

PRODUCT INFORMATION PACKET



Model No: M1125072.00
Catalog No: M1125072.00
Parallel Shaft Gearmotor, 0.13 HP, 90 V, 61 RPM, 30 Frame, TENV



Regal and LEESON are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2025 Regal Rexnord Corporation, All Rights Reserved. MC017097E





Nameplate Specifications

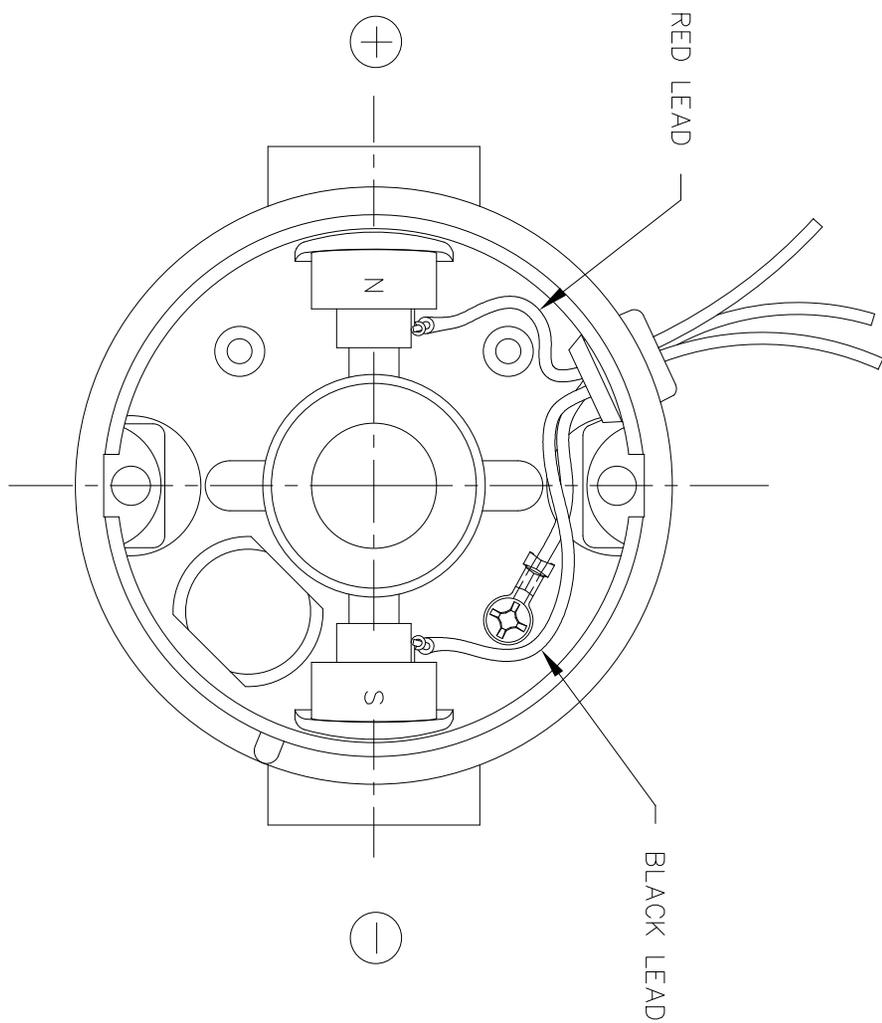
| | | | |
|----------------------------|----------------------------------|------------------------|---------------|
| Output HP | 0.13 Hp | Output KW | 0.10 kW |
| Voltage | 90 V | Speed | 61 rpm |
| Service Factor | 1.0 | Frame | 30 |
| Enclosure | Totally Enclosed Non Ventilating | Thermal Protection | No Protection |
| Efficiency | 70.8 % | Ambient Temperature | 40 °C |
| Current | 1.3 A | Duty | Continuous |
| Insulation Class | F | Drive End Bearing Size | 6000 |
| Opp Drive End Bearing Size | 6000 | UL | Recognized |
| CSA | Y | CE | Y |

Technical Specifications

| | | | |
|--------------------|------------|-----------------|-------------------|
| Rotation | Reversible | Mounting | Special |
| Shaft Type | Parallel | Overall Length | 11.45 in |
| Frame Length | 4.91 in | Shaft Diameter | 0.625 in |
| Shaft Extension | 1.5 in | Torque | 113 LB-IN |
| Connection Drawing | M100530201 | Outline Drawing | M1030961-M1125072 |

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:04/08/2025

D.C. MOTORS



EXTERNAL CONNECTIONS FOR CW ROTATION
 VIEWING LEAD END OF MOTOR WITH RED LEAD
 POSITIVE (+) AND BLACK LEAD NEGATIVE (-)
 FOR CCW ROTATION REVERSE POLARITY

