, 26, 247	1,652
LM24684	19, 26, 247	2,345
LM24687	18, 26, 247	721
LM24706	31	414
LM24709	32	726
LM24710	32	707
LM24711	32	746
LM24712	33	923
LM24713	33	1,058
LM24714	33	994
LM24716	33	1,237
LM24718	33	1,476
LM24719	33	2,021
LM24720	33	1,951
LM24721	33	2,480
LM24722	33	2,533
LM24723	36	442
LM24725	36	443
LM24726	36	498
LM24727	36	573
LM24728	36	908
LM24729	37	978
LM24731	37	1,231
LM24733	34	394
LM24734	34	392
LM24735	34	654
LM24736	34	446
LM24738	34	466
LM24739	34	738
LM24740	35	553
LM24743	31	443
LM24744	32	490
LM24745	32	606
LM24746	32	858
LM24776	222, 202	711
LM24777	202, 222	951

Catalog No.	Page #	List $
LM24778	193, 220	1,231
LM24780	193, 220	2,015
LM24781	193	1,632
LM24782	193, 220	2,559
LM24786	203, 224	550
LM24787	203, 224	624
LM24788	203, 224	769
LM24789	187	482
LM24790	187	566
LM24791	187	665
LM24792	187	760
LM24793	187	777
LM24794	187	858
LM24795	187	858
LM24797	187	1,315
LM24798	187	1,719
LM24799	187	2,120
LM24802	189	1,659
LM24803	189	2,020
LM24804	189	2,245
LM24805	189	2,533
LM24807	384	70
LM24808	383, 384	70
LM24809	203, 224	685
LM24810	383, 384, 384	70
LM24811	387	70
LM24812	198	684
LM24813	198	851
LM24814	198	1,432
LM24815	387	83
LM24858	72	646
LM24866	45	331
LM24869	45	360
LM24870	45	425
LM24871	46, 58, 248	553
LM24875	46, 58, 248	578
LM24877	47	646
LM24882	53	480
LM24889	53	553
LM24894	54	669
LM24914	51	432
LM24915	51	486
LM24917	51	524
LM24921	52	668
LM24923	52	713
LM24929	62	365
LM24946	76	416
LM24949	76	1,058
LM24964	72	391
LM24965	72	1,058
LM24967	72	1,205
LM25045	233	602
LM25046	233	580
LM25047	233	613
LM25048	233	613
LM25049	233	727
LM25050	233	622
LM25051	233	606
LM25054	235	360
LM25057	235	460
LM25058	235	493
LM25059	235	479
LM25060	235	553
LM25061	235	508
LM25062	235	646
LM25063	235	626
LM25068	235	644
LM25069	235	720
LM25070	235	691
LM25071	235	994
LM25097	229	526
LM25100	229	674
LM25103	229	733
LM25112	112	761
LM25113	111	599
LM25114	112	746
LM25115	111	602
LM25116	111	816
LM25117	112	658
LM25119	112	684
LM25121	112	821

Catalog No.	Page #	List $
LM25123	111	566
LM25124	111	508
LM25125	112	761
LM25126	111	546
LM25127	111	807
LM25128	112	661
LM25129	111	703
LM25131	112	622
LM25133	111	624
LM25134	112	958
LM25135	112	867
LM25136	112	622
LM25139	112	682
LM25149	112	661
LM25151	112	602
LM25153	112	567
LM25154	112	602
LM25158	112	567
LM25632	394	208
LM25637	63	893
LM25736	387, 384	135
LM25737	384	159
LM25738	384	159
LM25739	387	159
LM25740	384	204
LM25962	92	928
LM25991	91	853
LM26008	92	872
LM26081	92	866
LM26097	91	810
LM26098	91	820
LM26109	90	3,231
LM26233	87	1,633
LM26278	90	3,471
LM26285	238	1,002
LM26323	92	1,033
LM26334	237	1,892
LM26359	87	1,471
LM26679	388	159
LM27576	387	380
LM27681	387	274
LM27884	102	6,050
LM27971	264	8,772
LM27976	262	7,921
LM28114	261	3,780
LM28115	261	3,780
LM28116	261	3,707
LM28117	261	3,707
LM28118	261	4,117
LM28119	261	4,117
LM28120	261	4,201
LM28121	261	4,201
LM28122	261	4,117
LM28123	261	4,117
LM28124	261	4,875
LM28125	261	4,875
LM28126	261	5,049
LM28127	261	5,049
LM28128	261	4,875
LM28129	261	4,875
LM28131	261	5,708
LM28132	262	5,868
LM28133	262	5,868
LM28134	262	5,708
LM28135	262	5,708
LM28136	262	6,504
LM28137	262	6,504
LM28138	262	7,099
LM28139	262	7,099
LM28140	262	6,504
LM28141	262	6,504
LM28142	262	7,387
LM28143	262	7,387
LM28144	262	7,921
LM28145	262	7,251
LM28146	262	7,251
LM28147	262	8,874
LM28148	262	8,874
LM28149	262	10,013
LM28150	262	10,013
LM28151	262	8,874

Catalog No.	Page #	List $
LM28152	262	8,874
LM28153	262	9,886
LM28154	262	9,886
LM28155	262	10,286
LM28156	262	10,286
LM28157	262	9,886
LM28158	262	9,886
LM28159	262	13,140
LM28160	262	13,140
LM28161	262	11,633
LM28162	262	11,633
LM28200	263	3,892
LM28201	263	3,892
LM28202	263	4,228
LM28203	263	4,228
LM28204	263	4,313
LM28205	263	4,313
LM28206	263	5,068
LM28207	263	5,068
LM28208	263	5,242
LM28209	263	5,242
LM28210	263	5,901
LM28211	263	5,901
LM28212	263	6,291
LM28213	263	6,291
LM28214	263	6,824
LM28215	263	6,824
LM28216	263	7,640
LM28217	263	7,640
LM28218	263	8,214
LM28219	263	8,214
LM28220	264	8,772
LM28221	264	9,711
LM28222	264	9,711
LM28223	264	10,649
LM28224	264	10,649
LM28501	387	1,090
LM28624	387	549
LM28867	258, 260	1,206
LM28868	258, 260	1,206
LM28873	258, 260	1,644
LM28874	258, 260	1,644
LM28879	258, 260	2,079
LM28880	258, 260	2,079
LM28897	259, 260	4,262
LM28898	259, 260	4,262
LM28903	259, 260	4,734
LM28904	259, 260	4,734
LM28909	259, 260	7,077
LM28910	259, 260	7,077
LM28914	259, 260	7,472
LM28968	65	1,726
LM29576	48	3,274
LM29577	48	3,795
LM29579	93	3,335
LM29581	236	2,950
LM29656	266	1,124
LM29657	266	1,124
LM29658	266	1,124
LM29659	266	1,152
LM29660	266	1,152
LM29661	266	1,152
LM29662	266	1,255
LM29663	266	1,255
LM29664	266	1,255
LM29665	266	1,399
LM29666	266	1,399
LM29667	266	1,399
LM29668	266	1,793
LM29669	266	1,793
LM29670	266	1,793
LM29671	266	2,045
LM29672	266	2,045
LM29673	266	2,045
LM29850	258, 260	2,746
LM29851	258, 260	2,746
LM29852	259, 260	3,185
LM29853	259, 260	3,185
LM29865	236	3,422
LM29936	93	3,795
LM30092	258, 260	1,314

Catalog No.	Page #	List $
LM30093	258, 260	1,715
LM30094	258, 260	1,715
LM30095	258, 260	2,175
LM30096	258, 260	2,175
LM30097	258, 260	2,616
LM30098	258, 260	2,616
LM30099	259, 260	3,369
LM30100	259, 260	3,369
LM30102	259, 260	4,303
LM30146	388	185
LM30147	388	274
LM30535	261	5,708
LM30561	264	764
LM30572	90	5,219
LM30647	262	7,497
LM30648	262	7,497
LM30649	262	9,230
LM30650	262	9,230
LM30655	263	3,818
LM30663	263	3,818
LM30676	261	5,018
LM30677	261	5,292
LM30678	261	5,292
LM30679	261	4,201
LM30680	261	4,201
LM30681	261	4,627
LM30682	261	4,627
LM30702	264	6,269
LM30720	262	5,049
LM30721	262	5,049
LM30722	262	5,868
LM30723	262	5,868
LM30724	262	6,720
LM30725	262	6,720
LM30727	93	10,629
LM30732	263	4,228
LM30733	263	4,228
LM30734	263	4,820
LM30735	263	4,820
LM30736	263	5,484
LM30737	263	5,484
LM30739	263	5,901
LM30740	263	5,901
LM30748	263	4,313
LM30749	263	4,313
LM30750	263	5,068
LM30751	263	5,068
LM30752	263	4,738
LM30753	263	4,738
LM30754	263	6,824
LM30755	263	6,824
LM30756	264	7,829
LM30757	264	7,829
LM30760	263	5,317
LM30762	264	6,269
LM30763	264	7,282
LM30764	264	7,282
LM30826	70	38,146
LM30881	264	902
LM31014	387	204
LM31019	387	380
LM31393	261	5,018
LM31463	90	4,959
LM31607	263	5,317
LM31752	264	764
LM32284	387	828
LM32285	387	870
LM32286	387	870
LM32288	387	1,145
LM32290	387	1,181
LM32291	387	1,181
LM32292	387	1,305
LM32293	387	1,305
LM32396	395	184
LM32397	395	184
LM32398	395	184
LM32399	395	215
LM32401	395	244
LM32402	395	306
LM32403	395	547
LM32405	395	429

Leeson Catalog Number Index

Motors, Sub-FHP Gearmotors, Drives and Accessories

Catalog No.	Page #	List $
LM32407	395	490
LM32409	395	730
LM32411	395	1,283
LM32649	54	1,589
LM32651	259, 260	4,880
LM32652	80	9,177
LM32653	80	12,658
LM32654	79	4,095
LM32655	55	8,377
LM32656	55	11,185
LM32657	55	12,602
LM32659	81	15,299
LM32660	81	28,808
LM32663	259, 260	5,419
LM32665	80	12,104
LM32669	68	8,915
LM32670	237	3,983
LM32671	68	7,472
LM32672	69	11,995
LM32674	49	8,199
LM32675	237	2,258
LM32677	55	19,867
LM32678	73	792
LM32679	70	22,469
LM32680	237	8,626
LM32681	237	1,483
LM32682	49	7,469
LM32686	68	8,974
LM32687	48	6,344
LM32691	238	2,489
LM32692	76	1,348
LM32731	47	720
LM32740	48	1,396
LM32741	64, 83, 248	930
LM32743	48	1,865
LM32746	48	3,466
LM32748	48	3,274
LM32749	48	3,795
LM32750	49	7,636
LM32751	49	8,099
LM32752	49	7,691
LM32753	49	11,096
LM32754	49	12,062
LM32755	49	11,294
LM32756	49	10,908
LM32757	49	12,438
LM32758	50	13,247
LM32759	50	12,581
LM32760	50	16,119
LM32761	50	19,824
LM32778	54	1,529
LM32781	54	2,497
LM32783	54	3,705
LM32785	55	3,589
LM32786	55	4,157
LM32787	55	11,222
LM32788	55	12,071
LM32789	55	16,146
LM32793	52	813
LM32796	63	753
LM32798	63	1,517
LM32799	64	1,799
LM32802	65	1,626
LM32803	65	2,677
LM32805	65, 83, 248	1,214
LM32807	65	3,168
LM32808	66	1,816
LM32809	66, 83, 248	1,499
LM32811	67	4,638
LM32813	67	5,062
LM32815	68	8,864
LM32819	69	14,491
LM32820	69	19,371
LM32822	76	776
LM32823	76	926
LM32825	77	812
LM32828	77	902
LM32829	77	881
LM32831	77	1,914
LM32835	78	1,738
LM32836	78	2,831

Catalog No.	Page #	List $
LM32839	78	3,327
LM32840	79	1,930
LM32841	79	1,595
LM32842	80	5,352
LM32843	80	9,217
LM32844	81	20,372
LM32845	81	23,461
LM32846	73	821
LM32848	74	903
LM32856	100	917
LM32857	100	1,142
LM32862	100	1,021
LM32869	100	1,770
LM32873	100	2,801
LM32876	100	3,611
LM32879	100	4,251
LM32882	100	5,022
LM32885	100	6,631
LM32887	100	7,723
LM32890	100	12,486
LM32893	100	14,166
LM32896	100	17,133
LM32899	100	21,818
LM32902	100	28,325
LM32905	100	32,226
LM33046	260, 258	3,144
LM33048	259, 260	3,646
LM33053	237	562
LM33056	237	588
LM33057	237	604
LM33059	237	686
LM33062	237	793
LM33067	237	3,738
LM33070	237	4,694
LM33072	237	6,404
LM33074	237	6,696
LM33093	238	1,589
LM33099	238	1,898
LM33103	238	2,827
LM33121	63	864
LM33122	63	789
LM33123	63	791
LM33124	64	863
LM33125	64	712
LM33171	230	2,701
LM33247	235	976
LM33262	64	1,071
LM33266	83, 248	1,023
LM33337	74	807
LM33484	78	1,240
LM33485	78	1,070
LM33486	64	986
LM33487	65	1,153
LM33488	230	918
LM33489	74	966
LM33561	63	#N/A
LM33563	64	1,148
LM33564	64	1,363
LM33565	65	1,461
LM33566	76	1,348
LM33567	77	1,098
LM33569	77	1,214
LM33570	78	1,218
LM33571	78	1,582
LM33573	74	1,056
LM33574	74	863
LM33591	87	1,773
LM33603	230	795
LM33611	233	1,207
LM33612	233	965
LM33613	233	1,069
LM33614	233	874
LM33615	233	1,376
LM33616	233	1,153
LM33617	233	1,240
LM33621	238	964
LM33622	238	882
LM33624	238	1,002
LM33803	71	51,857
LM34006	64	1,256
LM34048	45, 56	427

Catalog No.	Page #	List $
LM34049	45, 56	459
LM34050	45, 56	486
LM34051	45, 56	498
LM34052	46, 56	580
LM34053	46, 56	709
LM34054	47, 56	806
LM34055	53, 57	518
LM34056	53, 57	755
LM34057	53, 57	786
LM34058	53, 57	879
LM34059	20, 24	550
LM34060	21, 24	1,101
LM80018	137	28,331
LM80020	137	29,341
LM80022	137	60,869
LM80027	136	5,019
LM80028	136	6,958
LM80029	136	5,636
LM80030	136	8,385
LM80031	136	7,770
LM80032	136	9,986
LM80033	136	9,800
LM80034	136	13,662
LM80035	136	11,841
LM80036	136	16,639
LM80037	136	15,826
LM80039	137	18,357
LM80041	137	22,702
LM80043	137	27,097
LM80045	137	28,331
LM80047	137	29,341
LM80049	137	60,869
LM80050	135	957
LM80051	135	957
LM80052	135	1,039
LM80053	135	1,039
LM80054	135	1,102
LM80055	135	1,102
LM80056	135	1,136
LM80057	135	1,136
LM80058	135	1,537
LM80059	135	1,537
LM80060	135	1,512
LM80061	135	1,512
LM80062	135	1,628
LM80063	135	1,628
LM80064	135	1,684
LM80065	135	1,684
LM80066	135	2,294
LM80067	135	2,294
LM80068	135	2,200
LM80069	135	2,200
LM80070	135	2,772
LM80071	135	2,772
LM80072	135	2,361
LM80073	135	2,361
LM80074	135	3,586
LM80075	135	3,586
LM80076	135	2,866
LM80077	135	2,866
LM80078	136	4,257
LM80079	136	4,257
LM80080	136	3,427
LM80081	136	3,427
LM80082	137	62,573
LM80083	137	62,573
LM80084	136	5,960
LM80085	136	5,960
LM80086	136	5,019
LM80087	136	6,958
LM80088	136	5,636
LM80089	136	8,385
LM80090	136	7,770
LM80091	136	9,986
LM80092	136	9,800
LM80093	136	13,662
LM80094	136	11,841
LM80095	136	16,639
LM80096	136	15,826
LM80098	137	18,357
LM80100	137	22,702

Catalog No.	Page #	List $
LM80102	137	27,097
LM80103	132	1,817
LM80104	132	1,817
LM80105	132	2,551
LM80106	132	2,551
LM80107	132	2,733
LM80108	132	2,733
LM80109	132	3,007
LM80110	132	3,007
LM80111	132	3,049
LM80112	132	3,049
LM80113	132	3,383
LM80114	132	3,383
LM80115	132	3,383
LM80116	132	3,383
LM80117	132	3,226
LM80118	132	3,226
LM80119	132	3,604
LM80120	132	3,604
LM80121	132	3,604
LM80122	132	3,604
LM80123	133	3,595
LM80124	133	3,595
LM80125	133	6,812
LM80126	133	6,818
LM80127	133	6,818
LM80128	133	6,818
LM80129	133	6,660
LM80130	133	7,079
LM80131	133	7,095
LM80132	133	7,095
LM80133	133	7,095
LM80134	133	7,095
LM80135	133	6,932
LM80136	133	6,932
LM80137	133	8,723
LM80138	133	8,723
LM80139	133	8,723
LM80140	133	8,723
LM80141	133	8,260
LM80142	133	8,260
LM80143	133	9,329
LM80144	133	9,329
LM80145	133	9,329
LM80146	133	9,329
LM80147	133	8,515
LM80148	133	8,515
LM80149	133	10,906
LM80150	133	10,906
LM80151	133	10,906
LM80152	133	10,906
LM80153	133	11,021
LM80154	133	11,021
LM80155	133	11,716
LM80156	133	11,716
LM80157	133	11,716
LM80158	133	11,716
LM80159	133	11,776
LM80160	133	11,776
LM80161	133	12,901
LM80162	133	12,901
LM80163	133	12,901
LM80164	133	12,901
LM80165	134	15,803
LM80166	134	15,803
LM80167	134	16,606
LM80168	134	16,606
LM80169	134	16,606
LM80170	134	16,606
LM80171	134	16,464
LM80172	134	16,464
LM80173	134	16,567
LM80174	134	16,567
LM80175	134	16,567
LM80176	134	16,567
LM80178	134	18,538
LM80180	134	24,596
LM80182	134	26,850
LM80183	136	5,019
LM80184	136	5,019
LM80185	136	7,770
LM80186	136	5,636
LM80187	136	5,636
LM80188	136	7,770
LM80189	136	9,800
LM80190	136	9,800
LM80191	136	11,841
LM80192	136	11,841
LM80193	136	15,826
LM80194	136	15,826
LM80195	137	18,357
LM80196	137	18,357
LM80197	137	22,702
LM80198	137	22,702
LM80199	137	27,097
LM80200	137	27,097
LM80201	137	28,331
LM80202	137	28,331
LM80203	137	29,341
LM80204	137	29,341
M002256.00	200	462
M002290.00	200	562
M009089.00	200	793
M009492.00	200	616
M009493.00	200	695
M009580.00	201, 222	505
M009594.00	201, 222	664
M009595.00	201, 222	737
M009644.00	211	801
M090085.00	211	391
M090086.00	211	422
M090253.00	218	364
M090405.00	213	336
M090585.00	213	413
M090602.00	213	320
M099250.00	211	474
M099251.00	211	478
M099260.00	190, 218	368
M099261.00	190, 218	434
M099461.00	201, 221	403
M099462.00	201, 221	440
M099799.00	218	353
M099800.00	218	400
M099801.00	218	430
M099847.00	218	642
M099899.00	201, 221	349
M099946.00	218	450
M1110003.00	306	300
M1110006.00	314	274
M1110014.00	306	290
M1110015.00	306	310
M1110024.00	295, 309	413
M1110025.00	298, 313	377
M1110026.00	298, 313	425
M1115000.00	321	527
M1115001.00	321	527
M1115002.00	321	527
M1115018.00	331	591
M1115019.00	331	591
M1115020.00	331	591
M1115021.00	331	591
M1115022.00	331	591
M1115024.00	323	755
M1115025.00	323	755
M1115026.00	323	755
M1115027.00	323	755
M1115028.00	323	695
M1115029.00	323	695
M1120013.00	306	322
M1120014.00	306	381
M1120027.00	306	412
M1120039.00	306	322
M1120040.00	314	322
M1120041.00	306	381
M1120042.00	306	416
M1120043.00	306	416
M1120044.00	314	425
M1120045.00	306	412
M1120046.00	314	450
M1120058.00	306	412
M1120059.00	306	381
M1120060.00	306	322
M1120062.00	306	434
M1120181.00	155, 307	516
M1120182.00	155, 307	537
M1120183.00	155, 307	523
M1120184.00	155, 307	544
M1120185.00	155, 307	569
M1120186.00	155, 307	591
M1125002.00	321	573
M1125003.00	321	573
M1125004.00	321	573
M1125005.00	321	544
M1125006.00	321	544
M1125033.00	321	544
M1125034.00	321	544
M1125035.00	321	573
M1125036.00	321	573
M1125037.00	321	573
M1125038.00	323	774
M1125039.00	323	712
M1125040.00	323	712
M1125041.00	323	712
M1125046.00	321	527
M1125047.00	321	527
M1125048.00	321	527
M1125050.00	341	549
M1125069.00	323	774
M1125070.00	323	774
M1125071.00	323	712
M1125072.00	323	712
M1125073.00	323	712
M1125074.00	323	712
M1125080.00	348	677
M1125081.00	348	677
M1125082.00	348	677
M1125083.00	348	677
M1125084.00	348	677
M1125092.00	323	774
M1125093.00	323	712
M1125094.00	323	695
M1125127.00	341	549
M1125128.00	341	549
M1125129.00	341	549
M1125130.00	341	528
M1125131.00	341	528
M1125132.00	341	511
M1125133.00	341	511
M1125213.00	321	583
M1125214.00	321	619
M1125215.00	321	619
M1125217.00	323	774
M1125218.00	323	793
M1125219.00	323	729
M1125220.00	323	729
M1125247.00	325	653
M1125248.00	325	653
M1125249.00	325	653
M1125250.00	325	637
M1125251.00	325	637
M1125252.00	325	669
M1125253.00	325	669
M1125254.00	325	669
M1125255.00	325	653
M1125256.00	325	653
M1125261.00	157, 335	877
M1125262.00	157, 335	901
M1125263.00	157, 335	833
M1125264.00	157, 335	833
M1125265.00	157, 335	833
M1125266.00	157, 335	901
M1125267.00	157, 335	923
M1125268.00	159, 335	908
M1125269.00	159, 335	940
M1125270.00	159, 335	915
M1125271.00	159, 335	915
M1125272.00	159, 335	915
M1125273.00	159, 335	930
M1125274.00	159, 335	983
M1125275.00	161, 339	908
M1125276.00	161, 339	908
M1125277.00	161, 339	915
M1125278.00	161, 339	915

