

PRODUCT INFORMATION PACKET



Model No: 193326.60

Catalog No: 193326.60

LEESON® PASSPORT 30 HP General Purpose, 3 phase, 1200 RPM, 230/460 V, 200L Frame, TEFC



Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E



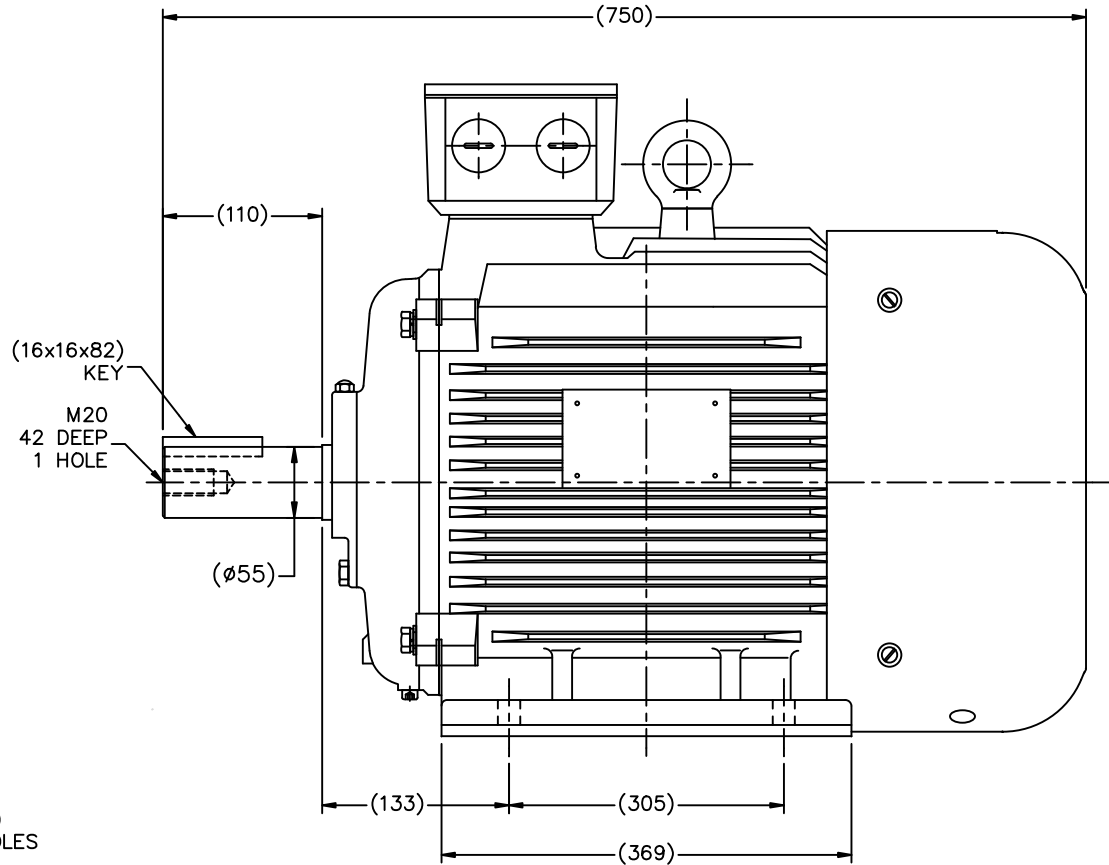
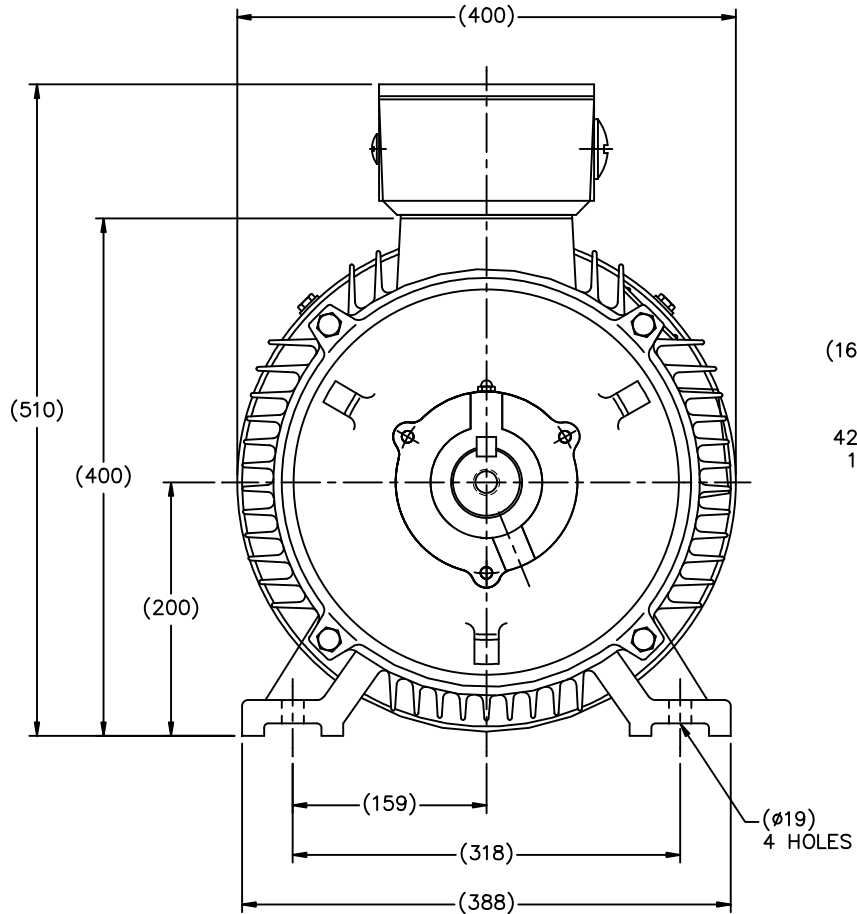