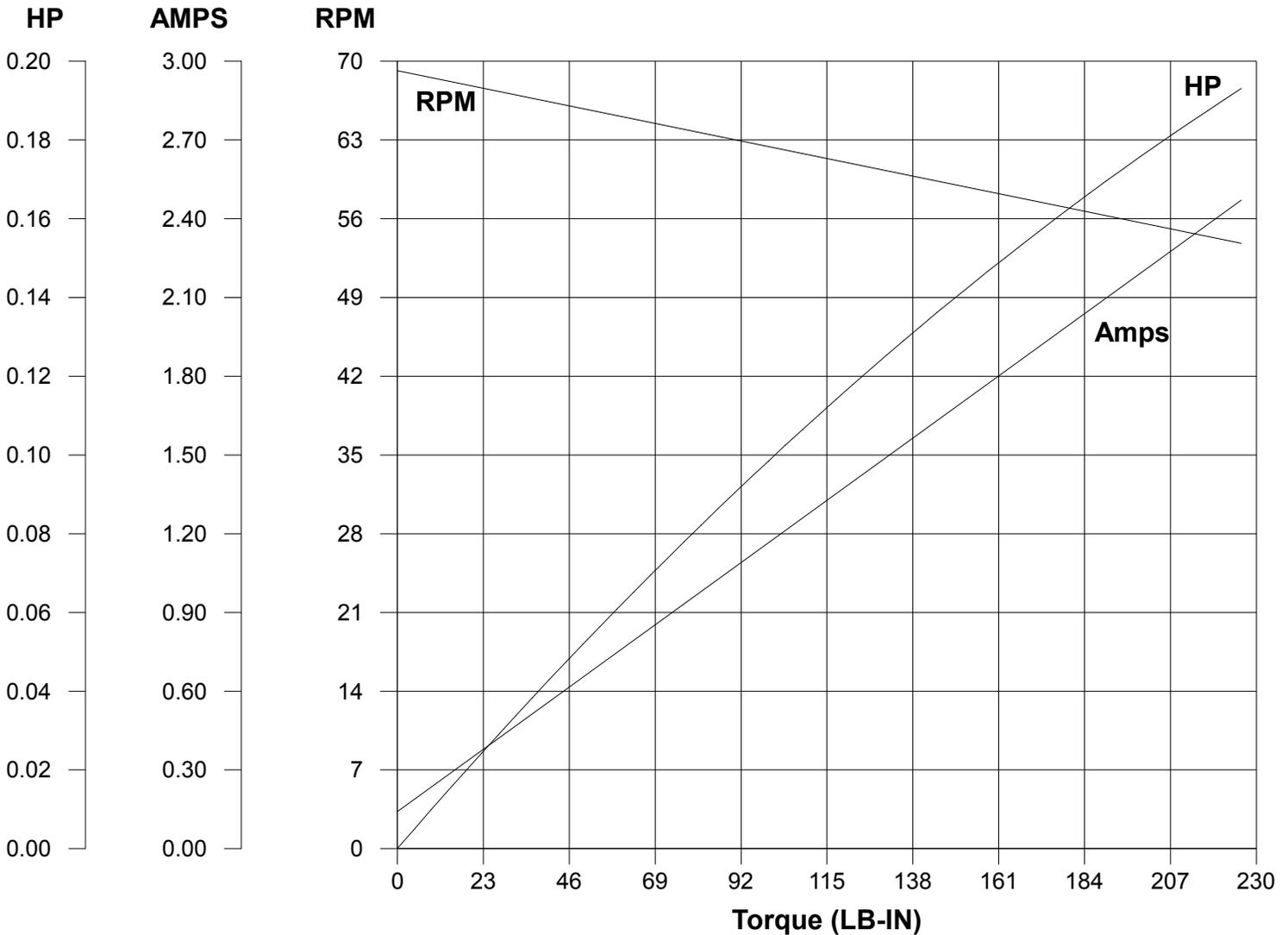
| | |
|------|-----|
| ITEM | REV |
| | 001 |

| | | | | | | | | |
|--|--|--------------|-----|-----------------------------|--------|---|-------------------|----------------|
| | | | | TOLERANCES UNLESS SPECIFIED | |  ELECTRIC MOTORS GEARMOTORS AND DRIVES | DRAWN RWS 3/15/05 | |
| | | | | DEC. | INCHES | | CHK RPB 3/15/05 | |
| | | | | .X | ±.1 | | APPD | |
| | | | | .XX | ±.01 | | SCALE 1=1 | |
| | | | | .XXX | ±.005 | | REF 901.706 | |
| C | BRUSH HOLDERS ROTATED 90°, ECR-0207997 | IPG 11/12/21 | | .XXX | ±.005 | TITLE CONNECTION DIAGRAM | | SCALE 1=1 |
| 00 | RELEASED COMM CONVERSION PROJECT | RWS 4/13/05 | RPB | .XXXX | ±.0005 | MAT'L. | | REF 901.706 |
| NO. | REVISION | BY & DATE | CHK | ANG | ±1/2° | FINISH | | FMF M115002.00 |
| 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 | M100530201 | SIZE A |
| | | | | DIST | | DRAWING NO. M1005302.01 | | REV. C |
| | | | | | | 4 of 5 | | |

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE FOR DIRECT CURRENT PERMANENT MAGNET MOTOR

| | | |
|-----------------------------|--------------------------------|----------------------|
| Model No. <u>985.610</u> | Catalog No. <u>M1125072.00</u> | |
| HP <u>0.125</u> | RPM <u>61</u> | DC Volts <u>90.0</u> |
| F.F. <u>1.38</u> | Encl <u>TENV</u> | Type <u>DN</u> |
| Max. Amb. <u>40.0 Deg C</u> | Insul. <u>F</u> | Frame <u>30</u> |
| | | N.P. FLA <u>1.30</u> |
| | | S.F. <u>1.00</u> |
| | | Duty <u>CONT</u> |



Ra 6.7140 Ohms
La 37.96 mHenrys
Ja 7.277 OZ-IN²
Ke 44.64 V/KRPM

Kt 3.773 LB-IN/AMP
Imax 13.7 AMPS Allowed
FL Torque 113.0 LB-IN
FL EFF 70.80 %

Winding W- MD302166-2 **Prepared by** V. Boehlen **Date** 05-12-2014