Leeson Catalog Number Index

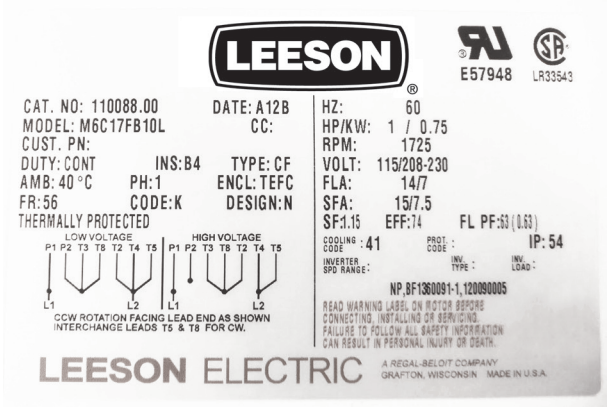
Motors, Sub-FHP Gearmotors, Drives and Accessories

Catalog No.	Page #	List $
M1125279.00	161, 339	915
M1125280.00	161, 339	869
M1125281.00	161, 339	869
M1125282.00	352	703
M1125283.00	352	635
M1125284.00	352	583
M1125285.00	352	583
M1130053.00	306	427
M1130054.00	306	435
M1130055.00	306	451
M1130118.00	306	427
M1130119.00	306	435
M1130120.00	306	451
M1130136.00	295, 309	462
M1130137.00	295, 309	495
M1130138.00	295, 309	567
M1130139.00	295, 309	608
M1130140.00	295, 309	462
M1130141.00	295, 309	479
M1130142.00	295, 309	523
M1130143.00	295, 309	580
M1130146.00	294, 308	462
M1130147.00	294, 308	495
M1130148.00	294, 308	567
M1130149.00	294, 308	608
M1130150.00	294, 308	462
M1130151.00	294, 308	479
M1130152.00	294, 308	523
M1130153.00	294, 308	580
M1130206.00	298, 313	480
M1130207.00	298, 313	549
M1130296.00	298, 313	480
M1130297.00	298, 313	549
M1135038.00	331	681
M1135039.00	331	681
M1135040.00	331	681
M1135041.00	331	681
M1135042.00	331	734
M1135043.00	331	734
M1135044.00	331	734
M1135045.00	331	734
M1135046.00	331	734
M1135053.00	331	591
M1135054.00	331	591
M1135055.00	331	591
M1135056.00	331	591
M1135057.00	331	591
M1135058.00	331	681
M1135059.00	331	681
M1135060.00	331	681
M1135061.00	331	681
M1135062.00	331	734
M1135063.00	331	734
M1135064.00	331	734
M1135065.00	331	734
M1135066.00	331	734
M1135069.00	331	681
M1135106.00	327	763
M1135107.00	327	763
M1135108.00	327	799
M1135109.00	327	799
M1135110.00	327	799
M1135111.00	327	755
M1135112.00	327	755
M1135113.00	327	755
M1135114.00	327	755
M1135115.00	327	799
M1135116.00	327	755
M1135117.00	327	799
M1135139.00	327	763
M1135140.00	327	763
M1135141.00	327	799
M1135142.00	327	799
M1135143.00	327	799
M1135144.00	327	799
M1135145.00	327	799
M1135146.00	327	755
M1135147.00	327	755
M1135148.00	327	755
M1135149.00	327	755

Catalog No.	Page #	List $
M1135150.00	327	755
M1135243.00	327	778
M1135244.00	327	816
M1135245.00	327	816
M1135246.00	327	774
M1135249.00	331	695
M1135250.00	331	695
M1135251.00	331	744
M1135252.00	331	744
M1135284.00	333	724
M1135285.00	333	724
M1135286.00	333	735
M1135287.00	333	735
M1135288.00	333	735
M1135289.00	333	735
M1135290.00	333	735
M1135291.00	333	696
M1135292.00	333	696
M1135293.00	333	758
M1135294.00	333	758
M1135295.00	333	758
M1135296.00	333	758
M1135297.00	333	758
M1140171.00	84, 94	362
M1140172.00	84, 94	419
M1140173.00	84, 94	390
M1145023.00	343	821
M1145024.00	343	746
M1145025.00	343	746
M1145026.00	343	746
M1145027.00	343	746
M1145028.00	343	746
M1145029.00	343	821
M1145030.00	343	891
M1145031.00	343	891
M1145032.00	343	891
M1145033.00	343	817
M1145034.00	343	817
M1145035.00	343	817
M1145037.00	348	918
M1145038.00	348	918
M1145039.00	348	918
M1145040.00	348	918
M1145041.00	348	918
M1145082.00	348	918
M1145122.00	352	711
M1145123.00	352	711
M1145124.00	352	657
M1145125.00	352	657
M1145126.00	352	657
M1145127.00	353	869
M1145128.00	353	869
M1145129.00	353	869
M1145130.00	353	869
M1145131.00	353	869
M1145138.00	162, 343	935
M1145139.00	162, 343	935
M1145140.00	162, 343	858
M1145141.00	163, 349	785
M1145142.00	163, 349	963
M1145143.00	163, 349	963
M1145144.00	162, 343	935
M1145145.00	162, 343	935
M1145146.00	163, 349	963
M1145147.00	163, 349	963
M1740005.00	357	429
M1740006.00	357	579
M1740007.00	357	238
M1740008.00	357	372
M1740009.00	357	277
M1760000.00	350	43
M1760003.00	350	54
M1760006.00	350	59
M1760007.00	350	43
M1760011.00	350	66
M1760012.00	350	45
M1760021.00	350	43
M1760029.00	350	69
M900195.00	213	246
M900196.00	213	290

Catalog No.	Page #	List $
M900197.00	213	379
M900277.00	213	474
M900599.00	213	593

Nameplate data is the critical first step in determining motor replacement. Much of the information needed can generally be obtained from the nameplate. Record all nameplate information; it can save time and confusion.



Important Nameplate Data

- Catalog number
- Motor model number
- Frame. Designates NEMA frame size dimensions
- Type (classification varies from manufacturer to manufacturer)
- Phase - single, three or direct current
- HP - horsepower at rated full load speed
- HZ - frequency in cycles per second, usually 60 HZ in United States, 50 HZ overseas
- RPM - revolutions per minute
- Voltage
- Amperage (F.L.A.) - full load motor current
- Maximum ambient temperature in centigrade - usually +40°C (104°F)
- Duty - most motors are rated continuous. Some applications, however, may use motors designed for intermittent, special, 15, 30 or 60 minute duty
- NEMA electrical design - B, C and D are most common. Design letter represents the torque characteristics of the motor.
- Insulation class - standard insulation classes are B, F, and H. NEMA has established safe maximum operating temperatures for motors. This maximum temperature is the sum of the maximum ambient and maximum rise at maximum ambient.
- Code - indicates locked rotor kVA per horsepower
- Service factor - a measure of continuous overload capacity
- Inverter Speed range information - 3-Phase motors
- Manufacturer Agency Approval information - UL, CSA, CE, etc.

Technical Information

MOTOR SELECTION

Electric motors are the workhorses of industry. Many applications exist where more than one motor can be used and/or the exact replacement is not available. LEESON makes every effort to maximize interchangeability, mechanically and electrically, where compromise does not interfere with reliability and safety standards. If you are not certain of a replacement condition, contact any LEESON Authorized Distributor or the LEESON District Sales Office.

SELECTION

Identifying a motor for replacement purposes or specifying a motor for new applications can be done easily if the following information is known:

1. Nameplate Data
2. Motor Type
3. Electrical and Performance Characteristics
4. Mechanical Construction

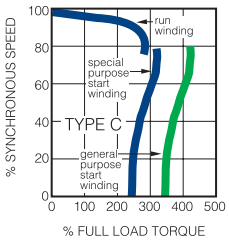
NAMEPLATE DATA

Nameplate data is the most important first step in determining motor replacement. Much of the information needed can generally be obtained from the nameplate of the motor to be replaced. Take time to record all the nameplate information because it can save time, avoid confusion and MISAPPLICATION.

MOTOR TYPE

Alternating current (AC) induction motors are divided into two electrical categories, based on power source—single phase and polyphase (three phase). Direct current (DC) motors are used in applications where precise speed control is required or when battery or generated direct current is the available power source.

TYPICAL SPEED TORQUE CURVES



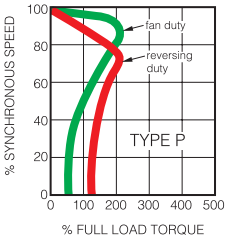
Capacitor Start/Induction Run

A single phase general purpose design, with an electrolytic capacitor in series with the start winding, offering maximum starting torque per ampere.

A centrifugal switch removes the auxiliary winding and capacitor when the motor approaches full load speed. The design is a heavy-duty unit which has approximately 300% (of full load) starting torque. Common applications include compressors, pumps, conveyors and other "hard-to-start" applications.

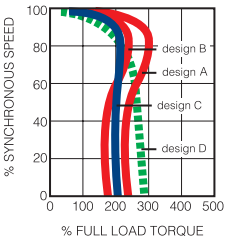
Capacitor Start/Capacitor Run

This design has two capacitors of different values. A centrifugal switch is used to remove the electrolytic capacitor when the motor approaches full load speed. A second run capacitor remains in series with the auxiliary winding during full load operation. This type of design has lower full-load amps as a result of the run capacitor and is consequently used on most higher horsepower single phase motors.



Permanent Split Capacitor (PSC)

This design has an auxiliary winding with a "run" capacitor, but unlike the capacitor start/induction run motor, the capacitor and auxiliary winding remain in the circuit under running conditions. (There is no centrifugal switch on this type motor.) A permanent split capacitor design has low starting torque and low starting current. They are generally used on direct-drive fans and blowers. They can also be designed for higher starting torque and intermittent applications, where rapid reversing is desired.

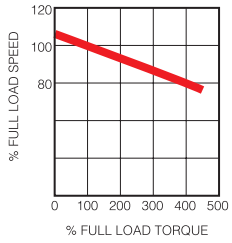


Three Phase or Polyphase

General purpose three phase motors have different electrical design classifications as defined by NEMA. NEMA Design A and B motors are of normal starting torque with normal starting current. NEMA Design C motors have higher starting torque with normal starting current. All three types have slip of less than 5%. ("Slip" being a term which expresses, as a percentage, the difference between synchronous motor speed and full load motor speed, for example, 1800 rpm synchronous versus a full load speed of 1740 rpm.

NEMA's Design B and C standards are minimum performance standards. In practice, some manufacturers (including LEESON) build small integral HP Design B motors with locked rotor and breakdown torque levels equalling NEMA Design C standards.

NEMA T frame motors 1 through 200 HP *covered* by EPAct (identified with a "G" catalog prefix) are labeled Design B, exceed NEMA Design B performance levels, and have efficiencies equal to EPAct mandated levels. EPAct *exempt* three phase, base-mounted motors are labeled Design C and have performance characteristics meeting NEMA's Design C standards, with standard motor efficiencies. Motors 250 HP and larger are exempt from EPAct legislation.



Permanent Magnet DC

This design has linear speed/torque characteristics over the entire speed range. SCR rated motor features include high starting torque for heavy load applications and dynamic braking, variable speed and reversing capabilities. Designs are also available for use on generated low voltage DC power or remote applications requiring battery power.

ELECTRICAL AND PERFORMANCE CHARACTERISTICS

One of the best ways to guarantee economical performance and long motor life is to make sure your motors operate at nameplate voltage. Applying too high a voltage may reduce the motor's efficiency and increase operating temperatures. The net result is shorter motor life.

Under-voltage can also shorten motor life. Operating on too low a voltage reduces the motor's effective horsepower. The motor will attempt to drive the load it was intended to drive, become overloaded, draw more current than normal, and overheat. Again, the result will be premature failure.

ENCLOSURES AND ENVIRONMENT

DRIP-PROOF: Venting in end frame and/or main frame located to prevent drops of liquid from falling into motor within a 15° angle from vertical. Designed for use in areas that are reasonably dry, clean, and well ventilated (usually indoors). If installed outdoors, it is recommended that the motor be protected with a cover that does not restrict the flow of air to the motor.

TOTALLY ENCLOSED AIR OVER (TEAO): Dust-tight fan and blower duty motors designed for shaft mounted fans or belt driven fans. The motor must be mounted within the airflow of the fan.

TOTALLY ENCLOSED NON-VENTILATED (TENV): No vent openings, tightly enclosed to prevent the free exchange of air, but not airtight. Has no external cooling fan and relies on convection for cooling. Suitable for use where exposed to dirt or dampness, but not for hazardous (explosive) locations.

TOTALLY ENCLOSED FAN COOLED (TEFC): Same as the TENV except has external fan as an integral part of the motor, to provide cooling by blowing air around the outside frame of the motor.

TOTALLY ENCLOSED, HOSTILE AND SEVERE ENVIRONMENT MOTORS: Designed for use in extremely moist or chemical environments, but not for hazardous locations.

TOTALLY ENCLOSED BLOWER COOLED MOTORS (TEBC): Used to extend the safe speed range of inverter-fed motors. Similar to TEFC except a small, constant-speed fan provides uniform airflow regardless of the drive motor's operating speed.

EXPLOSION-PROOF MOTORS: These motors meet Underwriters Laboratories and Canadian Standards Association standards for use in hazardous (explosive) locations, as indicated by the UL label affixed to the motor. Locations are considered hazardous because the atmosphere does or may contain gas, vapor, or dust in explosive quantities.

NEMA SERVICE FACTORS

HP	ENCLOSURE	RPM 3600	RPM 1800	RPM 1200
1/4-1/3	Open	1.35	1.35	1.35
1/2-3/4	Open	1.25	1.25	1.25
1 & Larger	Open	1.15	1.15	1.15
All	Totally Enclosed	1.00	1.00	1.00

Most LEESON Totally Enclosed Motors have 1.15 Service Factor. Refer to the Service Factor information on each page to identify specific totally enclosed motors with NEMA 1.00 Service Factor or LEESON 1.15 Service Factor. All drip-proof motors have NEMA Service Factors of 1.15 or higher. All three phase totally enclosed motors have NEMA Service Factors of 1.15 except when noted ([]).

SCR PM DC MOTORS ON PWM POWER SUPPLIES

Pulse width modulated DC controls have a voltage output similar to pure direct current which has a form factor of 1.00. SCR thyristor drives, such as the SPEEDMASTER® controls listed on page 117, have a form factor of 1.4.

LEESON stock SCR rated motors can also be used with PWM controls. In fact, the motor's HP rating can be increased because of less heating in the motor. In addition, the motor will operate quieter and the brush life will be extended.

Rated HP 1.40 FF	Rated RPM	Rated Volts	Catalog Number	Rated HP 1.05 FF
1/4	1750	90	**098002**	0.40
	1750	180	**098003**	0.50
1/3	1750	90	**098004**	0.50
	1750	90	**108424**	0.56
	1750	180	**098005**	0.50
1/2	2500	90	**098006**	0.75
	2500	180	**098007**	0.70
	1750	90	**098000**	0.70
	1750	90	**108014**	0.75
	1750	90	**108226**	0.75
	1750	180	**098008**	0.56
	1750	180	**108015**	0.70
	1750	180	**108227**	0.70
3/4	2500	90	**098009**	1.00
	2500	90	**108016**	1.00
	2500	180	**098010**	1.00
	2500	180	**108017**	0.86
	1750	90	**098032**	1.00
	1750	90	**108018**	1.00
	1750	90	**108228**	1.25
	1750	180	**098069**	1.00
	1750	180	**108019**	1.00
	1750	180	**108229**	1.25
1	2500	90	**108020**	1.50
	2500	180	**108021**	1.50
	1750	90	**108022**	1.25
	1750	90	**108230**	1.25
	1750	180	**108023**	1.25
	1750	180	**108231**	1.25
1½	2500	180	**108265**	2.00
	1750	180	**108092**	1.75
	1750	180	**108262**	1.75
	1750	180	**108232**	1.75
	1750	180	**128000**	--
2	2500	180	**108266**	3.00
	1750	180	**128001**	--
	1750	180	**128010**	--
3	2500	180	**128008**	--
	1750	180	**108502**	--

METRIC (IEC) DESIGNATIONS

The International Electrotechnical Commission (IEC) is a European-based organization that publishes and promotes worldwide mechanical and electrical standards for motors, among other things. In simple terms, it can be said that IEC is the international counterpart to the National Electrical Manufacturers Association (NEMA), which publishes the motor standards used in the United States.

IEC standards are expressed in metric units.

IEC ENCLOSURE PROTECTION INDEXES

Like NEMA, IEC has designations indicating the protection provided by a motor's enclosure. However, where NEMA designations are word descriptive, such as Open Drip-Proof or Totally Enclosed Fan Cooled. IEC uses a two-digit Index of Protection (IP) designation. The first digit indicates how well-protected the motor is against the entry of solid objects, the second digit refers to water entry.

By way of general comparison, an IP22 motor relates to Open Drip-Proof, IP54 to totally enclosed.

Protection Against Solid Objects		Protection Against Liquids	
Number	Definition	Number	Definition
0	No protection	0	No protection
1	Protected against solid objects of over 50 mm (e.g. accidental hand contact)	1	Protected against water vertically dripping (condensation)
2	Protected against solid objects of over 12 mm (e.g. finger)	2	Protected against water dripping up to 15° from the vertical
3	Protected against solid objects of over 2.5 mm (e.g. tools, wire)	3	Protected against rain falling at up to 60° from the vertical
4	Protected against solid objects of over 1 mm (e.g. thin wire)	4	Protected against water splashes from all directions
5	Protected against dust	5	Protected against jets of water from all directions
6	Totally protected against dust.	6	Protected against jets of water comparable to heavy seas
		7	Protected against the effects of immersion to depths of between 0.15 and 1m
		8	Protected against the effects of prolonged immersion at depth

IEC DESIGN TYPES

The electrical performance characteristics of IEC Design N motors in general mirror those of NEMA Design B—the most common type of motor for industrial applications. By the same token, the characteristics of IEC Design H are nearly identical to those of NEMA Design C. There is no specific IEC equivalent to NEMA Design D.

MOTOR EFFICIENCY TEST METHODS

Performance data of single phase motors is determined by using I.E.E.E. Std. 114 (Method B), three phase motors by I.E.E.E. Std. 112 (Method B). Motor efficiency is calculated using CSA C390. These testing methods meet the requirements of EPAct of 1992 and most utility companies.

For complete performance data on all LEESON motors, please review the Find-A-Product section on *www.leeson.com*.

Technical Information

Motors Designed For Use In The Automotive Industry

Automotive Duty 56 frame and U Frame motors (pages 233-240) are designed to meet automotive industry specifications from General Motors (GM-7EQ, GM-7EH), Ford (EM1) and Chrysler (NPEM-100). Actual qualifications for individual ratings are indicated in the footnotes on the price pages.

Automotive Duty T Frame motors (pages 233-240) are designed to meet or exceed Ford EM1-1996 specification(see footnotes on the price pages).

UL Recognized Component Listing

Low voltage (< 600 V) motors in frames 48-449T and 182U-445U listed in this catalog (excludes REW, SREW, SEW, SSEW, MD and SE models) carry UL Recognized Component Listing (contact Lincoln for file number).