Nameplate Specifications

| | | | |
|------------------------|------------------------------|----------------------------|------------------------------------|
| Phase | 3 | Output HP | 30 & 25 Hp |
| Output KW | 22.4 & 18.7 kW | Voltage | 230/460 & 200/400 V |
| Speed | 1190 & 990 rpm | Service Factor | 1.15 & 1.15 |
| Frame | 200L | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | Thermostat | Efficiency | 93.6 & 92.4 % |
| Ambient Temperature | 40 °C | Frequency | 60 & 50 Hz |
| Current | 77/38.5 & 76/38 A | Power Factor | 78 |
| Duty | Continuous | Insulation Class | F |
| Design Code | B | KVA Code | G |
| Drive End Bearing Size | 6312 | Opp Drive End Bearing Size | 6212 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 55 |
| Number of Speeds | 1 | | |

Technical Specifications

| | | | |
|-----------------------|-------------------------------------|-------------------|--|
| Electrical Type | Squirrel Cage Inverter Rated | Starting Method | Wye Start Delta Run Or Inverter |
| Poles | 6 | Rotation | Reversible |
| Resistance Main | .197 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Cast Iron |
| Shaft Type | IEC | Overall Length | 29.52 in |
| Shaft Diameter | 2.187 in | Shaft Extension | 4.33 in |
| Assembly/Box Mounting | F3 | | |
| Connection Drawing | 004172.01 | Outline Drawing | B-SS622240 |



(MAY NOT BE DRAWN TO SCALE)

(DIMENSIONS ARE IN MILLIMETERS)