Web: www.ul.com

NAFTA

A NAFTA (North American Free Trade Agreement) Certificate of Origin can be supplied on request.

Canadian Standards Association (CSA)

Low voltage (< 600 V) motors in frames 48-449T and 182U-445U listed in this catalog have Canadian Standards Association approval (contact Lincoln for file number).

Web: www.csa-international.org

CE (Conformité Européene)

Lincoln offers a variety of CE-compliant motors.
Copies of Lincoln's Declaration of Conformity for the Low Voltage Directive and Manufacturer's Declaration for the Machinery Directive are available on request.

Motors for Hazardous Locations

NEMA defines an explosion-proof motor as follows: "a totally-enclosed machine designed and constructed to withstand an explosion of a specified gas or vapor which may occur within it and to prevent ignition of specified gas or vapor surrounding the machine by sparks, flashes or explosions of the specified gas or vapor which may occur within the machine casing".

Typical applications include petroleum and chemical plants or pipelines, gasoline pumps and natural gas compressors.

A **dust-ignition-proof** motor is "a totally enclosed machine whose enclosure is designed and constructed in a manner which will exclude ignitable amounts of dust or amounts which might affect performance or rating, and which will not permit arcs, sparks, or heat otherwise generated or liberated inside of the enclosure to cause ignition of exterior accumulations or atmospheric suspensions of a specific dust on or in the vicinity of the enclosure. Successful operation of this type of machine requires avoidance of overheating from such causes as excessive overloads, stalling, or accumulation of excessive quantities of dust on the machine".

Typical applications include grain elevators, coal handling equipment, feed and cereal mills, sugar refineries and chemical plants. Both types of motors are submitted to Underwriters Laboratories (UL) for approval.

The following is a brief description of the hazardous locations of both gaseous and dusty atmospheres as classified by the National Fire Protection Association's (NFPA) National Electrical Code (NEC) and printed from the 1996 Handbook. Consult the National Electrical Code for more information on explosion proof regulations.

Class 1 Group Classifications:

Class C - Atmospheres containing ethyl ether, ethylene, or gases or vapors of equivalent hazard.

Class D - Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methanol, methane, natural gas, naphtha, propane,or gases or vapors of equivalent hazard.

Class 2 Group Classifications:

Group F - atmospheres containing carbonaceous dusts, including carbon black, charcoal, coal or coke dusts that have more than 8% total entrapped volatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard.

Group G - atmospheres containing combustible dusts not included in Group E or F, including flour, grain, wood, plastic, and chemicals.

BAKING INDUSTRY SANITATION STANDARDS COMMITTEE

WASHGUARD II, stainless steel washdown duty motors, NEMA frames 56, 143T, 145T, 182T and 184T are certified to Standard No. 29 for Electric Motors and Accessory Equipment, authorization number 769. The WBMQ Series of gear reducers are BISSC certified to Standard No. 29 for Electric Motors and Accessory Equipment, authorization number 941.

SAUDI ARABIAN STANDARDS ORGANIZATION

SCCP Ref. No.: R-100157

U.S. DEPARTMENT OF ENERGY (DOE)

Compliance Certification (CC) number: CC005A

The CE Mark

CE is an acronym for the French phrase *"Conformite Europeene"* and is similar to the UL or CSA marks of North America. However, unlike UL or CSA which require independent laboratory testing, the CE mark can be applied by the motor manufacturer through "self certifying" that its products are designed to the appropriate standards. The European Union has issued 24 directives related to the **CE** mark. Three Directives apply to electric motors.

Low Voltage Directive (2006/95/EC) This directive applies to electrical equipment operating in the voltage range of 50-1000 volts AC or 75-1500 volts DC. Virtually all LEESON motors (except low voltage DC) are included in this directive.

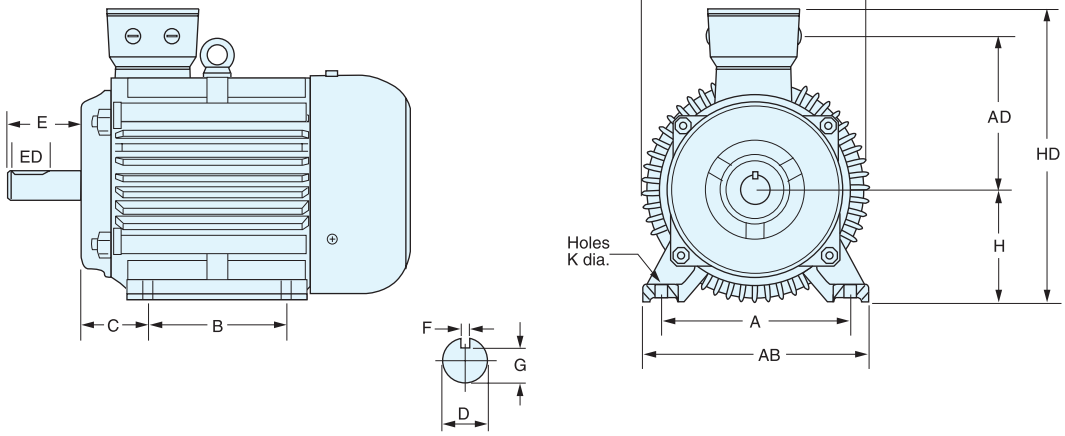
Based on our testing to the applicable electrical and mechanical standards EN60034 and IEC 34, LEESON certifies conformity to this directive. All three phase 50 Hz stock motors comply with the nameplate designations, lead markings and connection diagrams required. A "Declaration of Conformity" accompanies these motors and a CE label is applied.

Machinery Directive (89/3392/EEC) This directive applies to machinery that may contain certain motors. This is an issue with equipment manufacturers and requires the use of a motor meeting the Low Voltage Directive and requires a "Declaration of Incorporation" document which means that only the motor complies with the requirements of the Low Voltage Directive. A CE label is applied to the motor but it remains the responsibility of the equipment manufacturer to obtain certification for the finished product.

Electromagnetic Compatibility (EMC) Directive (2004/108/EC) This directive addresses the final product and is again a concern for the equipment manufacturer. Since this Directive addresses electromagnetic interference (EMI) concerns, it does not affect three phase AC motors because they do not produce EMI. DC motors, however, do produce EMI. How much of the "noise" is emitted outside the machine depends on a host of factors. LEESON's Engineering Department can assist OEM's in applying DC motors in machinery destined for Europe and requiring certification to the EMC Directive.

CE CONFORMITE EUROPEENE

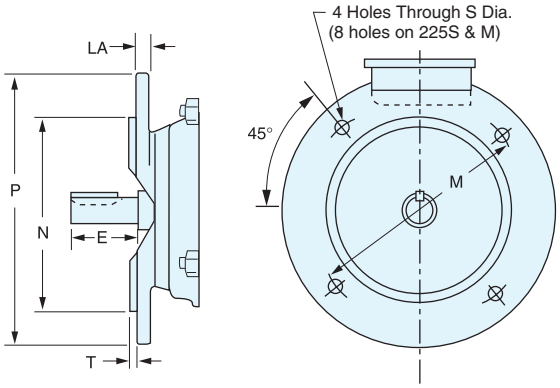
B3 FOOT-MOUNTED



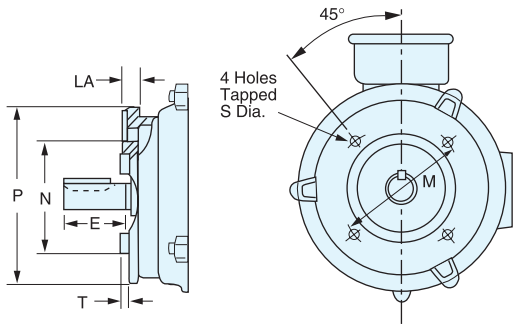
METRIC (IEC) FRAME DIMENSIONS (Millimeters)

Frame	Mounting						Shaft						General			B5 Flange						B14 Face					
	A	B	C	H	AB	K	D	E	F	G	ED	DH	AC	AD	HD	M	N	P	S	T	LA	M	N	P	S	T	LA
D56	90	71	36	56	107	6	9	20	3	7.5	8	M3 x 8	–	–	–	100	80	120	7	2.5	7	65	50	80	M5	2.5	7
D63	100	80	40	63	122	7	11	23	4	8.5	10	M4 x 10	126	84	171	115	95	140	10	3.0	7	75	60	90	M5	2.5	7
D71	112	90	45	71	136	7	14	30	5	11.0	20	M5 x 12.5	141	94	191	130	110	160	10	3.5	7	85	70	105	M6	2.5	9
D80	125	100	50	80	154	10	19	40	6	15.5	25	M6 x 16	159	102	206	165	130	200	12	3.5	12	100	80	120	M6	3.0	9
D90S	140	100	56	90	172	10	24	50	8	20.0	32	M8 x 19	180	112	229	165	130	200	12	3.5	12	115	95	140	M8	3.0	9
D90L	140	125	56	90	172	10	24	50	8	20.0	32	M8 x 19	180	112	229	165	130	200	12	3.5	12	115	95	140	M8	3.0	9
DF100L	160	140	63	100	205	12	28	60	8	24.0	40	M10 x 22	205	130	270	215	180	250	15	4.0	11	130	110	160	M8	3.5	14
DF112M	190	140	70	112	230	12	28	60	8	24.0	40	M10 x 22	240	150	300	215	180	250	15	4.0	12	130	110	160	M8	3.5	11
DF132S	216	140	89	132	270	12	38	80	10	33.0	56	M12 x 28	275	180	345	265	230	300	15	4.0	12	165	130	200	M10	3.5	14
DF132M	216	178	89	132	270	12	38	80	10	33.0	56	M12 x 28	275	180	345	265	230	300	15	4.0	12	165	130	200	M10	3.5	14
DF160M	254	210	108	160	320	15	42	110	12	37.0	80	M16 x 36	330	210	420	300	250	350	19	5.0	13	215	180	250	M12	4.0	13
DF160L	254	254	108	160	320	15	42	110	12	37.0	80	M16 x 36	330	210	420	300	250	350	19	5.0	13	215	180	250	M12	4.0	13
DF180M	279	241	121	180	355	15	48	110	14	42.5	80	M16 x 36	360	236	455	300	250	350	19	5.0	15	–	–	–	–	–	–
DF180L	279	279	121	180	355	15	48	110	14	42.5	80	M16 x 36	360	236	455	300	250	350	19	5.0	15	–	–	–	–	–	–
DF200L	318	305	133	200	395	19	55	110	16	49.0	100	M20 x 42	420	260	505	350	300	400	19	5.0	18	–	–	–	–	–	–
DF225S	356	286	149	225	435	19	55*/ 60	110*/ 140	16*/ 18	49*/ 53	100*/ 125	M20 x 42	450	275	580	400	350	450	19	5.0	18	–	–	–	–	–	–
DF225M	356	311	149	225	435	19	55*/ 60	110*/ 140	16*/ 18	49*/ 53	100*/ 125	M20 x 42	450	275	580	400	350	450	19	5.0	18	–	–	–	–	–	–
DF250M	406	349	168	250		24	60*/ 65	140*/ 140	18*/ 18	53*/ 58	125*/ 125	M20 x 42	508	300	625	–	–	–	–	–	–	–	–	–	–	–	–

* 2 Pole Dimensions
The overall length dimension for each catalog item is listed on pages 148-151 of this catalog.
Frames DF100L through DF132M, conduit box is located in the center of the frame.



B5 FLANGE

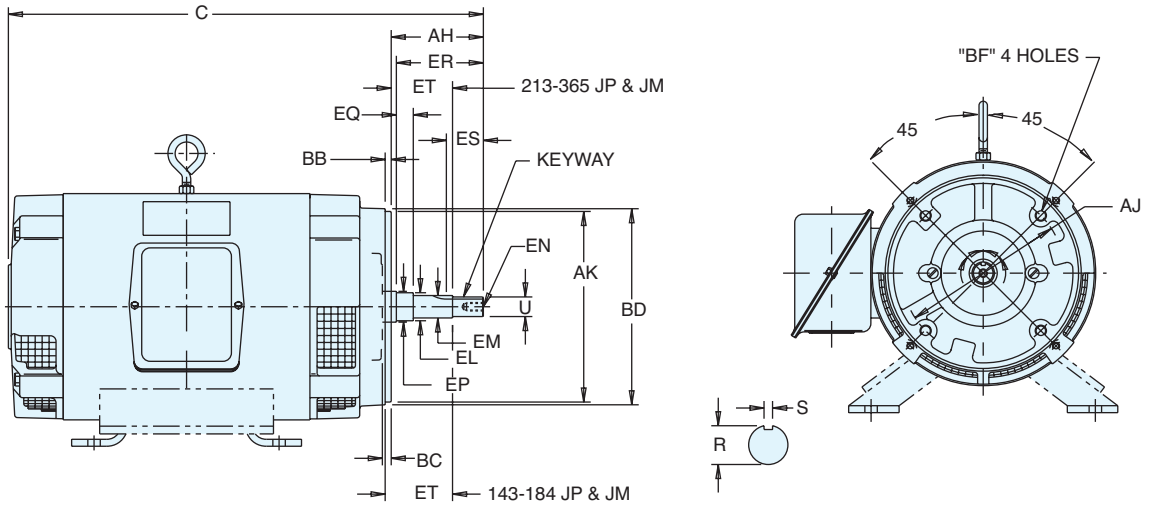


B14 FACE

Technical Information

Dimensions - Definite Purpose - Close Coupled Pump Motors

TYPICAL CLOSE COUPLED PUMP MOTOR



For standard NEMA base dimensions, see pages 280 and 282.

Dimensions for Type JM

Frame Desig.	U	AH	AJ	AK	BB	BD Max.	BF No.	BF Tap Size	BF Bolt Pen. Allow.	EL	EM	EN Tap Size	EN Tap Drill Depth Max.	EN Bolt Pen. Allow.	EP Min.	EQ	ER Min.	Keyseat R	Keyseat ES Min.	Keyseat S	ET
143 & 145JM	0.8745 0.8740	4.15 4.10	5.890 5.860	4.500 4.497	0.150 0.10	6.62	4	3/8-16	0.56	1.156 1.154	1.0000 0.9995	3/8-16	1.12	0.75	1.156	0.640 0.610	4.25	0.771 0.756	1.65	0.190 0.188	2.890 2.860
182 & 184JM	0.8745 0.8740	4.13 4.09	5.89 5.86	4.500 4.497	0.16 0.125	6.62	4	3/8-16	0.56	1.250 1.248	1.0000 0.9995	3/8-16	1.12	0.75	1.250	0.640 0.610	4.25	0.771 0.756	1.65	0.190 0.188	2.890 2.860
213 & 215JM	0.8750 0.8745	4.25	7.265 7.235	8.500 8.497	0.312 0.250	9.00	4	1/2-13	0.75	1.250 1.248	1.0000 0.9995	3/8-16	1.12	0.75	1.750	0.640 0.610	4.25	0.771 0.756	1.65	0.190 0.188	2.890 2.860
254 & 256JM	1.2495 1.2490	5.25	7.250	8.500 8.497	0.312 0.250	10.00	4	1/2-13	0.75	1.750 1.748	1.3750 1.3745	1/2-13	1.50	1.00	1.750	0.640 0.610	5.25	1.112 1.097	2.53	0.252 0.250	3.015 2.985
284 & 286JM	1.2495 1.2490	5.281 5.219	11.00	12.500 12.495	0.312 0.250	14.00	4	5/8-11	0.94	1.750 1.748	1.3750 1.3745	1/2-13	1.50	1.00	2.125	0.645 0.605	5.25	1.112 1.097	2.53	0.252 0.250	3.020 2.980
324 & 326JM	1.2495 1.2490	5.281 5.219	11.00	12.500 12.495	0.312 0.250	14.00	4	5/8-11	0.94	1.750 1.478	1.3750 1.3745	1/2-13	1.50	1.00	2.125	0.645 0.605	5.25	1.112 1.097	2.53	0.252 0.250	3.020 2.980

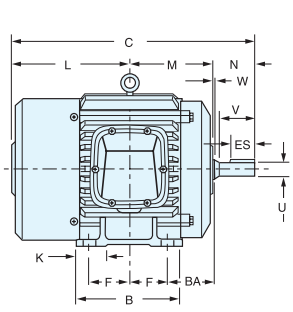
Dimensions for Type JP

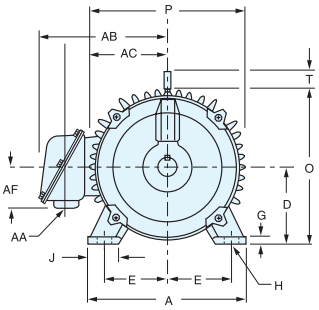
Frame Desig.	U	AH	AJ	AK	BB	BD Max.	BF No.	BF Tap Size	BF Bolt Pen. Allow.	EL	EM	EN Tap Size	EN Tap Drill Depth Max.	EN Bolt Pen. Allow.	EP Min.	EQ	ER Min.	Keyseat R	Keyseat ES Min.	Keyseat S	ET
143 & 145JP	0.8745 0.8740	7.19 7.15	5.890 5.860	4.500 4.497	0.156 0.125	6.62	4	3/8-16	0.56	1.156 1.154	1.0000 0.9995	3/8-16	1.12	0.75	1.156	1.578 1.548	7.312	0.771 0.756	1.65 1.65	0.190 0.188	5.952 5.922
182 & 184JP	0.8745 0.8740	7.21 7.15	5.890 5.860	4.500 4.497	0.156 0.100	6.62	4	3/8-16	0.56	1.250 1.248	1.0000 0.9995	3/8-16	1.12	0.75	1.250	1.578 1.548	7.312	0.771 0.756	1.65	0.190 0.188	5.952 5.922
213 & 215JP	1.2495 1.2490	8.12	7.250	8.500 8.497	0.312 0.250	9.00	4	1/2-13	0.75	1.750 1.748	1.3750 1.3745	1/2-13	1.50	1.00	1.750	2.390 2.360	8.125	1.112 1.097	2.53	0.252 0.250	5.890 5.860
254 & 256JP	1.2495 1.2490	8.156 8.094	7.250	8.500 8.497	0.312 0.250	10.00	4	1/2-13	0.75	1.750 1.748	1.3750 1.3745	1/2-13	1.50	1.00	1.750	2.390 2.360	8.125	1.112 1.097	2.53	0.252 0.250	5.890 5.855
284 & 286JP	1.2495 1.2490	8.156 8.094	11.00	12.500 12.495	0.312 0.250	14.00	4	5/8-11	0.94	1.750 1.748	1.3750 1.3745	1/2-13	1.50	1.00	2.125	2.390 2.360	8.125	1.112 1.097	2.53	0.252 0.250	5.895 5.860
324JP & 326JP	1.2495 1.2490	8.12	11.00	12.500 12.495	0.312 0.250	14.00	4	5/8-11	0.94	1.750 1.748	1.3750 1.3745	1/2-13	1.50	1.00	2.125	2.395 2.355	8.125	1.112 1.097	2.53	0.252 0.250	5.895 5.855
364JP & 365JP	1.6245 1.6240	8.12	11.00	12.500 12.495	0.312 0.250	14.00	4	5/8-11	0.94	2.125 2.13	1.7500 1.7495	1/2-13	1.50	1.00	2.500	2.395 2.355	8.125	1.416 1.401	2.53	0.377 0.375	5.895 5.855

All dimensions are measured in inches. For "C" dimensions, refer to the appropriate catalog page. Certified drawings are available upon request - contact LEESON for details.

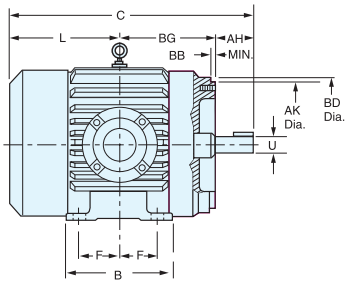
Dimensions - NEMA Explosion Proof - 158 Series

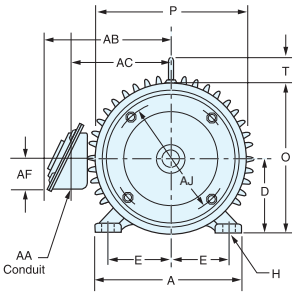
RIGID MOUNT 158 SERIES





C FACE 158 SERIES





NEMA EXPLOSION-PROOF • 158 SERIES • RIGID MOUNT DIMENSIONS (Inches)

Frame Size	A	B	D	E	F	G	H	J	K	L	M	N	O	P	T	U	V	N-W	ES	AA	AB	AC	AF	BA	KEY
182T	9	6	4 1/2	3 3/4	2 1/4	7/16	7/16	1 3/4	1 7/8	6 13/16	4 15/16	2 13/16	9 1/8	9 1/4	—	1.125	2 1/2	2 3/4	1 7/8	3/4	7 13/16	6 9/16	3 1/8	2 3/4	
184T		7			2 3/4					7 5/16	5 7/16	2 15/16													
213T	10 1/2	7	5 1/4	4 1/4	2 3/4	7/16	7/16	2	1 7/8	8 1/8	6 3/16	3 7/16	10 1/2	10 1/2	2 5/16	1.375	3 1/8	3 1/4	2 7/16	1	9 1/4	7 5/8	3 1/2	3 1/2	5/16
215T		8 1/2			3 1/2					8 7/8	6 15/16														
254T	12 1/2	10 1/4	6 1/4	5	4 1/8	5/8	9/16	2 1/2	2 5/8	10 3/8	8 5/16	4 1/16	12 1/2	12 1/2	2 5/16	1.625	3 3/4	3 7/8	2 15/16	1 1/4	10 1/4	8 7/8	3 7/8	4 1/4	
256T		12			5					11 1/4	9 3/16														
284T	13 3/4	11 1/2	7	5 1/2	4 3/4	5/8	9/16	2 1/2	2 3/4	11 13/16	9 7/16	4 11/16	14	14	2 7/16	1.875	4 3/8	4 1/2	3 1/4	1 1/2	12 1/8	10	4 7/16	4 3/4	1/2
284TS												3 5/16				1.625	3	3 1/8	1 15/16						3/8
286T		13			5 1/2					12 9/16	10 3/16	4 11/16				1.875	4 3/8	4 1/2	3 1/4						1/2
286TS												3 5/16				1.625	3	3 1/8	1 15/16						3/8
324T	15 1/2	13 1/4	8	6 1/4	5 1/4	5/8	11/16	2 3/4	3 1/8	13 3/16	10 7/16	5 5/16	16	16	2 5/8	2.125	5	5 1/8	4	2	14 3/8	11 3/4	5 3/8	5 1/4	
324TS												3 13/16				1.875	3 1/2	3 5/8	2						
326T		14 3/4			6					13 15/16	11 3/16	5 5/16				2.125	5	5 1/8	3						
326TS												3 13/16				1.875	3 1/2	3 5/8	2 1/16						
364T	17	15	9	7	5 5/8	7/8	11/16	2 3/4	3 7/8	16 1/16	11 3/8	6	18 1/2	19	12 7/8	2.375	5 5/8	5 3/4	4 1/4	3	16 1/16	13 5/16	6 7/8	5 7/8	5/8
364TS												3 7/8				1.875	3 1/2	3 5/8	2 1/16						1/2
365T					6 1/8					15 9/16	11 7/8	6				2.375	5 5/8	5 3/4	4 1/4						5/8
365TS								3 3/4				3 7/8				1.875	3 1/2	3 5/8	2 1/16						1/2
405T	19	16	10	8	6 7/8	1 1/8	13/16	3 1/4	3 1/4	17 9/16	13 1/8	7 5/8	21 5/16	22 5/16	2 15/16	2.875	7	7 1/8	5 11/16	4	16 3/8	13 1/4	7 1/2	6 5/8	3/4
405TS												4 5/8				2.125	4	4 1/8	2 7/8						1/2

NEMA EXPLOSION-PROOF • 158 SERIES • C FACE DIMENSIONS (Inches)

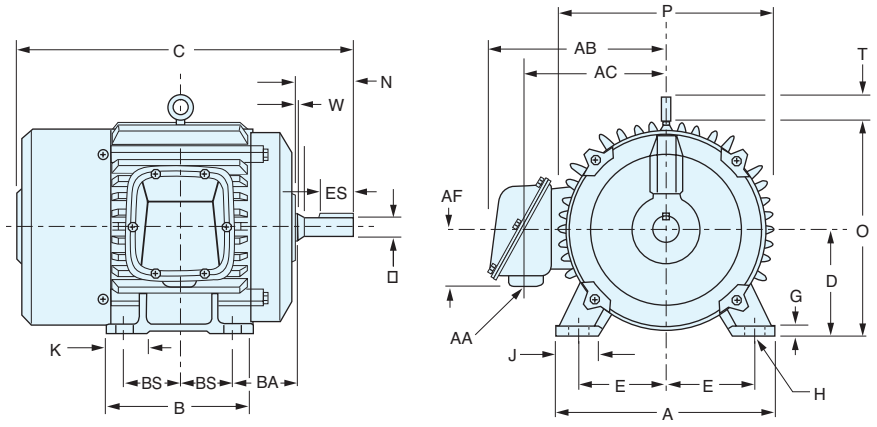
Frame Size	A	B	D	E	F	H	L	O	P	T	U	V	AH	AJ		BB	AK	BD	BG	AA	AB	AC	AF	KEYWAY
														DIA.	BARR.									
182T	9	6	4 1/2	3 3/4	2 1/4	7/16	6 5/8	9 1/8	9 1/4	—	1.1250	2 1/2	2 5/8	7 1/4	4	9/32	8.500	8 3/4	5 7/8	3/4	9 3/8	7 1/8	2 1/2	1/4
184T		7			2 3/4		7 1/8												6 3/8					

The condensed dimensions shown on these pages are for general reference only and are not for construction. The overall length or "C" dimension for each catalog item is included in this catalog. Certified drawings of all ratings are available for construction purposes.

Technical Information

Dimensions - NEMA Explosion Proof - G Series

RIGID MOUNT G-SERIES

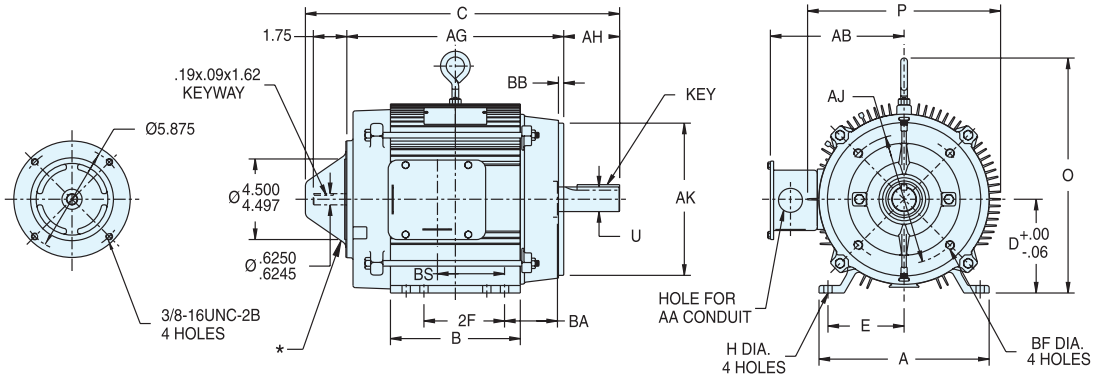


NEMA EXPLOSION-PROOF • G-SERIES • RIGID MOUNT DIMENSIONS (Inches)

Frame Size	A	B	D	E	2F*	G	H	J	K	N	O	P	T	U	N-W	ES	AA	AB	AC	AF	BA	BS	KEY	C Dim
182T	8.88	7.75	—	3.75	6.75	0.45	0.41-0.46	1.56	—	2.78	9.36	9.76	2.62	1.125	2.75	1.75	0.75	9.73	7.13	—	2.75	3.37	0.25	17.12
184T																								
213T	10.38	8.50	5.19	4.25	7.00	0.60	0.44	1.87	_	3.41	10.60	11.50	2.62	1.375	3.38	2.38	0.75	10.94	8.32	2.55	3.50	3.50	0.31	20.18
215T			5.25																					
254T	12.12	10.25	6.19	5.00	8.25	0.55	0.53-0.58	2.08	—	4.19	14.07	14.12	—	1.625	4.00	2.88	1.25	13.67	10.65	3.12	4.25	4.12	0.38	23.52
256T			6.25		10.00																	5.00		25.27
284T	13.00	11.50	6.94	5.50	9.50	0.88	0.53-0.58	2.50	2.50	4.81	14.74	15.50	3.25	1.875	4.62	3.25	1.50	15.33	11.44	5.38	4.75	4.75	0.50	26.30
284TS										3.44				1.625		1.88							0.38	24.94
286T		13.00	7.00		11.00					4.81				1.875		3.25						5.50	0.50	27.80
286TS										3.44				1.625		1.88							0.38	26.44
324T	15.75	13.00	7.94	6.25	10.50	0.86	0.66-0.71	3.50	—	5.50	17.10	16.00	3.25	2.125	5.25	3.88	2.00	16.50	12.64	5.38	5.25	5.25	0.50	28.87
324TS										4.00				1.875	3.75	2.00								27.37
326T		14.50	8.00		12.00					5.50				2.125	5.25	3.88						6.00	0.50	30.37
326TS										4.00				1.875	3.75	2.00								28.87
364T	17.75	13.25	8.94	7.00	11.25	1.12	0.66-0.71	4.00	3.25	6.12	19.00	20.00	3.62	2.375	5.88	4.24	2.50	19.75	14.50	5.38	5.88	5.62	0.62	31.50
364TS										4.00				1.875	3.75									29.38
365T		14.25	9.00		12.25					6.12				2.375	5.88							6.12		32.50
365TS										4.00				1.875	3.75									30.38
405T	19.25	16.25	—	8.00	13.75	1.12	0.81-0.86	4.25	3.75	7.50	20.87	21.75	3.62	2.875	7.25	5.62	2.50	21.50	16.38	5.38	6.62	6.88	0.75	37.12
405TS										4.50				2.125	4.25	2.75							0.50	34.12
444T	21.50	18.00	10.94	9.00	14.50	1.25	0.81-0.86	3.75	4.50	8.75	23.12	24.25	3.62	3.375	8.50	6.88	2.50	22.75	17.50	5.38	7.50	7.25	0.88	41.25
444TS										5.00				2.375	4.75	3.00							0.62	37.50
445T		19.75	11.00		16.50	1.22			5.12	8.75	24.11	26.31	2.44	3.375	8.50	6.88	3.00	27.24	20.06	6.18		8.25	0.88	43.19
445TS										5.00				2.375	4.75	3.00							0.62	39.44
449T		28.25			25.00	1.25			9.88	8.75	24.19	26.31	0.77	3.375	8.50	6.88		26.09	18.88			1.78	0.88	51.69
449TS										5.00				2.375	4.75	3.00							0.62	47.97

* 182-4T and 213-5T frames have eight-hole bases. 449T and TS frames have six-hole bases. Others have four-hole bases.

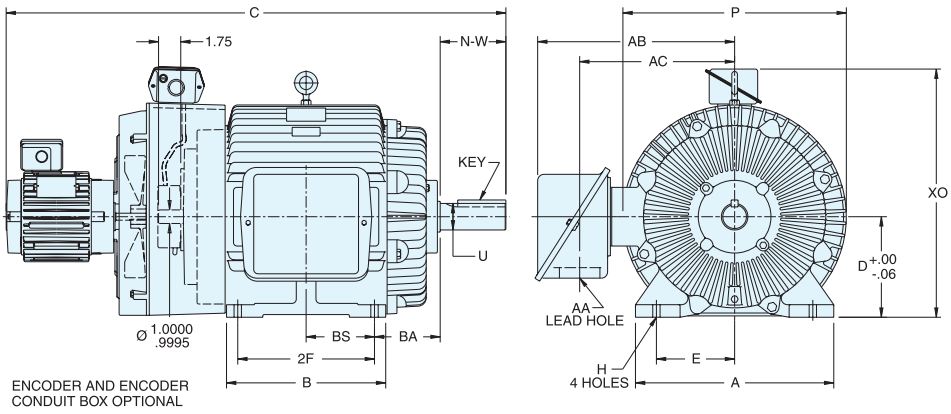
TENV—C FACE, RIGID BASE



TENV • C FACE • RIGID BASE • DIMENSIONS (Inches)

Frame Size	D	E	2F	H	O MAX.	P MAX.	U	AA	AB MAX.	AG MAX.	AH	AJ	AK	BA	BB	BF	BS	KEY
143TC	3.50	2.75	4.00	.38	7.45	7.98	.875	1.09	7.04	9.25	2.12	5.875	4.50	2.62	.13	3/8-16	2.81	.19 x .19 x 1.38
145TC	3.50	2.75	5.00	.35	7.45	7.98	.875	1.09	7.04	10.25	2.12	5.875	4.50	2.62	.13	3/8-16	3.81	.19 x .19 x 1.38
182TC	4.50	3.75	4.50	.41	9.36	9.76	1.125	1.09	8.08	11.75	2.62	7.250	8.50	3.50	.27	1/2-13	2.25	.25 x .25 x 1.75
184TC	4.50	3.75	5.50	.41	9.36	9.76	1.125	1.09	8.08	12.75	2.62	7.250	8.50	3.50	.27	1/2-13	2.75	.25 x .25 x 1.75
213TC	5.25	4.25	5.50	.44	10.97	11.50	1.375	1.09	9.31	15.12	3.12	7.250	8.50	4.25	.27	1/2-13	3.50	.31 x .31 x 2.38
215TC	5.25	4.25	7.00	.44	10.97	11.50	1.375	1.09	9.31	17.31	3.12	7.250	8.50	4.25	.27	1/2-13	6.18	.31 x .31 x 2.38
254TC	6.25	5.00	8.25	.53	14.09	14.27	1.625	1.25	9.83	19.06	3.75	7.250	8.50	4.75	.27	1/2-13	6.31	.38 x .38 x 2.88
256TC	6.25	5.00	10.00	.56	14.09	14.27	1.625	1.25	11.08	18.82	3.75	7.250	8.50	4.75	.27	1/2-13	5.00	.38 x .38 x 2.88
284TC	7.00	5.50	9.50	.56	14.16	14.32	1.875	1.50	12.31	20.57	4.38	9.000	10.50	4.75	.27	1/2-13	5.50	.50 x .50 x 3.25

TEBC—TOTALLY ENCLOSED BLOWER COOLED, RIGID BASE



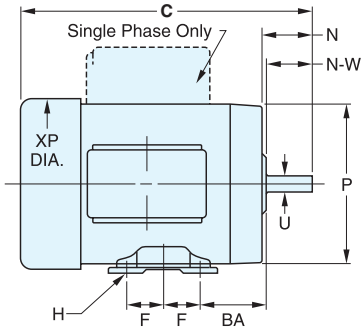
TEBC • TOTALLY ENCLOSED BLOWER COOLED • RIGID BASE • DIMENSIONS (Inches)

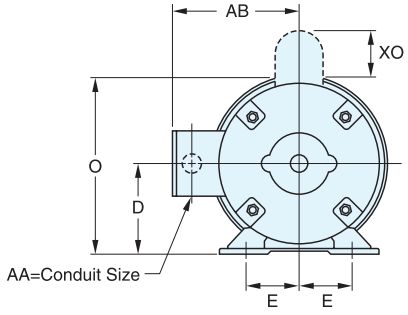
Frame Size	D	E	2F	H	O MAX.	P MAX.	U	AA	AB MAX.	AC MAX.	BA	BS	FU	N-W	KEY
325T	8.00	6.25	10.50	.66	16.00	15.88	2.12	2.00	13.69	10.69	5.25	5.25	1.00	5.25	.50 x .50 x 3.88
326T	8.00	6.25	12.00	.66	16.00	15.88	2.12	2.00	13.69	10.69	5.25	6.00	1.00	5.25	.50 x .50 x 3.88
364T	9.00	7.00	11.25	.66	19.00	20.00	2.38	3.62	17.85	14.56	5.88	5.62	1.00	5.88	.62 x .62 x 4.25
365T	9.00	7.00	12.25	.66	19.00	20.00	2.38	3.62	17.85	14.56	5.88	6.12	1.00	5.88	.62 x .62 x 4.25
404T	10.00	8.00	12.25	.81	20.88	21.75	2.88	3.62	18.75	14.75	6.62	6.12	1.00	7.25	.75 x .75 x 5.62
405T	10.00	8.00	13.75	.81	20.88	21.75	2.88	3.62	19.75	16.25	6.62	6.88	1.00	7.25	.75 x .75 x 5.62
444T	11.00	9.00	14.50	.81	24.19	25.31	3.38	3.62	20.94	17.38	7.50	7.25	1.00	8.50	.88 x .88 x 6.88
445T	11.00	9.00	16.50	.81	24.19	26.31	3.38	3.62	20.94	17.38	7.50	8.25	1.00	8.50	.88 x .88 x 6.88
449T	11.00	9.00	25.00	.81	24.22	26.31	3.38	4.62	25.90	19.31	7.50	1.78	1.00	8.50	.88 x .88 x 6.88

Technical Information

Dimensions - NEMA Steel Frame Motors

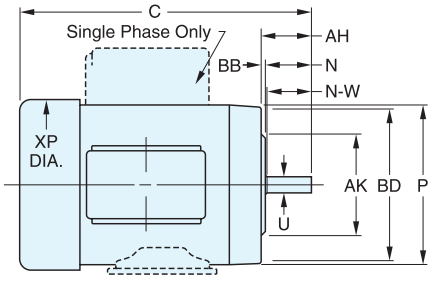
RIGID MOUNT

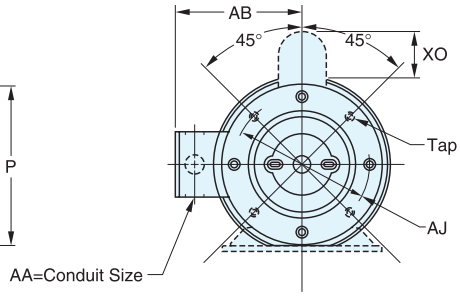




The condensed dimensions shown on these pages are for general reference only and are not for construction. The overall length or "C" dimension for each catalog item is included in this catalog. Certified drawings of all ratings are available for construction purposes.

C FACE





NEMA SHAFT AND KEYWAY DIMENSIONS ■ (Inches)

NEMA SHAFT (U)	KEYWAY DIMENSIONS (R)	(S)	NEMA SHAFT (U)	KEYWAY DIMENSIONS (R)	(S)
3/8	21/64	FLAT	1-7/8	1-19/32	1/2
1/2	29/64	FLAT	2-1/8	1-27/32	1/2
5/8	33/64	3/16	2-3/8	2-1/64	5/8
7/8	49/64	3/16	2-1/2	2-3/16	5/8
1-1/8	63/64	1/4	2-7/8	2-29/64	3/4
1-3/8	1-13/64	5/16	3-3/8	2-7/8	7/8
1-5/8	1-13/32	3/8	3-7/8	3-5/16	1

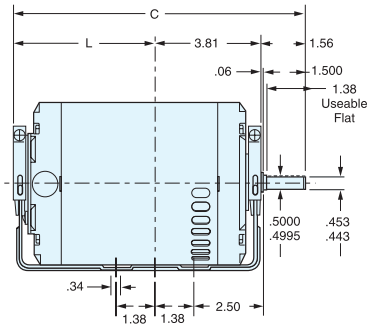
■ S is keyway width.
U minus R is keyway depth.

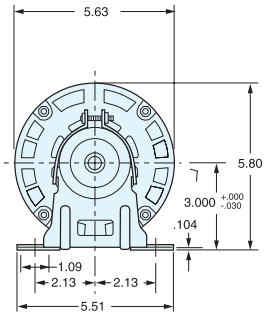
NEMA STEEL FRAME DIMENSIONS (Inches)

Frame Size ▲	D	E	F	H	N	O	P	U	N-W	AA	AB	AH	AJ	AK	BA	BB	BD	XO	XP	TAP **	KEY
42	2 5/8	1 3/4	27/32	9/32 Slot	1 3/16	5 1/16	4 7/8	3/8	1 1/8	3/8	4 1/2	1 5/16	3 3/4	3	2 1/16	1/8	4 7/8	1 5/8	5 1/8	1/4-20	3/64 Flat
48	3	2 1/8	1 3/8	11/32 Slot	1 9/16	5 13/16	5 19/32	1/2	1 1/2	1/2	4 7/8	1 11/16	3 3/4	3	2 1/2	1/8	5	2 1/4	5 7/8	1/4-20	3/64 Flat
S56	3 1/2	2 7/16	1 1/2	11/32 Slot	1 15/16	6 5/16	5 19/32	5/8	1 7/8	1/2	4 7/8	2 1/16	5 7/8	4 1/2	2 3/4	1/8	6 1/2	2 1/4	5 7/8	3/8-16	3/16
56						6 13/16	6 19/32				5 5/16								7 5/32		
143T	3 1/2	2 3/4	2	11/32	2 3/8	6 13/16	6 19/32	7/8	2 1/4	3/4	5 5/16	2 1/8	5 7/8	4 1/2	*2 1/4	1/8	6 1/2	2 1/4	7 5/32	3/8-16	3/16
145T			2 1/2																		
182T	4 1/2	3 3/4	2 1/4	13/32	2 7/8	8 3/4	8 15/32	1 1/8	2 3/4	3/4	6 7/16	2 5/8	7 1/4	8 1/2	*2 3/4	1/4	8 7/8	2 1/4	9 7/32	1/2-13	1/4
184T			2 3/4																		
S213T	5 1/4	4 1/4	2 3/4	13/32	3 1/2	9 27/32	8 13/32	1 3/8	3 3/8	3/4	7 19/32	3 1/8	7 1/4	8 1/2	*3 1/2	1/4	8 7/8	2 1/4	9 7/32	1/2-13	5/16
213T			2 3/4		—	10 5/8	9 21/32										8 5/8		10 13/16		
215T			3 1/2																		

* 143-5TC NEMA C face BA dimension is 2¾". 182-4TC NEMA C face BA dimension is 3½". 213-5TC NEMA C face BA dimension is 4¼".
** 326TC and smaller have 4 mounting holes in NEMA C face, 364TC and larger have 8 mounting holes.
▲ Blue shading denotes dimensions established by NEMA standard MG1, others are unique to LEESON, and will vary with each manufacturer.