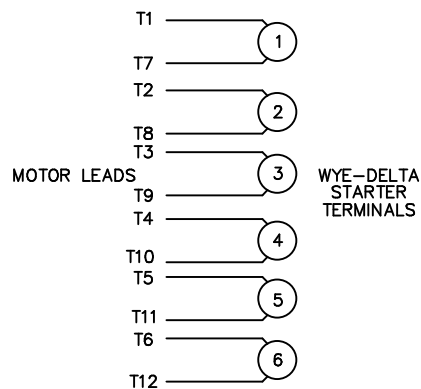
| | |
|--------|-----------|
| DF200L | 193327.60 |
| | 193330.60 |
| | 193328.60 |
| | 193323.60 |
| | 193326.60 |
| FRAME | PART # |

| | | | | | | | | | |
|--|----------|-----------|-----|-----------------------------|------------|-----------------------------|----------|----------------------|--------------------------|
| | | | | TOLERANCES UNLESS SPECIFIED | | | | DRAWN MSG 11-17-2010 | |
| | | | | DEC. | METRIC | | | CHK MJS 11-18-2010 | |
| | | | | .X | ±2.5 | APPD SB 11-18-2010 | | SCALE 1=4 | |
| | | | | .XX | ±.76 | TITLE OUTLINE - IEC PREMIUM | | REF | |
| | | | | .XXX | ±.127 | DF200L-2, 4, 6 | | FMF HEBEI | |
| | | | | .XXXX | ±.0127 | MAT'L | | PREV | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±7'30" | FINISH | | SIZE | DRAWING NO. PAGE OF REV. |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT | | | | RFP | 11-18-2010 | CAD FILE | SS622240 | B | SS622240 |
| | | | | DIST | | | | | |

WYE - DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.

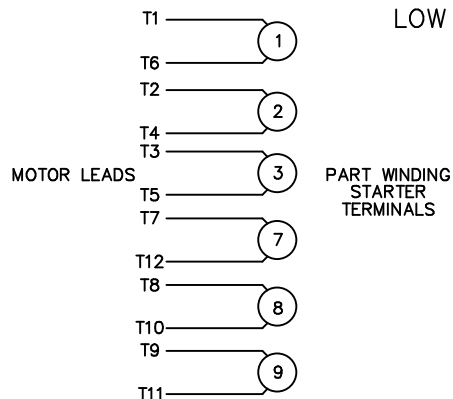
LOW VOLTAGE CONNECTION

HIGH VOLTAGE CONNECTION



REFER TO THE WYE-DELTA STARTER CONNECTION INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



REFER TO THE PART WINDING STARTER INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

REFER TO THE CUTLER - HAMMER OR EQUIV. FOR PROPER SELECTION OF OVERLOAD HEATER COILS.



| ACROSS THE LINE START & RUN | | | | |
|-----------------------------|-------------------|-------------------|-------------------|----------------------------|
| | LINE 1 | LINE 2 | LINE 3 | JOIN & INSULATE SEPARATELY |
| HIGH VOLT | T1, T12 | T2, T10 | T3, T11 | (T4, T7) (T5, T8) (T6, T9) |
| LOW VOLT | T1, T6 T7, T12 | T2, T4 T8, T10 | T3, T5 T9, T11 | |

| | | | | TOLERANCES UNLESS SPECIFIED | | ELECTRIC MOTORS GEARMOTORS AND DRIVES | DRAWN WLW 09/08/77 | | |
|--|---|--------------|-------|-----------------------------|----------|---|--------------------|-------------|------|
| | | | | DEC. | INCHES | | CHK RPB 09/12/77 | | |
| | | | | .X | ±.1 | | APPD JCW 09/12/77 | | |
| 03 | REV'D LOW VOLTAGE CONN. LEADS PER ELEC. | BJB 06/07/00 | .XX | ±.01 | TITLE | DELTA - WYE CONNECTION DIAGRAM | SCALE | 1=1 | |
| 02 | ADDED T-STAT. NOTES PER ELECTRICAL | KMM 06/02/98 | .XXX | ±.005 | | | REF | | |
| 01 | REDRAWN TO CAD | DBT 06/02/97 | .XXXX | ±.0005 | MAT'L. | | FMF | | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±1/2" | FINISH | PREV | | |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT | | | | RFP | CAD FILE | 00417201 | SIZE | DRAWING NO. | REV. |
| | | | | DIST | | | A | 004172-01 | 03 |