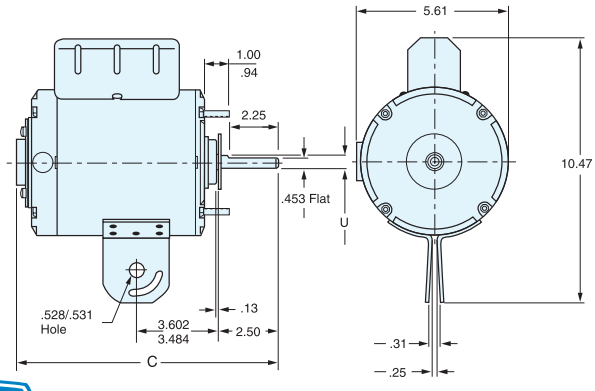
Split-Phase Motors - 191868, 191869 & 191870 (page 111)



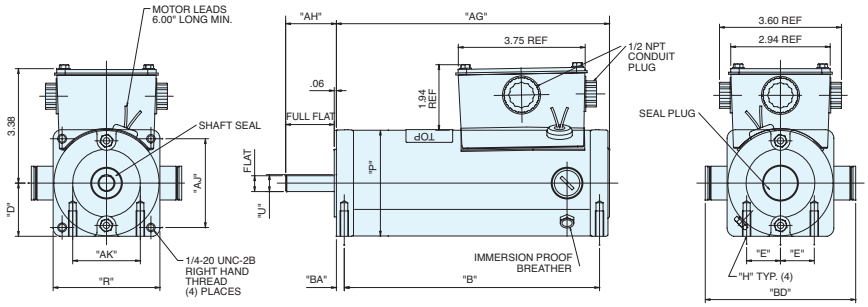


Pedestal Fan Motors (page 111)

Note: Motors with U = .625 have a 3/16" keyway.

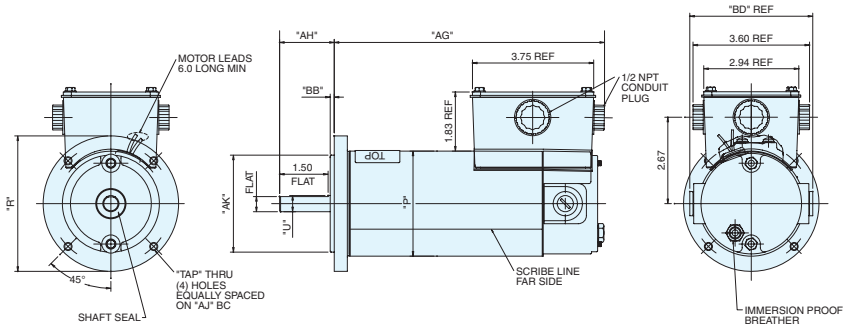


Dimensions - NEMA Steel Frame Motors



WASHGUARD 31 FRAME SQUARE FLANGE MOUNT STYLE DIMENSIONS (Inches)

Catalog Number	Frame	AG	P	BD	U	AH	AH-BB	AJ	Tap	R	AK	BB	D	BA	E	F	H
M1120181	31S	7.07	3.13	3.80	.50000	1.5	1.44	2.63	1/4-20	3.16	1.99	.07	1.57	.235	1.000	6.55	1/4-20
M1120182	31S	6.57	3.13	4.45	.50000	1.5	1.44	2.63	1/4-20	3.16	1.99	.07	1.57	.235	1.000	6.05	1/4-20
M1120183	31S	8.57	3.13	3.80	.50000	1.5	1.44	2.63	1/4-20	3.16	1.99	.07	1.57	.235	1.000	8.05	1/4-20
M1120184	31S	8.07	3.13	4.45	.50000	1.5	1.44	2.63	1/4-20	3.16	1.99	.07	1.57	.235	1.000	7.55	1/4-20



WASHGUARD 42C FACE MOUNT STYLE DIMENSIONS (Inches)

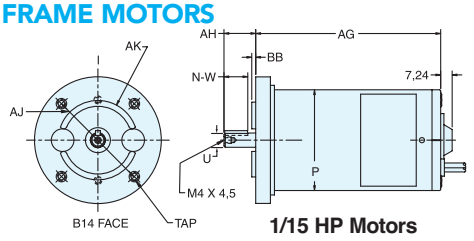
Catalog Number	Frame	AG	P	U	AH	AH-BB	KEY	AJ	TAP	AK	R	BD
M1120185	32F42CZ	8.36	3.25	.500	1.69	1.50	.13 SQ	3.750	1/4-20	3.00	4.19	3.80
M1120186	32F42CZ	7.86	3.25	.500	1.69	1.50	.13 SQ	3.750	1/4-20	3.00	4.19	4.43

ALL DIMENSIONS IN INCHES

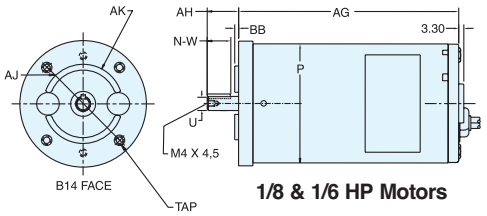
Technical Information

Dimensions

COMMERCIAL DUTY METRIC (IEC) FRAME MOTORS



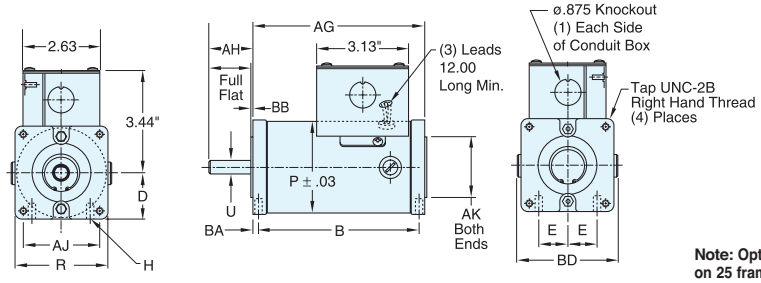
1/15 HP Motors



1/8 & 1/6 HP Motors

DIMENSIONS (Inches)

Frame	Voltage	AG	P	U	AH	N-W	AJ	TAP	AK	BB
	12	4.59	2.50	.35	.787	.591	2.56	M5x.8	1.97	.10
2.50	24	4.59	2.50	.35	.787	.591	2.56	M5x.8	1.97	.10
	90	4.59	2.50	.35	.787	.591	2.56	M5x.8	1.97	.10
	12	5.53	3.00	.35	.787	.591	2.56	M5x.8	1.97	.10
3.00	24	5.53	3.00	.35	.787	.591	2.56	M5x.8	1.97	.10
	90	5.53	3.13	.35	.787	.591	2.56	M5x.8	1.97	.10
	12	5.87	3.00	.35	.787	.591	2.56	M5x.8	1.97	.10
3.00	24	5.87	3.00	.35	.787	.591	2.56	M5x.8	1.97	.10
	90	5.87	3.13	.35	.787	.591	2.56	M5x.8	1.97	.10



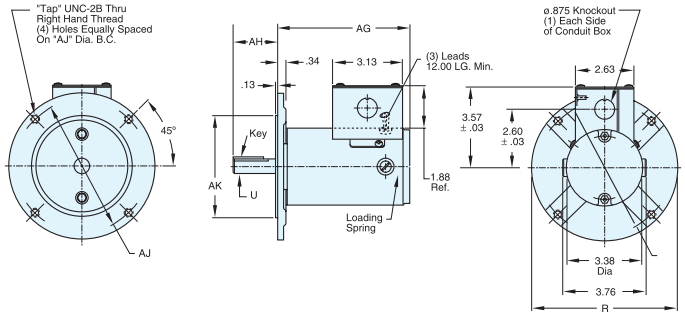
Note: Optional conduit box not included on 25 frame models.

Conduit box dimensions shown here are for 31 frame only.

25 & 31 FRAME SQUARE FLANGE MOUNT DIMENSIONS (Inches)

Frame	& Type	AG	P	BD	U	AH	AH-BB	AJ	TAP	R	AK	BB	D	BA	E	B	H
25	**AS**	4.08	2.50	3.00	.312	1.5	1.00	1.73	8-32	2.62	.997	.03	1.28	.125	.625	3.83	8-32
	CS	4.94	2.50	3.00	.312	1.5	1.00	1.73	8-32	2.62	.997	.03	1.28	.125	.625	4.69	8-32
31	**BS**	5.39	3.07	3.45	.5000	1.5	1.00	2.63	1/4-20	3.16	1.99	.07	1.57	.235	1.000	4.92	1/4-20
	CS**	5.89	3.07	3.45	.5000	1.5	1.00	2.63	1/4-20	3.16	1.99	.07	1.57	.235	1.000	5.42	1/4-20
	ES**	6.89	3.07	3.45	.5000	1.5	1.00	2.63	1/4-20	3.16	1.99	.07	1.57	.235	1.000	6.42	1/4-20
	GS	7.89	3.07	3.45	.5000	1.5	1.00	2.63	1/4-20	3.16	1.99	.07	1.57	.235	1.000	7.42	1/4-20

**Catalog numbers M1120041 & M1120044 have an 'AG' & 'F' dimension that is .5" longer than stated in table.



42C FACE MOUNT DIMENSIONS (Inches)

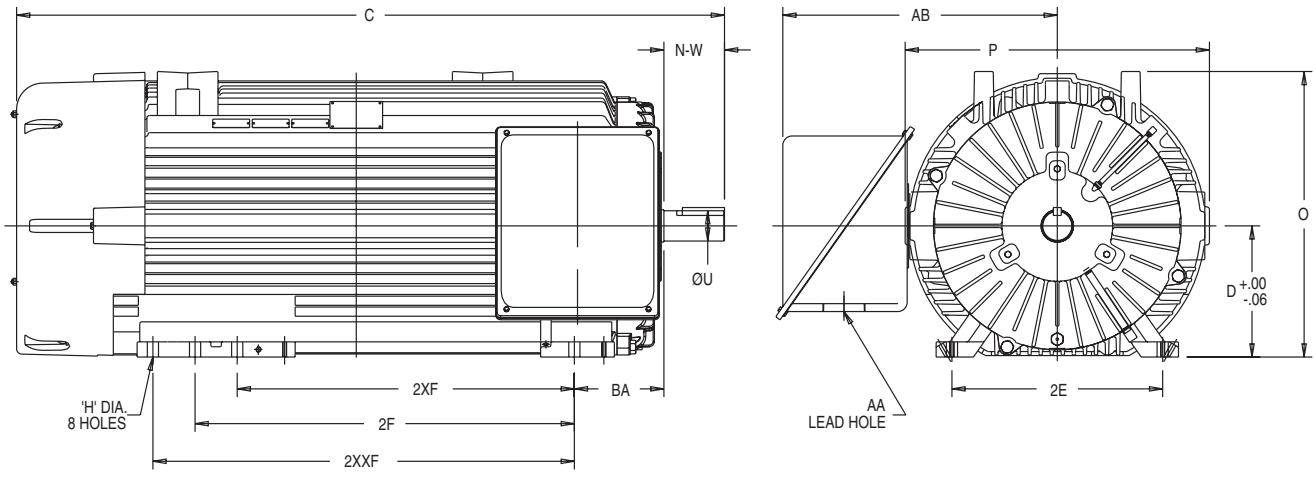
Frame	AG	P	U	AH	AH-BB	KEY	AJ	TAP	AK	R
34D42C	6.43	3.38	.500	1.38	1.25	.13 SQ	3.750	1/4-20	3.00	4.25

56C FACE MOUNT DIMENSIONS (Inches)

Frame	AG	P*	U	AH	AH-BB	KEY	AJ	TAP	AK	R
34E56C	6.87	3.38	.625	2.06	1.93	.19 SQ	5.875	3/8-16	4.50	6.50
34G56C	8.59	3.38	.625	2.06	1.93	.19 SQ	5.875	3/8-16	4.50	6.50

*For 1/4 HP 34 frame TEFC designs. Fan cover diameter is 3.88".

LEESON®



FRAME	H	BA	2XF	2F	2XXF	N-W	U	AB (MAX.)	P (MAX.)	O (MAX.)	D	2E	AA
5010LS	1.062 1.077	8.50	32.00	—	—	5.75	2.875 2.874	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5011LS	1.062 1.077	8.50	—	36.00	—	5.75	2.875 2.874	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5012LS	1.062 1.077	8.50	—	—	40.00	5.75	2.875 2.874	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5013LS	1.062 1.077	8.50	45.00	—	—	5.75	2.875 2.874	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5010LX	1.062 1.077	8.50	32.00	—	—	12.00	3.875 3.874	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5011LX	1.062 1.077	8.50	—	36.00	—	12.00	3.875 3.874	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5012LX	1.062 1.077	8.50	—	—	40.00	12.00	3.875 3.874	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5013LX	1.062 1.077	8.50	45.00	—	—	12.00	3.875 3.874	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5010L	1.062 1.077	8.50	32.00	—	—	9.50	4.000 3.999	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5011L	1.062 1.077	8.50	—	36.00	—	9.50	4.000 3.999	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5012L	1.062 1.077	8.50	—	—	40.00	9.50	4.000 3.999	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5013L	1.062 1.077	8.50	45.00	—	—	9.50	4.000 3.999	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5010S	1.062 1.077	8.50	32.00	—	—	5.75	2.625 2.624	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5011S	1.062 1.077	8.50	—	36.00	—	5.75	2.625 2.624	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5012S	1.062 1.077	8.50	—	—	40.00	5.75	2.625 2.624	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT
5013S	1.062 1.077	8.50	45.00	—	—	5.75	2.625 2.624	26.05	28.88	27.08	12.470 12.410	20.00	4.00 NPT

All dimensions are measured in inches. For "C" dimensions, refer to the appropriate catalog page. Certified drawings are available upon request - contact LEESON Electric for details.

TERMS AND CONDITIONS OF SALE

For the full version of the Terms and Conditions of Sales with Supplements A and B - Visit http://www.regalbeloit.com/what-we-do/products-brands/

Regal STCS Rev 8-13

ALL QUOTATIONS ARE OFFERED AND ALL PURCHASE ORDERS ARE ACCEPTED BY SELLER SUBJECT ONLY TO THESE TERMS AND CONDITIONS.

1. DEFINITIONS: *"Buyer"* means the entity to which Seller is selling Products or Services under a Contract. • *"Contract"* means the agreement between Buyer and Seller governing the sale of Products and/or Services by Seller to Buyer. These Terms and Conditions, the Quotation (if one is issued by Seller), any purchase order acknowledgement (if one is issued by Seller), and Buyer's purchase order (except to the extent that it conflicts with these Terms and Conditions, the Quotation, and/or the order acknowledgement) constitute the Contract. • *"Products"* means the equipment, parts, materials, supplies, and other goods that Seller has agreed to supply under the Contract. References in these Terms and Conditions to the purchase and sale of Products may mean, where applicable, the licensing of Software loaded on or provided with the Products. • *"Quotation"* means Seller's statement identifying the Products and Services, together with any quantity, price, delivery schedule, and/or other terms and conditions (in addition to or different from these Terms and Conditions), offered by Seller for sale to Buyer. A Quotation that incorporates these Terms and Conditions by reference shall be deemed to include these Terms and Conditions, whether or not Seller provides a complete copy of these Terms and Conditions to Buyer with the Quotation, with a purchase order acknowledgement, or with an invoice. Where there is a conflict between these Terms and Conditions and other provisions of the Quotation, the latter shall control. • *"Services"* means the services that Seller has agreed to provide under the Contract. • *"Software"* means software loaded on or provided with the Products. • *"Seller"* means the Regal entity -- whether Regal Beloit Corporation ("RBC") or an RBC subsidiary – supplying Products and/or providing Services under the Contract. • *"Terms and Conditions"* means these "Terms and Conditions of Sale."

2. CONTRACT FORMATION: No agreement or understanding, oral or written, purporting to modify these Terms and Conditions shall be binding on Seller unless it is made in writing, specifically stating that it is a modification of these Terms and Conditions and it is signed by Seller's authorized representative. No course of dealing, usage of trade, or course of performance shall be relevant to explain or supplement any of these Terms and Conditions. If these Terms and Conditions are deemed an offer, Buyer's acceptance of Seller's offer is expressly limited to acceptance of these Terms and Conditions. Fulfillment of Buyer's order does not constitute acceptance of any of Buyer's terms and conditions and does not modify or amend these Terms and Conditions. Buyer's purchase order for the purchase of Products and/or for the performance of Services shall constitute Buyer's assent to these Terms and Conditions. Any terms and conditions contained in Buyer's purchase order or other form of communication from Buyer that are additional to or different from these Terms and Conditions, shall be deemed rejected by Seller, unless expressly accepted in writing by Seller's authorized representative. Alternatively, if these Terms and Conditions are deemed to be a response to, an acceptance of, or a written confirmation of, Buyer's offer, whether provided in the form of a purchase order or otherwise, Seller's acceptance is expressly conditioned upon Buyer's assent to these Terms and Conditions. Buyer's acceptance of Products tendered to Buyer by Seller shall constitute Buyer's express assent to all of the terms and conditions contained in these Terms and Conditions. All proposals, negotiations and representations, if any, made prior to or with reference hereto are hereby superseded by these Terms and Conditions. References in this Section to "these Terms and Conditions" shall be deemed to mean these Terms and Conditions and Seller's Quotation, if Seller has issued a Quotation.

3. ACCEPTANCE OF PURCHASE ORDERS: No Buyer purchase order shall be binding on Seller until accepted in writing by Seller, and Seller shall have no liability to Buyer with respect to purchase orders that are not accepted. Shipment against a purchase order shall be deemed to constitute Seller's acceptance thereof, subject to these Terms and Conditions. All purchase orders shall be subject to these Terms and Conditions, whether or not the purchase orders so state. Purchase orders accepted by Seller may not be cancelled or modified by Buyer without the prior written consent of Seller.

4. QUOTATIONS: Quotations shall expire and shall be void thirty (30) days from date of the Quotation, unless otherwise specified in the Quotation. The Quotation may be modified or withdrawn by Seller at any time before Seller's receipt of Buyer's conforming acceptance.

5. PRICES; PRICE CHANGES:
(a) Products. The price of the Products sold pursuant to the Contract shall be as set forth in the Quotation. If price is not specified in the Quotation, price shall be based upon Seller's prices in effect at the time of shipment. Published prices are for Products of Seller's current standard design and constructed of standard materials. Variation from the standard design and/or materials requires special pricing. Seller reserves the right at any time, and without incurring any obligation, to discontinue the manufacture of any model, to withdraw products from sale, to make changes in design, and/or to add improvements to products. Price also shall be based on freight rates in effect at the time of shipment. Where applicable, in the event of an increase in the applicable freight rates before the shipment of Products, such changes will be for the account of Buyer. Price advances, discounts, extras and other terms and conditions are subject to change without notice. Unless otherwise provided in the Quotation, price is based on delivery in accordance with the "Delivery" section below. Prices include Seller's standard packing. **(b) Services.** Services prices are based on normal business hours (8 AM to 5 PM Monday through Friday). Overtime and Saturday hours will be billed at one and one half (1.5) times the normal business hour hourly rate. Sunday hours will be billed at two (2) times the normal business hours hourly rate; holiday hours will be billed at three (3) times the normal business hours hourly rate.

6. TAXES, DUTIES AND FEES: Seller shall be responsible for taxes measured on Seller's net income based upon performance of, or payment for, work under the Contract ("Seller Taxes"). Buyer shall be responsible for all other taxes, duties, fees or other charges of any kind (including, but not limited to any manufacturer's tax, retailers' occupation tax, use tax, sales tax, excise tax, duty, custom, inspection or testing fee, value added tax, or any other tax, fee or charge of any nature whatsoever) imposed by any governmental authority against Buyer, Seller or Seller's suppliers and/or contractors, based upon the Contract between Seller and Buyer. In the event Seller is required to pay any such tax, fee or charge, regardless whether such tax, fee or charge is imposed before or after Seller's delivery of the Products and/or Buyer's payment under the Contract, Buyer shall reimburse Seller therefor. In lieu of such reimbursement, Buyer shall provide Seller, at the time the order is submitted, with an exemption certificate or other document acceptable to the authority imposing such tax, fee or charge. If Seller's prices include any taxes, duties or fees (other than Seller Taxes), any change in such taxes, duties and/or fees shall be the basis for a price adjustment.

7. TERMS OF PAYMENT:
(a) Terms. Terms of payment are cash in full, without set-off or discount, in U.S. dollars, and by wire transfer, no later than thirty (30) days from date of invoice. **(b) Payment Default.** If Buyer defaults in any payment when due, or in the event that any voluntary or involuntary bankruptcy or insolvency proceedings involving Buyer are initiated by or against Buyer, then the whole Contract price shall immediately become due and payable upon demand, or Seller, at its option and without prejudice to its other lawful remedies, may defer delivery or cancel the Contract. Where delivery is deferred and Seller does not demand immediate payment of the full Contract price, pro-rata payments shall become due as shipments are made. **(c) Buyer Financial Condition.** If, during the period of performance of the Contract, the financial condition of Buyer is determined by Seller not to justify the terms of payment specified, Seller may demand full or partial payment in advance before proceeding with the work, or satisfactory security or guarantees that invoices will be promptly paid when due, or, at its option, without prejudice to other lawful remedies, may defer delivery or cancel the Contract. **(d) Delay.** If delivery is delayed by Buyer, which delay must be consented to by Seller, Seller may store the Products in accordance with subsection 8(e) "Storage" below and Seller may submit a new estimate of cost for completion based on prevailing conditions. Payments shall become due from the date on which Seller is prepared to deliver the Products and storage shall be the Buyer's risk and expense as provided in subsection 8(e) "Storage" below. If manufacture is delayed by Buyer for any cause, a partial payment based upon the proportion of the order completed shall become due from the date on which Seller is notified of the delay.**(e) Late Payment Charge.** Buyer shall pay a late payment charge on all amounts not paid in full when due at the rate of one and one half percent (1.5%) per month or at the maximum legally permissible rate, whichever is lower. **(f) Exceptions.** Supplement A to these Terms and Conditions lists Seller business units for which payment terms vary from payment terms set forth in this Section 7.

8. DELIVERY; TITLE TRANSFER; RISK OF LOSS/DAMAGE:
(a) Delivery – U.S. Buyer. For sales in the U.S. that do not involve export from the U.S., Seller shall deliver Products to Buyer EXW Seller's U.S. point of shipment (Incoterms® 2010). The point of shipment shall be the shipping dock of Seller's factory, warehouse or other facility that Seller designates as its discretion as point of shipment from time to time. **(b) Sales Involving Exports from U.S.** *(1) Delivery -- U.S. Buyer; Subsequent Drop Shipment to Location Outside U.S.* For sales in the U.S. to a U.S. Buyer, that involve drop shipment at Buyer's request and/or on Buyer's behalf, to a location outside the U.S. Seller shall deliver the Products to Buyer EXW Seller's U.S. point of shipment (Incoterms® 2010). The point of shipment shall be the shipping dock of Seller's factory, warehouse or other facility that Seller designates at its discretion as its point of shipment from time to time. Buyer is responsible for all transportation charges incurred after delivery of the Products to the carrier or Buyer at the point of shipment and shall reimburse Seller for any transit insurance or freight pre-paid for the Products by Seller. Buyer shall bear the risk of loss and/or damage in transportation. Buyer is responsible for filing any export documents required for export from the U.S. *(2) Delivery – Non-U.S. Buyer; Routed Export Transactions.* For sales in the U.S. to a non-U.S. Buyer, Seller shall deliver Products to Buyer's freight forwarder EXW Seller's U.S. point of shipment (Incoterms® 2010). The point of shipment shall be the shipping dock of Seller's factory, warehouse or other facility that Seller designates at its discretion as its point of shipment from time to time. In a "Routed Export Transaction," as defined in the U.S. Census regulations, 15 CFR Section 30.3, where Buyer is a non-U.S. entity, Buyer shall authorize Buyer's designated freight forwarder or Seller to facilitate the export of the Products from the U.S. and to prepare and file export documentation with respect to such export transaction (hereafter, to "Facilitate the Export"). If Buyer authorizes its designated freight forwarder to Facilitate the Export, Buyer's freight forwarder shall provide Seller with a copy of the final export documentation and proof of filing. If Buyer authorizes Seller to Facilitate the Export, Buyer shall cause Buyer's freight forwarder to provide Seller the information needed by Seller to Facilitate the Export. Buyer shall give timely notice to Seller identifying whom it has designated to Facilitate the Export. **(c) Delivery Dates.** Delivery dates are approximate, are not guaranteed and are based upon prompt receipt by Seller from Buyer of all necessary shipping and other information. Seller may deliver in advance of the delivery schedule. Seller reserves the right to make delivery in installments, with all installments to be separately invoiced and paid for by Buyer when due per invoice, without regard to subsequent deliveries. Delivery of the Products to a commercial carrier at the shipping point shall constitute delivery to Buyer. **(d) Title Transfer.** Title to Products shall pass to Buyer upon the earlier of delivery of the Products to the carrier or Buyer at the point of shipment in accordance with subsection (a) above, except that, for Routed Export Transactions, title shall transfer to Buyer upon delivery to Buyer's designated freight forwarder. Subject to applicable law, Seller, upon notice to Buyer, may retain title to the Products until such time as Seller receives payment in full from Buyer. Title to Software shall not pass to Buyer and is subject to the applicable license. **(e) Risk of Loss/Damage.** Risk of loss and/or damage shall pass to Buyer upon delivery in accordance with subsection (a) above, except that, for Routed Export Transactions, risk of loss and/or damage shall pass upon delivery of the Products to Buyer's designated freight forwarder. **(f) Delivery by Seller's Carrier.** Where the parties agree that delivery shall be made at a location other than Seller's point of shipment, where Seller will deliver using its carrier or Seller's privately owned or leased trucks, unloading at the agreed location shall constitute delivery to Buyer. Freight and handling charges by Seller may not reflect actual freight charges prepaid to the carrier by Seller due to incentive discounts earned by Seller based upon Seller's aggregate volume of freight tendered to a carrier or when a carrier must be used which charges a rate which is different than the rate upon which Seller's freight and handling charges were based. When shipments are delivered in Seller's privately owned or leased trucks, Buyer will be charged an amount approximating the prevailing common carrier rate. **(g) Storage.** In the event that Buyer is unable to accept delivery of the Products at time of shipment, Seller shall invoice Buyer for the full purchase price as if shipment had been made and: (i) if Seller is able to store such Products in its own facilities, Buyer will pay Seller the reasonable handling and storage charges for the period of such storage, or (ii) if Seller is unable to store such goods at its own facility, Seller reserves the right to arrange handling and storage in a suitable bonded warehouse for Buyer at Buyer's expense. In cases where handling and storage become necessary, it shall be Buyer's responsibility to notify Seller when shipment is to be made. Seller will make necessary arrangements for shipment at Buyer's expense.

9. EXCUSABLE DELAYS; FORCE MAJEURE: (a) Excuse of Performance. Seller shall not be liable for any ordinary, incidental, or consequential loss or damage as a result of Seller's delay in or failure of delivery, or installation of Products or performance of Services due to (i) any cause beyond Seller's reasonable control, (ii) an act of God, act of Buyer, embargo or other government act, authority, regulation or request, fire, theft, accident, strike, slowdown or other labor disturbance, war, armed conflict, act or threat of terrorism, riot, epidemic, delay in transportation, or (iii) inability to obtain necessary labor, materials, components, or facilities. Should any of the aforementioned events occur, Seller, at its option, may cancel Buyer's order with respect to any undelivered Products or incomplete Services or extend the delivery date for a period equal to the time lost because of delay. Notice of such election shall be given promptly to Buyer. In the event Seller elects to so cancel the Contract, Seller shall be released of and from all liability for failure to deliver the Products or to perform the Services, including, but not limited to, any and all claims on behalf of Buyer for lost profits, or any other claim of any nature which Buyer might have. If shipping or progress of the work is delayed or interrupted by Buyer, directly or indirectly, Buyer shall pay Seller for all additional charges resulting therefrom. **(b) Allocation.** If Seller determines that its ability to meet the demand for products, including the Products, or to obtain labor, materials, components or facilities is hindered, limited or made impracticable due to causes set forth in subsection (a) above, Seller may allocate its available supply of products, including the Products, among itself and its purchasers on such basis as Seller determines to be equitable without liability for any failure of performance which may result therefrom.

10. LIMITED WARRANTY.
(a) Scope and Period.
(1) Products. Seller warrants that the Products shall be delivered free from defects in material, workmanship and title and shall conform to Seller's specification agreed upon in a written and signed agreement by Buyer and Seller, if applicable, for the Products. This warranty shall expire twelve (12) months from first use of the Product or eighteen (18) months from date of manufacture of the Product, whichever occurs first. *(2) Repaired or Replaced Products or Parts of Products.* Seller warrants that the repaired or replaced Products or parts of Products shall be delivered free from defects in material, workmanship and title. In the case of repaired or replaced Products or parts of Products comprising warranty remedies for Products, this warranty shall expire upon expiration of the warranty period applicable to the Products originally supplied by Seller. In the case of other repaired or replaced Products or parts of Products, this warranty shall expire twelve (12) months from the date of repair or manufacture of the Product s or parts of the Products. *(3) Services.* Seller warrants that the Services shall be performed in a competent and diligent manner in accordance with any mutually agreed specification. This warranty shall expire ninety (90) days from the date of completion of such Services. *(4) Software.* Seller warrants that the Software shall execute, at time of delivery, in accordance with the specification agreed upon in a written and signed agreement by Buyer (as licensee) and Seller (as licensor) when properly installed in the Products. The warranty shall expire six (6) months from date of manufacture of the first Product in which the Software is loaded. *(5) Applicability.* This warranty shall apply to any Products and/or Software bought, acquired, and/or used by an entity that, or person who, acquires the Products and/or Software from Buyer (a "Transferee"), except that any claim made against Seller pursuant to this warranty shall be made by Buyer only. Seller shall not be bound by this Section 10 to satisfy a claim under this Section made against Seller by a Transferee, whether such Transferee is a direct or indirect Transferee of Buyer, Buyer shall provide any Transferee of a Product or Software written conspicuous notice of Sections 10 and 11 hereof. *(6) Exceptions.* Supplement B to these Terms and Conditions lists Seller Products, parts, Services and Software for which Seller's warranties vary from the warranties set forth in this subsection 10(a).
(b) Remedies.
(1) Products. If, prior to expiration of the warranty period set forth in subsection 10(a)(1), above, any Products shall be proved to Seller's satisfaction to be defective or nonconforming with the warranty set forth therein, Seller will repair or replace such defective Products or components thereof, FCA Seller's factory, warehouse or other facility that Seller designates at its discretion as point of shipment from time to time (Incoterms® 2010), or will refund or provide Buyer with a credit in the amount of the purchase price paid therefor by Buyer, at Seller's sole option. Buyer's exclusive remedy and Seller's sole obligation under this warranty shall be limited to such repair or replacement, FCA factory, warehouse or other facility that Seller designates at its discretion as point of shipment from time to time (Incoterms® 2010), or refund or credit by Seller, and shall be conditioned upon Seller's receiving written notice of any defect and/or nonconformance within a reasonable period of time, but in no event more than thirty (30) days, after it was discovered or by reasonable care should have been discovered. All claims not made in writing and received by Seller within such thirty (30) day period shall be deemed waived. In no event shall Seller's liability for such defective or nonconforming Products exceed the purchase price paid by Buyer for such Products. With prior approval from Seller, Buyer shall return the alleged defective Product or part, freight prepaid, for Seller's inspection, and no other Products shall be returned to any Seller office, factory, warehouse, authorized service center or other facility, without Seller's written consent. *(2) Replacement Products and Parts of Products.* If prior to the expiration of the applicable warranty period set forth in subsection 10(a)(2) above, any replacement Products and/or parts of Products shall be proved to Seller's

satisfaction to be defective or nonconforming with the warranty set forth therein, the remedy set forth in subsection 10(b)(2) above shall apply to such replacement Products and/or parts of Products. *(3) Services.* If, prior to expiration of the warranty period set forth in subsection 10(a)(3), above, any Services shall be proved to Seller's satisfaction to be nonconforming with the warranty set forth therein, Seller will re-perform such nonconforming Services. If the Services cannot be re-performed, Seller, at its option, shall refund or credit monies paid by Buyer for such nonconforming Services. *(4) Software.* If, prior to expiration of the warranty period set forth in subsection 10(a)(4) above, , (i) Buyer provides, in writing, a complete description of the claimed nonconformance in the Software, and (ii) the Software is proven to Seller's satisfaction to be so nonconforming with the warranty set forth therein, Seller will correct the nonconformance by, at its option: (i) modifying or making available to Buyer instructions for modifying the program causing such nonconformance, or (ii) making available a corrected or replacement program FCA Seller's factory, warehouse or other facility that Seller designates at its discretion as point of shipment from time to time (Incoterms® 2010).

(c) Exclusions - The warranties set forth in this Section 10 do not cover:

(1) shipping expenses to and from Seller's office, factory, warehouse, authorized service center or other destination designated by Seller for repair or replacement of defective Products or any tax, duty, custom, inspection or testing fee, or any other charge of any nature related thereto; *(2) costs of removing defective Products from,* and/or disassembling, equipment in which Products are assembled or reinstalling Products and/or reassembling such equipment, or testing repaired or replaced Products and/or the equipment; *(3) field service travel and living costs and expenses; (4) Products subjected to abuse, neglect, negligence, misuse, misapplication, accident, damages by circumstances beyond Seller's control*, improper installation (if by anyone other than Seller), improper operation (including, but not limited to, operation in excess of rated capacity or otherwise not in accordance with installation, maintenance, or operating instructions or requirements) improper maintenance, improper storage, and/or any other than normal use or service; *(5) Products maintained, serviced, repaired or altered by anyone other than Seller* or Seller's authorized service agencies; *(6) Products and/or parts not manufactured by Seller;* for Products furnished by Seller, but manufactured by others, Seller will assign to Buyer the written warranty, if any, of the manufacturer, if assignment is reasonably practicable; however, Seller does not adopt or guarantee or represent that the manufacturer will comply with any of the terms of the warranty of such manufacturer; but, in no event shall Seller's obligations be greater than those provided under Seller's warranty set forth in this Section 10; and/or *(7) failures of the Software to be interruption-free or error-free* or to meet Buyer's or any other party's requirements; and, problems caused by use of the Software in conjunction with third-party software, hardware, or products.

(d) DISCLAIMER: THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES, ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHETHER OR NOT THE PURPOSE OR USE HAS BEEN DISCLOSED TO SELLER IN SPECIFICATIONS, DRAWINGS, OR OTHERWISE AND WHETHER OR NOT SELLER'S PRODUCTS ARE SPECIFICIALLY DESIGNED AND/OR MANUFACTURED BY SELLER FOR BUYER'S USE OR PURPOSE. NO EMPLOYEE, REPRESENTATIVE, OR AGENT OF SELLER OTHER THAN AN OFFICER OF SELLER IS AUTHORIZED TO ALTER OR MODIFY ANY PROVISION OF THIS SECTION 10 OR TO MAKE ANY GUARANTEE, WARRANTY, OR REPRESENTATION, EXPRESS OR IMPLIED, ORALLY OR IN WRITING, WHICH IS CONTRARY TO THE FOREGOING. Except where Buyer and Seller agree in a written and signed agreement upon the specifications applicable to the Products, Software, and/or Services, any description of the Products, Software, and/or Services, whether in writing or made orally by Seller or Seller's agents, specifications, samples, models, bulletins, drawings, diagrams, engineering sheets or similar materials used in connection with Buyer's order are for the sole purpose of identifying the Products and shall not be construed as an express or implied warranty. Any suggestions by Seller or Seller's agents regarding use, application or suitability of the Products shall not be construed as an express or implied warranty unless confirmed to be such in writing by Seller's authorized officer.

11. LIMITATIONS OF REMEDY AND LIABILITY:

(a) Breach of Warranty Claims. Buyer's only remedy for breach of any warranty under the Contract, other than the warranty provided under Section 13 "Intellectual Property Indemnity," shall be the applicable remedy set forth in Section 10 "Limited Warranty" above. Seller's total liability for any and all breach of warranty claims under the Contract shall not exceed the purchase price allocable to the Product, Software or Service or part thereof which gives rise to the claim. **(b) Other Claims.** Seller's liability for any claim other than a breach of warranty claim under Section 10 "Limited Warranty," whether in contract, negligence, tort, strict liability, indemnity or otherwise for any loss or damage arising out of, connected with, or resulting from the Contract or the performance or breach thereof, or from the design, manufacture, sale, delivery, resale, repair, replacement, installation, technical direction of installation, inspection, operation or use of any Products covered by or furnished under the Contract or from Services rendered under the Contract, shall in no case (except as provided in Section 13 "Intellectual Property Indemnity") exceed five percent (5%) of the purchase price allocable to the Products or part thereof or Services giving rise to the claim. **(c) Consequential Damage Disclaimer.** SELLER SHALL NOT BE LIABLE FOR AND DISCLAIMS ALL CONSEQUENTIAL, INCIDENTAL, CONTINGENT, SPECIAL OR PUNITIVE DAMAGES WHATSOEVER. Seller shall not be liable for lost profits or revenues, loss of use of the Products, Software or any related equipment or systems, cost of capital, cost of substitute products, cost of facilities or services, business interruption, downtime, shutdown, or slowdown costs, any other types of economic loss, penalties, special or punitive damages, and claims of Buyer's customers for any such damages. **(d) Expiration of Claims.** All claims against Seller arising out of or related to the Contract or the performance or breach thereof shall expire unless made and presented to Seller in writing by Buyer before expiration of the applicable warranty period. **(e) Precedence.** The limitations of this Section shall apply regardless of whether a claim is based in contract, tort (including negligence), warranty, strict liability, intellectual property, or otherwise, and shall take precedence over any conflicting terms and conditions, except where the limitations of liability of such conflicting terms limit Seller's liability further.

12. INDEMNITY:

(a) Third party claims. Each of Buyer and Seller (each an "Indemnified Party" and an "Indemnifying Party") shall indemnify the other party from and against claims brought by a third party, for bodily injury or damage to the third party's tangible property, to the extent such injury and/or damage is caused by the negligence of the Indemnifying Party, provided that the Indemnified Party gives the Indemnifying Party prompt notice of any such claim and all necessary information and assistance so that the Indemnifying Party, at its option, may defend or settle such claim and the Indemnified Party does not take any adverse posi¬tion in connection with such claim. In the event that the injury or damage is caused by joint or concurrent negligence of Buyer and Seller, the loss or expense shall be borne by each party in proportion to its degree of negligence. For purposes of Seller's indemnity obligations hereunder, Products shall not be considered third party property and the facility in which a Product or Software is used and/or the Services are performed shall not be considered third party property. **(b) Indemnity by Buyer for Third Party Warranty Claims.** If Buyer supplies Products or Services to a third party, uses Products or Services at a facility owned by a third party, and/or transfers Products and/or Software to a third party, Buyer shall indemnify and defend Seller from and against any and all claims by, and liability to, any such third party in excess of the limitations set forth in Sections 10 "Limited Warranty" and 11 "Limitations of Remedy and Liabilities." For purposes of this subsection (b), "Seller" means Seller, its affiliates, suppliers, contractors, licensors and their employees.

13. INTELLECTUAL PROPERTY INDEMNITY: Seller warrants that, to the best of its knowledge, Products, Services and/or Software furnished hereunder, and any part thereof, (each a "Delivered Item") shall be delivered free of any rightful claim of any third party not affiliated with Buyer for infringement of any U.S. patent, any trademark registered in the U.S. Patent and Trademark Office and/or any copyright registered in the U.S. Copyright Office. Seller will, at its own expense, defend or settle any suits that may be instituted against Buyer for alleged infringement by the Delivered Item of any U.S. patent, any trademark registered in the U.S. Patent and Trademark Office and/or any copyright registered in the U.S. Copyright Office provided that: **(a)** such alleged infringement consists of the use of the Delivered Item for (i) any of the purposes for which Buyer informed Seller such Delivered Items would be used, or (ii) if Buyer did not so inform Seller, any of the purposes for which Buyer reasonably believed such Delivered Items would be used; **(b)** Buyer shall have made all payments for such Delivered Items then due hereunder; **(c)** Buyer shall give Seller immediate notice in writing of any such suit and transmit to Seller immediately upon receipt of all processes and papers served upon Buyer; **(d)** Buyer does not take any position adverse to Seller in connection with such claim; and **(e)** Buyer shall permit Seller through Seller's counsel, either in the name of Buyer or in the name of Seller, to defend such suit(s) and give all needed information, assistance and authority to enable Seller to do so.

In case of a final award of damages in any such suit, Seller will pay such award but will not be responsible for any compromise or settlement made without its written consent. In case the Delivered Item itself is in such suit held to infringe any valid patent issued in the United States and/or a trademark and/or copyright registered in the United States, and its use is enjoined, or in the event of a settlement or compromise approved by Seller which shall preclude future use of the Delivered Item, Seller shall, at its own expense and at its sole option, either: **(a)** procure rights to continue using such Delivered Item; **(b)** modify the Delivered Item to render it non-infringing; **(c)** replace the Delivered Item with a non-infringing Product and/or Software; or **(d)** refund the purchase price paid by Buyer for the Delivered Item after return of the Delivered Item to Seller (less reasonable depreciation for any period of use). Notwithstanding the foregoing, Seller shall not be held responsible for infringement of claims of any patents covering the use of the Delivered Item in combination with other goods or materials not furnished by Seller.