Data Sheet

Date: 2/1/2018

193326.60



Data @ 460 V

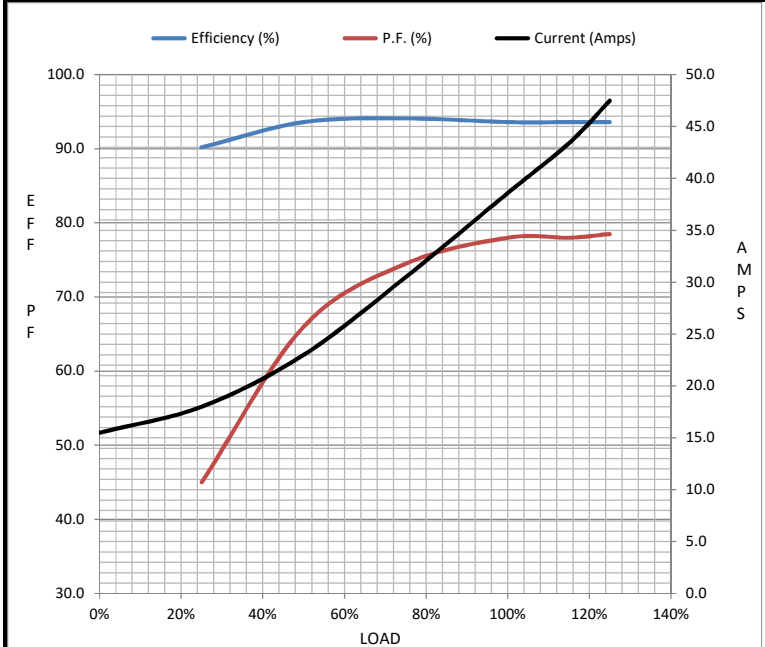
Motor Load Data

| Load | 0% | 25% | 50% | 75% | 100% | 115% | 125% | LR |
|----------------|------|------|------|------|------|-------|------|-----|
| Current (Amps) | 15.5 | 18.0 | 23.0 | 30.5 | 38.6 | 43.4 | 47.5 | 201 |
| Torque (ft-lb) | 0.00 | 33.0 | 67.0 | 100 | 133 | 153 | 166 | 213 |
| RPM | 1200 | 1197 | 1195 | 1192 | 1190 | 1,188 | 1185 | 0 |
| Efficiency (%) | | 90.2 | 93.6 | 94.1 | 93.6 | 93.6 | 93.6 | |
| P.F. (%) | 4.5 | 45.0 | 66.0 | 74.5 | 78.0 | 78.0 | 78.5 | 0.0 |

Motor Speed Data

| | LR | Pull-Up | BD | Rated | Idle |
|----------------|-----|---------|------|-------|------|
| Speed (RPM) | 0 | 300 | 1140 | 1190 | 1200 |
| Current (Amps) | 201 | 190 | 130 | 38.6 | 15.5 |
| Torque (ft-lb) | 213 | 180 | 290 | 133 | 0.00 |

| Information Block | | | | |
|-----------------------------|-------------------------|--------|--------|--------|
| HP | 30.0 | | | |
| Sync. RPM | 1200 | | | |
| Frame | 326 | | | |
| Enclosure | TEFC | | | |
| Construction | TFC | | | |
| Voltage | 230/460#200/400 V | | | |
| Frequency | 60 Hz | | | |
| Design | B | | | |
| LR Code letter | F | | | |
| Service Factor | 1.15 | | | |
| Temp Rise @ FL | 57 °C | | | |
| Duty | CONT | | | |
| Ambient | 40 °C | | | |
| Elevation | 1,000 feet | | | |
| Rotor/Shaft wk ² | 0.00 Lb-Ft ² | | | |
| Ref Wdg | T16106012 FR | | | |
| Sound Pressure @ 1M | 72 dBA | | | |
| VFD Rating | CONSTANT 10:1 | | | |
| Outline Dwg | B-SS622240 | | | |
| Conn. Diag | 004172.01 | | | |
| Additional Specifications: | | | | |
| 0 | | | | |
| 0 | | | | |
| EQUIV CKT (OHMS / PHASE) | | | | |
| R1 | R2 | X1 | X2 | Xm |
| 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |



Speed - Torque Curve