The foregoing states the entire liability of Seller for intellectual property infringement, and IN NO EVENT SHALL SELLER BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES ATTRIBUTABLE TO AN INTELLECTUAL PROPERTY INFRINGEMENT. Buyer, at its own expense, shall defend Seller against, and/or settle, **(a)** any patent, trademark, copyright or other intellectual property infringement claim pertaining to a Delivered Item furnished by Seller to Buyer manufactured in accordance with designs, drawings or other descriptions proposed or furnished by Buyer; and **(b)** any claim against Seller of contributory infringement resulting from the use or resale by Buyer of a Delivered Item sold hereunder. Buyer shall indemnify Seller for any award against Seller or settlement by Seller regarding any such claims and attorneys' fees and defense costs incurred in defense of such claims.

14. SOFTWARE LICENSE:

(a) License Grant: Seller grants Buyer a nonexclusive, royalty-free, perpetual, limited license to use the Software in the U.S. and solely in conjunction with (a) the operation of the Products purchased and sold under the Contract and/or other product meeting Seller's specifications; and (b) any other purpose agreed upon in a written and signed agreement between Buyer and Seller. **(b) Scope of License:** Upon Seller's prior written approval, Buyer may make a reasonable number of copies of Software as necessary for backup, configuration, installation, and restoration of the Products. Also upon Seller's prior written approval, Buyer may authorize a third-party contractor or service provider to exercise these rights on Buyer's behalf and for Buyer's benefit. Buyer may transfer possession of Software and its media to another party only in conjunction with the transfer of the Products on which the Software is loaded and only upon agreement of the other party to the terms and conditions of the Contract. Upon such transfer, Buyer shall destroy all Buyer's copies of Software and related documentation. All licenses and grants pursuant to the Contract shall immediately terminate once Buyer no longer rightfully owns or possesses the Products. No other rights under this license are granted. Upon Seller's request, Buyer shall provide Seller with written notice of any such transfer providing the name, address, and contact information of the subsequent Buyer within 15 days of such transfer. **(c) Use Restrictions:** Buyer shall not (a) copy, display, transfer, adapt, modify, or distribute in any form the Software except as set forth in the Contract or in Seller documentation provided by Seller to Buyer with the Software; (b) reverse engineer, disassemble, decompile, or otherwise translate the Software's object code, unless expressly permitted by applicable law without the possibility of contractual waiver; or (c) sublicense or lease the Software or any copy thereof except with the transfer of the Products on which the Software is loaded. Except as provided under the terms of Seller's standard escrow agreement between Seller and Buyer, if applicable, Buyer shall not to make available to any party, without prior written consent from Seller or its authorized agent, source code for the Software. Buyer shall not, directly or indirectly, export or re-export, or knowingly permit the export or re-export of, the Products, or any technical information about the Products, to any country for which the United States Export Administration Act, any regulation thereunder, or any similar United States law or regulation, requires an export license or other United States Government approval, unless Buyer obtains the appropriate export license and obtains written approval from Seller. **(d) Maintenance and Support:** Seller may offer to Buyer the option to purchase from Seller annual Software maintenance and support services under the terms and conditions of Seller's then-standard maintenance and support agreement. Buyer may renew this maintenance term at Seller's then-current maintenance rates. In the event Buyer purchases additional Software licenses, maintenance fees for such licenses shall be prorated to be coterminous with Buyer's existing maintenance period. In no event shall Seller be responsible for providing maintenance services for a period during which maintenance coverage is lapsed.

15. SECURITY AGREEMENT AND FINANCING STATEMENTS: As security for payment of the purchase price under the Contract, Buyer hereby irrevocably grants Seller a security interest in the Products purchased by Buyer, together with all accessories, attachments and replacement parts and all substitutions, replacements and proceeds thereof to secure payment of the purchase price and of all monies which may be due under the Contract. Buyer hereby authorizes Seller to file all financing statements, any amendments and continuations thereof, or any other documents necessary or reasonably required, for the perfection and protection of a security interest under applicable law, and to deliver notice to prior holders of security interests, of Seller's security interest in the Products to protect its interest.

16. INSURANCE: Until payment in full of the purchase price, Buyer shall maintain insurance covering all Products sold by Seller to Buyer in such amounts and against such risks as is customary by companies engaged in the same or similar business and similarly located, and shall, upon Seller's request, furnish evidence of such insurance satisfactory to Seller.

17. DRAWINGS; OTHER DESIGN DATA: All specifications, drawings, designs, data, information, ideas, methods, tools, gages, dies, fixtures, patterns and/or inventions made, conceived, developed or acquired by Seller in connection with procuring and/or executing the Contract will vest in and inure to Seller's sole benefit notwithstanding any charges therefor which may have been or may be imposed by Seller on Buyer. Buyer shall not give, loan, exhibit, sell or transfer to any person who is not a Buyer employee and authorized to receive such information, or to any organization or entity, any drawing, photograph or specification furnished by Seller or reproduction thereof which may enable such person, organization or entity to furnish similar products or parts therefor.

18. RETURN OF PRODUCTS: No Product or part shall be returned to Seller without written authorization and shipping instructions first having been obtained from Seller.

19 ASSIGNMENT AND SUBCONTRACTING: None of Buyer's rights under the Contract shall be assigned by Buyer to any other person, whether by operation of law or otherwise, without Seller's prior written approval. Seller may, without the necessity of obtaining Buyer's prior written consent, assign the Contract or subcontract the production of all or any portion of the Products and/or performance of the Services.

20. CANCELLATION: No purchase order submitted to Seller may be cancelled by Buyer without the prior written consent of Seller, which consent will at all times be conditioned on Buyer's agreement to pay Seller's cancellation charge. For a finished Product that, in Seller's judgment, is readily resalable to others, the cancellation charge shall be 15% of the invoice price of the Product. For all other cancellations, the cancellation charge shall amount to all cost and expenses incurred by Seller and arising out of or in connection with Buyer's purchase order plus reasonable profit. In no event shall the cancellation charge be less than 10% of the invoice price of the Product or more than the invoice price.

21. NUCLEAR USE DISCLAIMER: Products sold by Seller are not intended for use in connection with any nuclear facility or activity. If so used, Seller disclaims all liability for any nuclear damage, injury or contamination, and Buyer shall indemnify and hold Seller, its officers, agents, employees, successors, assigns and customers harmless from and against any and all losses, damages or expenses of whatever form or nature (including attorneys' fees and other costs of defending any action) which they or any of them may sustain or incur, whether as a result of breach of contract, warranty, tort (including negligence) or otherwise, by reason of such use.

22. GOVERNING LAW; VENUE: These Terms and Conditions and the Contract shall be governed by and construed in accordance with the laws of the State of Wisconsin. Seller and Buyer irrevocably submit to the exclusive jurisdiction of the state courts located in Rock County, State of Wisconsin and the federal courts located in the State of Wisconsin, and Seller and Buyer waive any objection to venue or forum non conveniens, for the resolution of any dispute relating to these Terms and Conditions or the Contract. The rights and obligations of Seller and Buyer shall not be governed by the provisions of the United Nations Convention on Contracts for the Internal Sale of Goods.

23. EXPORT/IMPORT: Buyer shall comply, in the receipt and use of the Products and the Software, with all applicable import and export control laws, regulations, orders and requirements of the jurisdictions in which the Seller and Buyer are established or from which Products and Software are provided. Buyer shall not transfer, release, import, or export Products and/or or Software in violation of such applicable laws, regulations or other legal requirements. Buyer shall provide a completed end-user certification in a form satisfactory to Seller upon Seller's request.

24. ATTORNEYS' FEES: Buyer agrees to pay all of Seller's costs and expenses of collection and related litigation, including but not limited to attorneys' fees and costs.

25. SALVATORY CLAUSE: The invalidity, in whole or in part, of any of the provisions of these Terms and Conditions, shall not affect the enforceability of any of the other provisions thereof.

26. APPLICABILITY: These Terms and Conditions as stated herein are applicable as of the date of this printing and until such time as changed by Seller.

For the full version of the Terms and Conditions of Sales with Supplements A and B - Visit http://www.regalbeloit.com/what-we-do/products-brands/

Regal STCS Rev 8-13

Warnings and Cautions

Electrical

IMPORTANT INFORMATION
PLEASE READ CAREFULLY

This catalog is not intended to provide operational instructions. Appropriate LEESON Electric instructions provided with the motor and precautions attached to the motor should be read carefully prior to installation, operation and/or maintenance of the equipment. Injury to personnel or motor failure may be caused by improper installation, maintenance or operation.

The following **WARNING** and **CAUTION** information is supplied to you for your protection and to provide you with many years of trouble free and safe operation of your LEESON Electric product:

WARNING

- Disconnect power and lock out driven equipment before working on a motor.
- Always keep hands and clothing away from moving parts.
- The lifting support on the motor is not to be used to lift the entire machine. Only the motor attached directly to the support may be safely lifted by the support.
- Install and ground per local and national codes.
- Discharge all capacitors before servicing a single phase motor.
- Misapplication of a motor in hazardous environments can cause fire or an explosion and result in serious injury. Only the end user, local authority having jurisdiction, and/or insurance underwriter are qualified to identify the appropriate class(es), group(s), division and temperature code LEESON Electric personnel cannot evaluate or recommend what motors may be suitable for use in hazardous environments. If a motor is name plated for hazardous locations, do not operate the motor without all of the grease and drain plugs installed.
- Never attempt to measure the temperature rise of a motor by touch. Temperature rise must be measured by thermometer, resistance, resistance, imbedded detector or thermocouple.
- Motors with automatic reset thermal protectors will automatically restart when the protector temperature drops sufficiently. Do not use motors with automatic reset thermal protectors in applications where automatic restart will be hazardous to personnel or equipment.
- Motors with manual reset thermal protectors may start unexpectedly after the protector trips when the surrounding air is at +20° Fahrenheit or lower. If the manual reset protector trips, disconnect motor from its power supply. After the protector cools (five minutes or more), it can be reset and power may be applied to the motor.
- Connect all protective device leads, marked P1, P2, etc., per instructions supplied with the motor.
- Operation of a motor at other than its nameplate rating may result in fire, damage to equipment or serious injury to personnel.
- For safety, Buyer or User should provide protective guards over all shaft extensions and any moving apparatus mounted thereon. The User is responsible for checking all applicable safety codes in his area and providing suitable guards. Failure to do so may result in bodily injury and/or damage to equipment.

CAUTION

- Consult qualified personnel with questions and all electrical repairs must be performed by trained and qualified personnel only.
- For motors nameplated as “belted duty only”, do not operate the motor without belts properly installed.
- Motors and/or driven equipment should not be operated faster than their rated speed.
- For inverter applications, follow the inverter manufacturer’s installation guidelines.
- Make sure the motor is properly secured and aligned before operation.

In the event of the resale of any of the goods, in whatever form, Resellers/Buyers will include the following language in a conspicuous place and in a conspicuous manner in a written agreement covering such sale:

> The manufacturer makes no warranty or representations, express or implied, by operation of law or otherwise, as to the merchantability or fitness for a particular purpose of the goods sold hereunder. Buyer acknowledges that it alone has determined that the goods purchased hereunder will suitably meet the requirements of their intended use. In no event will the manufacturer be liable for consequential, incidental or other damages. Even if the repair or replacement remedy shall be deemed to have failed of its essential purpose under Section 2-719 of the Uniform Commercial Code, the manufacturer shall have no liability to Buyer for consequential damages.

Resellers/Buyers agree to also include this entire document including the warnings and cautions above in a conspicuous place and in a conspicuous manner in writing to instruct users on the safe usage of the product.

This information should be read together with all other printed information supplied by LEESON Electric.

For more information contact: LEESON Electric, 1051 Cheyenne Avenue, Grafton, Wisconsin 53024
Phone: 262-377-8810 or Fax: 262-377-3440

Continued On Next Page

IMPORTANT INFORMATION
PLEASE READ CAREFULLY

The following **WARNING** and **CAUTION** information is supplied to you for your protection and to provide you with many years of trouble free and safe operation of your LEESON Electric product:

Read ALL instructions prior to operating reducer. Injury to personnel or reducer failure may be caused by improper installation, maintenance or operation.

WARNING

- Written authorization from LEESON Electric is required to operate or use reducers in man lift or people moving devices.
- Check to make certain application does not exceed the allowable load capacities published in the current catalog.
- Buyer shall be solely responsible for determining the adequacy of the product for any and all uses to which Buyer shall apply the product. The application by Buyer shall not be subject to any implied warranty of fitness for a particular purpose.
- For safety, Buyer or User should provide protective guards over all shaft extensions and any moving apparatus mounted thereon. The User is responsible for checking all applicable safety codes in his area and providing suitable guards. Failure to do so may result in bodily injury and/or damage to equipment.
- Hot oil and reducers can cause severe burns. Use extreme care when removing lubrication plugs and vents.
- Make certain that the power supply is disconnected before attempting to service or remove any components. Lock out the power supply and tag it to prevent unexpected application of power.
- Reducers are not to be considered fail safe or self-locking devices. If these features are required, a properly sized, independent holding device should be utilized. Reducers should not be used as a brake.
- Any brakes that are used in conjunction with a reducer must be sized or positioned in such a way so as to not subject the reducer to loads beyond the catalog rating.
- Lifting supports including eyebolts are to be used for vertically lifting the gearbox only and no other associated attachments or motors.
- Use of an oil with an EP additive on units with backstops may prevent proper operation of the backstop. Injury to personnel, damage to the reducer or other equipment may result.
- Overhung loads subject shaft bearings and shafts to stress which may cause premature bearing failure and/or shaft breakage from bending fatigue, if not sized properly.

CAUTION

- Test run unit to verify operation. If the unit tested is a prototype, that unit must be of current production.
- If the speed reducer cannot be located in a clear and dry area with access to adequate cooling air supply, then precautions must be taken to avoid the ingestion of contaminants such as water and the reduction in cooling ability due to exterior contaminants.
- Mounting bolts should be routinely checked to ensure that the unit is firmly anchored for proper operation.

In the event of the resale of any of the goods, in whatever form, Resellers/Buyers will include the following language in a conspicuous place and in a conspicuous manner in a written agreement covering such sale:

> The manufacturer makes no warranties or representations, express or implied, by operation of law or otherwise, as to the merchantability or fitness for a particular purpose of the goods sold hereunder. Buyer acknowledges that it alone has determined that the goods purchased hereunder will suitably meet the requirements of their intended use. In no event will the manufacturer be liable for consequential, incidental or other damages. Even if the repair or replacement remedy shall be deemed to have failed of its essential purpose under Section 2-719 of the Uniform Commercial Code, the manufacturer shall have no liability to Buyer for consequential damages.

Resellers/Buyers agree to also include this entire document including the warnings and cautions above in a conspicuous place and in a conspicuous manner in writing to instruct users on the safe usage of the product.

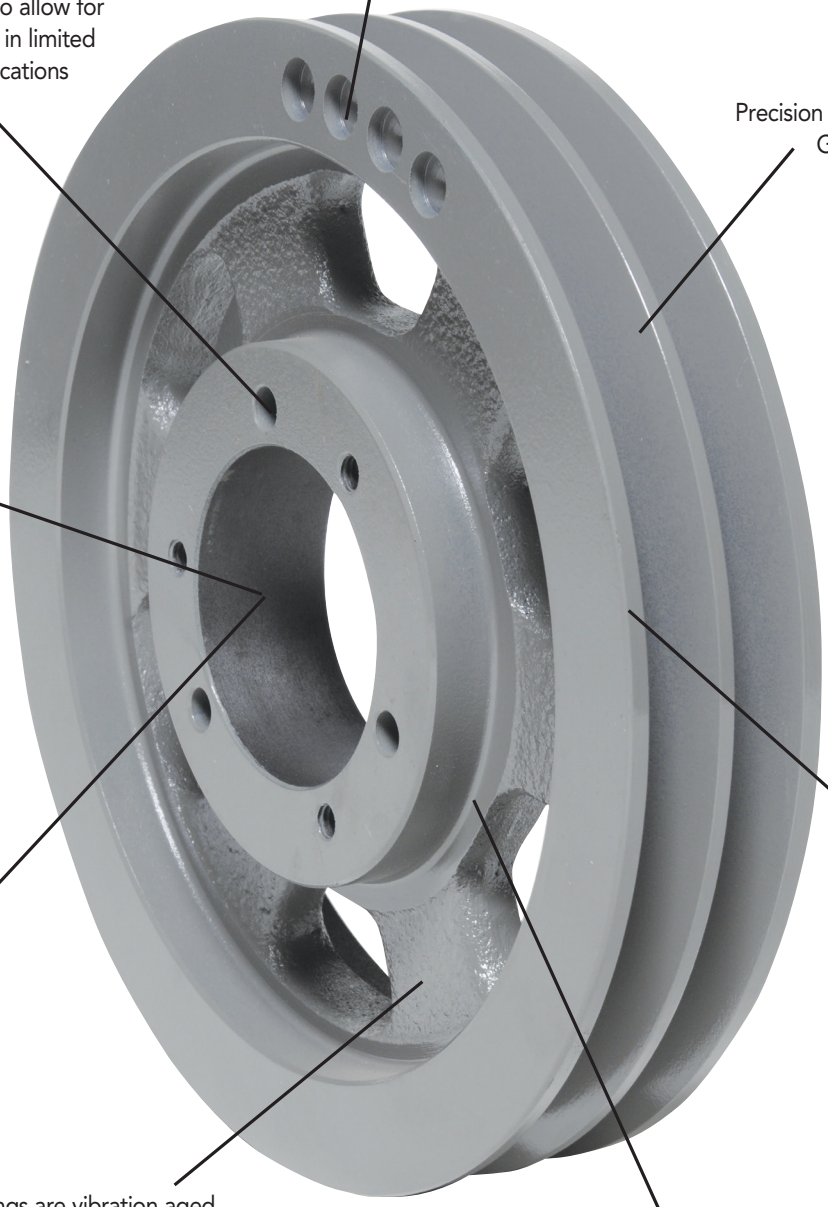
This information should be read together with all other printed information supplied by LEESON Electric.

Other Products
Pulleys and Sheaves

power+plus™

INDUSTRY STANDARD POWER TRANSMISSION SOLUTIONS!

ISO9001 certified manufacturing facility



LEESON®

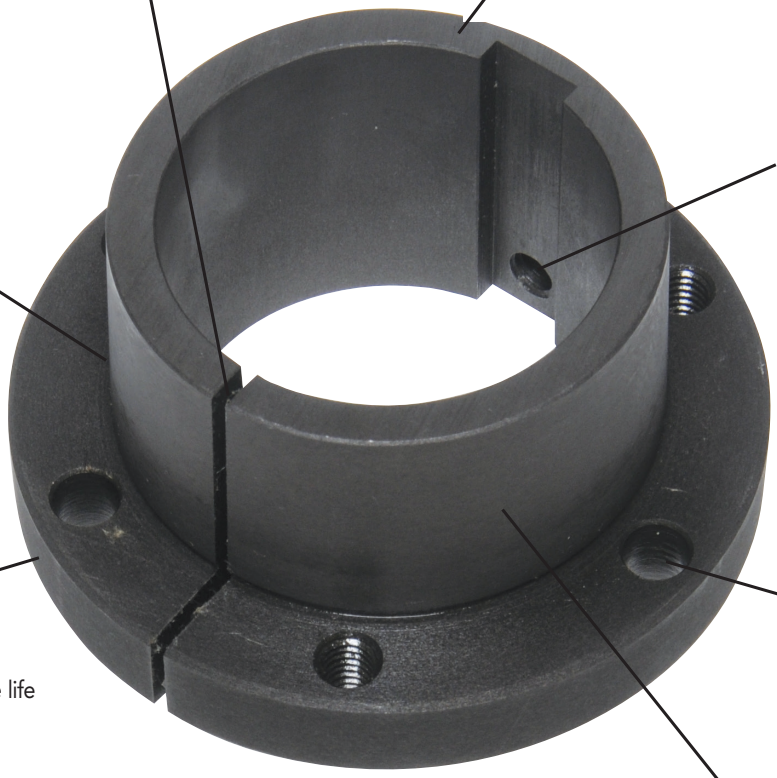
STANDARDIZED TAPER BUSHINGS & SHEAVES FOR ALL YOUR POWER TRANSMISSION NEEDS!

Full split allowing the bushing to compress evenly throughout the bushing length for a secure, even fit

Made from GGG40 ductile iron, precision machined and phosphate coated

Precision machined taper insuring a snug, concentric fit with the sheave. Powerplus+ bushings & sheaves run true.

Set screw over the key secures key in place. Especially helpful for vertical shaft down applications
(Not available on smaller bushings, see catalog for detail)



Castings are vibration aged to relieve internal stresses insuring long, trouble free service life

2 sets of mounting holes to insure easy installation and removal. Use the thru holes to draw the bushing tight, use the threaded holes to push the bushing off the sheave.

Industry standard taper design insures interchangeability

Supplied with all necessary mounting hardware including 12.9 grade UNC bolts, Lock washers, set screws and shaft key

Training

LEESON University.
It's everything you need to know.

Subjects Covered:

Regal Overview

AC Electric Motor Principles

DC Electric Motor Principles

PMAC Electric Motor Principles

Motor Applications

Power Transmission

Gear Reducer Principles

LEESON.com review

Manufacturing Plant Workshop

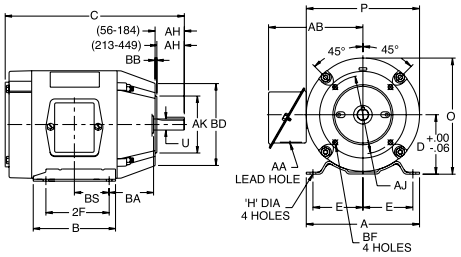
Contact your local LEESON Sales office for more information

Footnotes

S	Steel frame
A	Aluminum frame
C	Cast Iron frame
US	Made in the USA
MX	Made in Mexico
CA	Made in Canada
CN	Made in China
2	These combination 56H base motors have mounting holes for 56 and 143-5T, and 1/2 diameter shaft with flat 1.5” long
3	Combination 56 H base has mounting holes for NEMA 56 and 143-5T and a standard NEMA 145T frame shaft of 7/8” Dia.
4	These motors have a NEMA 215T base mounting pattern and shaft height of 5.25”, with usable length of 3 3/8 and diameter of 1 1/8 with standard key
5	Combination 56 H base has mounting holes for NEMA 56, and has a standard NEMA 145T frame shaft of 7/8”” Dia.
6	Combination 56H base has mounting holes for NEMA 56 and NEMA 143-5T and a standard NEMA 56 shaft of 5/8”
7	48YZ motors have std. 48-frame base with 1/2” dia. X 1 7/8 long shaft ext. with flat. Also includes sleeve to convert shaft to 5/8” dia. With 3/16” square key”
8	NEMA 145TC shaft, 7/8” X 2 1/4” and NEMA 56 removable base
9	S56CZ motors have mounting bases with NEMA 56 mounting holes, NEMA 56/143-5T C-face and a NEMA 143-5T shaft extension (7/8”” dia x 2 1/4” long)
10	Motor has mounting base with 182T mounting holes, shaft height is 4.5”. Shaft is std. NEMA 56-5/8” dia. X 1 7/8 long
11	TEBC totally enclosed blower cooled
12	TENV totally enclosed non-vented
13	TEFC totally enclosed fan cooled
14	F1 mounting only
15	Built-in conduit box located at 12:00
16	1/2” diameter shaft - 2 1/4” long
17	5/8” diameter shaft - 2 5/8” long
18	Shaft extension has keyway and flat 180° apart for ease of mounting
19	Shaft is 5/8” Dia.by 2.0” long
20	Shaft is 5/8” Dia.by 2 5/8” long
21	Shaft is 3/4” Dia.by 3 1/2” long
22	Standard 5/8” diameter shaft with keyway plus 3/4” deep hole drilled and tapped to 1/4-20 UNC in end of shaft to facilitate mounting of some fan blades
23	Standard 7/8” diameter shaft with keyway plus 3/4” deep hole drilled and tapped to 1/4-20 UNC in end of shaft to facilitate mounting of some fan blades
24	Motor’s shaft is 1 inch longer than standard
25	Shaft extension has keyway and flat 180° apart for ease of mounting. Useable shaft is 1 1/2” long by 1/2 Dia., 1/8” keyway
26	Shaft is 1/2”” Dia. X 1 1/2”” long with flat
27	Shaft is 5/8” Dia. X 1.97” ling with 3/16” keyway
28	1/4” long extended through-bolts
29	IEC Frame - See IEC dimension chart in back of catalog for dimension information
30	CW rotation only, from lead end of motor
31	For motors having a ”P” suffix letter in the date code
32	Motor has terminal board connection
33	Automatic overload - cannot use with VFD
34	1” long extended through-bolts
35	Terminal studs at 12:00
36	Special BA dimension 2.31 for belt guard clearance
37	Uses drip cover kit 175305.00
38	Uses drip cover kit 175004.00
39	Uses drip cover kit 175932.00
40	Uses drip cover kit 175933.00
41	Uses drip cover kit 175846.00
42	Uses drip cover kit 175849.00
43	Uses drip cover kit 175962.00
44	Uses drip cover kit 175963.00
45	Uses drip cover kit 175614.00
46	50 Hz operation at rated HP
47	Rated at 50Hz at full rated HP
48	190/380V, 50Hz at next lowest HP @1.15 S.F.
49	Class F insulated
50	Suitable for single speed operation only
51	Mechanical centrifugal starting switch with overspeed protection, others have electronic start switch
52	Extra high starting torque
53	Capacitor start/capcitor run design for reduced amperage, others are capacitor start/induction run
54	Split phase start, capacitor run is suitable for belt drive within the airflow of the fan
55	Split phase start, capacitor run
56	Designed for inverter duty operation
57	Rated for farm duty service
58	Provision for belly band mount, no base
59	Resilient base with provision for belly band mount
60	Rigid base
61	Nema 145TC face mounting with removable NEMA 182T rigid base
62	Provision for belly band and pedestal fan mounting, no rigid base
63	Resilient base
64	Stub shaft on ODE for manual jogging

NEMA Quick Reference Dimensional Chart

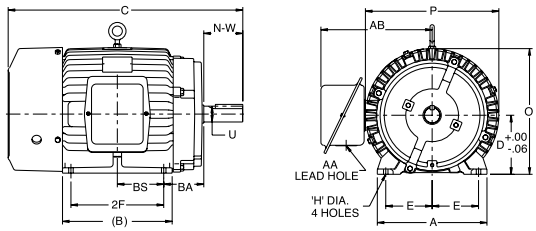
Typical C-Face Motor



NEMA C-Face	BA Dimensions
143-5TC	2-3/4
182-4TC	3-1/2
213-5TC	4-1/4
254-6TC	4-3/4

Contact your LEESON sales representative for "AB", "O", & "P" Dimensions.

Typical Rigid Base Motor



Refer to your LEESON catalog for "C" Dimensions.

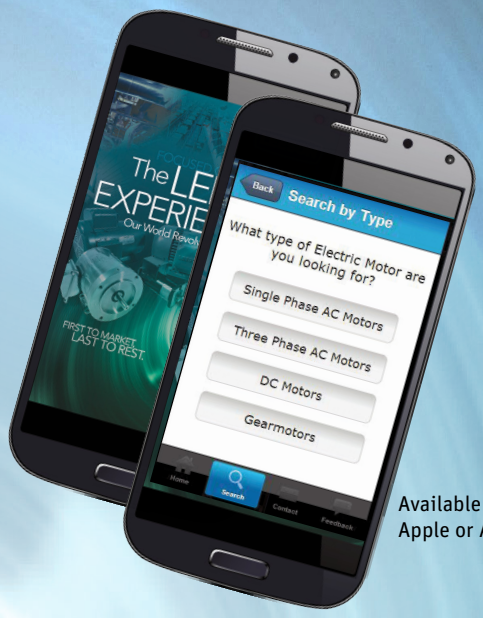
Frame	D	E	2F	H	U	N-W	AA	AH	AJ	AK	BA	BBk (MIN)	BD (MAX)	BF
48	3.00	2.12	2.75	.34 SLOT	.5000	1.50	1/2	1.69	3.750	3.000	2.50	.13	5.62	1/4-20
56	3.50	2.44	3.00	.34 SLOT	.6250	1.88	1/2	2.06	5.875	4.500	2.75	.13	6.50	3/8-16
56H	3.50	2.44	5.00	.34 SLOT	.6250	1.88	1/2	2.06	5.875	4.500	2.75	.13	6.50	3/8-16
143T	3.50	2.75	4.00	.34	.8750	2.25	3/4	2.12	5.875	4.500	2.25	.13	6.50	3/8-16
145T	3.50	2.75	5.00	.34	.8750	2.25	3/4	2.12	5.875	4.500	2.25	.13	6.50	3/8-16
182	4.50	3.75	4.50	.41	.8750	2.25	3/4	2.12	5.875	4.500	2.75	.13	6.50	3/8-16
184	4.50	3.75	5.50	.41	.8750	2.25	3/4	2.12	5.875	4.500	2.75	.13	6.50	3/8-16
182T	4.50	3.75	4.50	.41	1.125	2.75	3/4	2.62	7.250	8.500	2.75	.25	9.00	1/2-13
184T	4.50	3.75	5.50	.41	1.125	2.75	3/4	2.62	7.250	8.500	2.75	.25	9.00	1/2-13
213	5.25	4.25	5.50	.41	1.125	3.00	1	2.75	7.250	8.500	3.50	.25	9.00	1/2-13
215	5.25	4.25	7.00	.41	1.125	3.00	1	2.75	7.250	8.500	3.50	.25	9.00	1/2-13
213T	5.25	4.25	5.50	.41	1.375	3.38	1	3.12	7.250	8.500	3.50	.25	9.00	1/2-13
215T	5.25	4.25	7.00	.41	1.375	3.38	1	3.12	7.250	8.500	3.50	.25	9.00	1/2-13
254U	6.25	5.00	8.25	.53	1.375	3.75	1-1/4	3.50	7.250	8.500	4.25	.25	10.00	1/2-13
256U	6.25	5.00	10.00	.53	1.375	3.75	1-1/4	3.50	7.250	8.500	4.25	.25	10.00	1/2-13
254T	6.25	5.00	8.25	.53	1.625	4.00	1-1/4	3.75	7.250	8.500	4.25	.25	10.00	1/2-13
256T	6.25	5.00	10.00	.53	1.625	4.00	1-1/4	3.75	7.250	8.500	4.25	.25	10.00	1/2-13
284U	7.00	5.50	9.50	.53	1.625	4.88	1-1/2	4.62	9.000	10.500	4.75	.25	11.25	1/2-13
286U	7.00	5.50	11.00	.53	1.625	4.88	1-1/2	4.62	9.000	10.500	4.75	.25	11.25	1/2-13
284T	7.00	5.50	9.50	.53	1.875	4.62	1-1/2	4.38	9.000	10.500	4.75	.25	11.25	1/2-13
286T	7.00	5.50	11.00	.53	1.875	4.62	1-1/2	4.38	9.000	10.500	4.75	.25	11.25	1/2-13
284TS	7.00	5.50	9.50	.53	1.625	3.25	1-1/2	3.00	9.000	10.500	4.75	.25	11.25	1/2-13
286TS	7.00	5.50	11.00	.53	1.625	3.25	1-1/2	3.00	9.000	10.500	4.75	.25	11.25	1/2-13
324U	8.00	6.25	10.50	.66	1.875	5.62	2	5.38	11.000	12.500	5.25	.25	14.00	5/8-11
326U	8.00	6.25	12.00	.66	1.875	5.62	2	5.38	11.000	12.500	5.25	.25	14.00	5/8-11
324T	8.00	6.25	10.50	.66	2.125	5.25	2	5.00	11.000	12.500	5.25	.25	14.00	5/8-11
326T	8.00	6.25	12.00	.66	2.125	5.25	2	5.00	11.000	12.500	5.25	.25	14.00	5/8-11
324TS	8.00	6.25	10.50	.66	1.875	3.75	2	3.50	11.000	12.500	5.25	.25	14.00	5/8-11
326TS	8.00	6.25	12.00	.66	1.875	3.75	2	3.50	11.000	12.500	5.25	.25	14.00	5/8-11
364U	9.00	7.00	11.25	.66	2.125	6.38	2-1/2	6.12	11.000	12.500	5.88	.25	14.00	5/8-11
365U	9.00	7.00	12.25	.66	2.125	6.38	2-1/2	6.12	11.000	12.500	5.88	.25	14.00	5/8-11
364T	9.00	7.00	11.25	.66	2.375	5.88	2-1/2	5.62	11.000	12.500	5.88	.25	14.00	5/8-11
365T	9.00	7.00	12.25	.66	2.375	5.88	2-1/2	5.62	11.000	12.500	5.88	.25	14.00	5/8-11
364TS	9.00	7.00	11.25	.66	1.875	3.75	2-1/2	3.50	11.000	12.500	5.88	.25	14.00	5/8-11
365TS	9.00	7.00	12.25	.66	1.875	3.75	2-1/2	3.50	11.000	12.500	5.88	.25	14.00	5/8-11
404U	10.00	8.00	12.25	.81	2.375	7.12	3	6.88	11.000	12.500	6.62	.25	15.50	5/8-11
405U	10.00	8.00	13.75	.81	2.375	7.12	3	6.88	11.000	12.500	6.62	.25	15.50	5/8-11
404T	10.00	8.00	12.25	.81	2.875	7.25	3	7.00	11.000	12.500	6.62	.25	15.50	5/8-11
405T	10.00	8.00	13.75	.81	2.875	7.25	3	7.00	11.000	12.500	6.62	.25	15.50	5/8-11
404TS	10.00	8.00	12.25	.81	2.125	4.25	3	4.00	11.000	12.500	6.62	.25	15.50	5/8-11
405TS	10.00	8.00	13.75	.81	2.125	4.25	3	4.00	11.000	12.500	6.62	.25	15.50	5/8-11
444U	11.00	9.00	14.50	.81	2.875	8.62	3	8.38	14.000	16.000	7.50	.25	18.00	5/8-11
445U	11.00	9.00	16.50	.81	2.875	8.62	3	8.38	14.000	16.000	7.50	.25	18.00	5/8-11
444T	11.00	9.00	14.50	.81	3.375	8.50	3	8.25	14.000	16.000	7.50	.25	18.00	5/8-11
445T	11.00	9.00	16.50	.81	3.375	8.50	3	8.25	14.000	16.000	7.50	.25	18.00	5/8-11
444TS	11.00	9.00	14.50	.81	2.375	4.75	3	4.50	14.000	16.000	7.50	.25	18.00	5/8-11
445TS	11.00	9.00	16.50	.81	2.375	4.75	3	4.50	14.000	16.000	7.50	.25	18.00	5/8-11
447T	11.00	9.00	20.00	.81	3.375	8.50	3	8.25	14.000	16.000	7.50	.25	18.00	5/8-11
449T	11.00	9.00	25.00	.81	3.375	8.50	3	8.25	14.000	16.000	7.50	.25	18.00	5/8-11
447TS	11.00	9.00	20.00	.81	2.375	4.75	4 NPT	4.50	14.000	16.000	7.50	.25	18.00	5/8-11
449TS	11.00	9.00	25.00	.81	2.375	4.75	4 NPT	4.50	14.000	16.000	7.50	.25	18.00	5/8-11

Footnotes

S	Steel frame
A	Aluminum frame
C	Cast Iron frame
US	Made in the USA
MX	Made in Mexico
CA	Made in Canada
CN	Made in China
2	These combination 56H base motors have mounting holes for 56 and 143-5T, and 1/2 diameter shaft with flat 1.5” long
3	Combination 56 H base has mounting holes for NEMA 56 and 143-5T and a standard NEMA 145T frame shaft of 7/8” Dia.
4	These motors have a NEMA 215T base mounting pattern and shaft height of 5.25”, with usable length of 3 3/8 and diameter of 1 1/8 with standard key
5	Combination 56 H base has mounting holes for NEMA 56, and has a standard NEMA 145T frame shaft of 7/8”” Dia.
6	Combination 56H base has mounting holes for NEMA 56 and NEMA 143-5T and a standard NEMA 56 shaft of 5/8”
7	48YZ motors have std. 48-frame base with 1/2” dia. X 1 7/8 long shaft ext. with flat. Also includes sleeve to convert shaft to 5/8” dia. With 3/16” square key”
8	NEMA 145TC shaft, 7/8” X 2 1/4” and NEMA 56 removable base
9	S56CZ motors have mounting bases with NEMA 56 mounting holes, NEMA 56/143-5T C-face and a NEMA 143-5T shaft extension (7/8”” dia x 2 1/4” long)
10	Motor has mounting base with 182T mounting holes, shaft height is 4.5”. Shaft is std. NEMA 56-5/8” dia. X 1 7/8 long
11	TEBC totally enclosed blower cooled
12	TENV totally enclosed non-vented
13	TEFC totally enclosed fan cooled
14	F1 mounting only
15	Built-in conduit box located at 12:00
16	1/2” diameter shaft - 2 1/4” long
17	5/8” diameter shaft - 2 5/8” long
18	Shaft extension has keyway and flat 180° apart for ease of mounting
19	Shaft is 5/8” Dia.by 2.0” long
20	Shaft is 5/8” Dia.by 2 5/8” long
21	Shaft is 3/4” Dia.by 3 1/2” long
22	Standard 5/8” diameter shaft with keyway plus 3/4” deep hole drilled and tapped to 1/4-20 UNC in end of shaft to facilitate mounting of some fan blades
23	Standard 7/8” diameter shaft with keyway plus 3/4” deep hole drilled and tapped to 1/4-20 UNC in end of shaft to facilitate mounting of some fan blades
24	Motor’s shaft is 1 inch longer than standard
25	Shaft extension has keyway and flat 180° apart for ease of mounting. Useable shaft is 1 1/2” long by 1/2 Dia., 1/8” keyway
26	Shaft is 1/2”” Dia. X 1 1/2”” long with flat
27	Shaft is 5/8” Dia. X 1.97” ling with 3/16” keyway
28	1/4” long extended through-bolts
29	IEC Frame - See IEC dimension chart in back of catalog for dimension information
30	CW rotation only, from lead end of motor
31	For motors having a ”P” suffix letter in the date code
32	Motor has terminal board connection
33	Automatic overload - cannot use with VFD
34	1” long extended through-bolts
35	Terminal studs at 12:00
36	Special BA dimension 2.31 for belt guard clearance
37	Uses drip cover kit 175305.00
38	Uses drip cover kit 175004.00
39	Uses drip cover kit 175932.00
40	Uses drip cover kit 175933.00
41	Uses drip cover kit 175846.00
42	Uses drip cover kit 175849.00
43	Uses drip cover kit 175962.00
44	Uses drip cover kit 175963.00
45	Uses drip cover kit 175614.00
46	50 Hz operation at rated HP
47	Rated at 50Hz at full rated HP
48	190/380V, 50Hz at next lowest HP @1.15 S.F.
49	Class F insulated
50	Suitable for single speed operation only
51	Mechanical centrifugal starting switch with overspeed protection, others have electronic start switch
52	Extra high starting torque
53	Capacitor start/capcitor run design for reduced amperage, others are capacitor start/induction run
54	Split phase start, capacitor run is suitable for belt drive within the airflow of the fan
55	Split phase start, capacitor run
56	Designed for inverter duty operation
57	Rated for farm duty service
58	Provision for belly band mount, no base
59	Resilient base with provision for belly band mount
60	Rigid base
61	Nema 145TC face mounting with removable NEMA 182T rigid base
62	Provision for belly band and pedestal fan mounting, no rigid base
63	Resilient base
64	Stub shaft on ODE for manual jogging

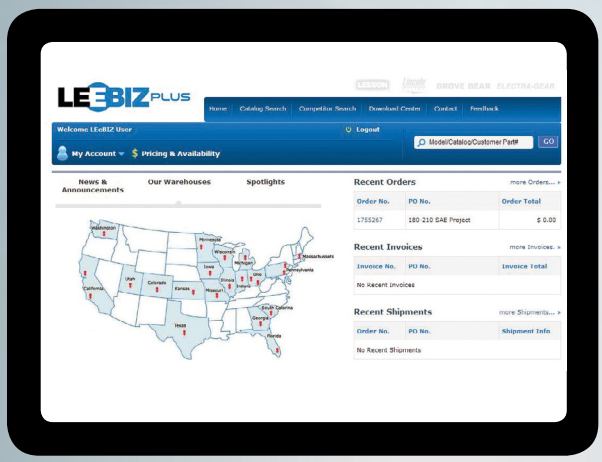
Two great tools, now at your fingertips.

The all new LEESON Mobile Experience puts all of the information you need available everywhere you are with our easy-to-use mobile app.



Available on
Apple or Android

Scan this code
to download app



LEEBiz PLUS gives you real-time access to all of your most important account information.

- Real time inventory visibility
- Shipment tracking
- PDF product packet information
- Alternative product suggestions NEW

www.leeson.com

LEESON®

Leeson Electric
1051 Cheyenne Ave
Grafton, WI 53024
PH: 262-377-8810
FAX: 262-377-9025
www.leeson.com

A Regal Brand

REGAL

www.regalbeloit.com

©2014 Regal-Beloit Corporation CATALOG 1050 7827S-NP/35K/12-14/RIPON Printed in the USA