

PRODUCT INFORMATION PACKET

Model No: M1125277.00

Catalog No: M1125277.00

Right Angle Gearmotor, 0.25 HP, 90 V, 62 RPM, 32 Frame, TENV



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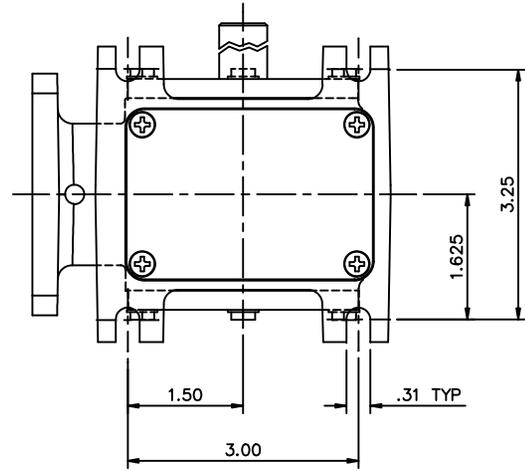
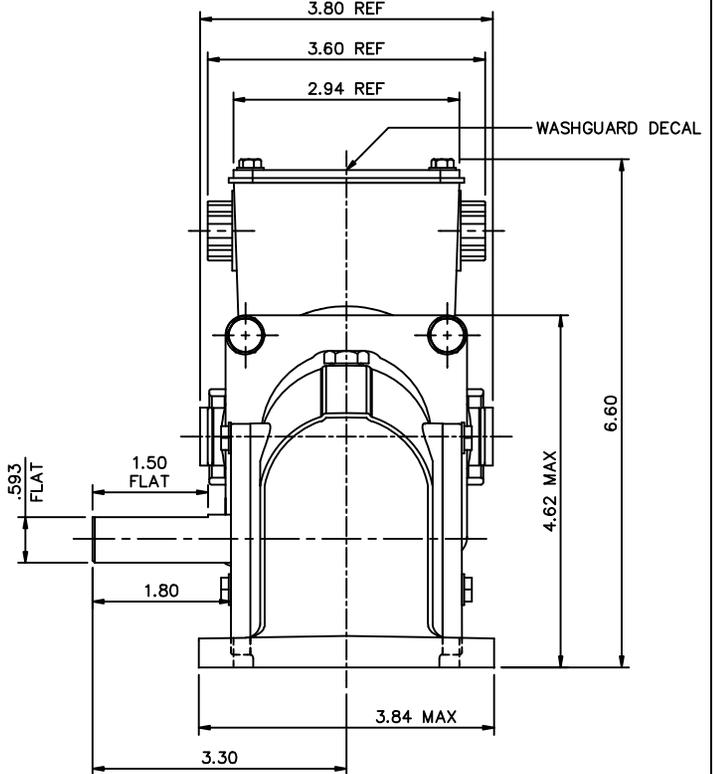
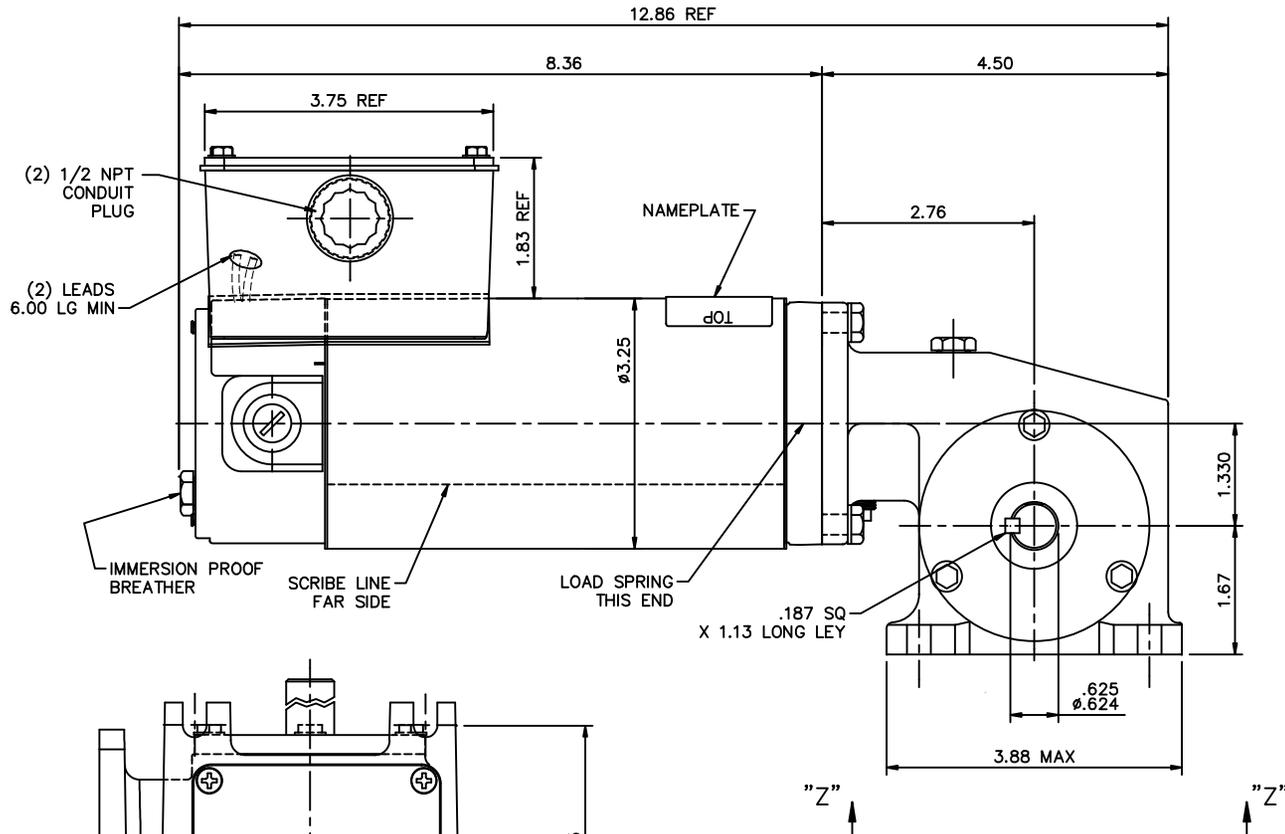
Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Voltage	90 V	Current	3.7 A
Speed	62 rpm	Service Factor	1
Efficiency	30.5 %	Duty	Continuous
Insulation Class	F	Frame	32
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	No Protection
Ambient Temperature	40 °C	Drive End Bearing Size	6201
Opp Drive End Bearing Size	6201	UL	Recognized
CSA	Y	CE	Y

Technical Specifications

Rotation	Reversible	Mounting	Special
Shaft Type	Right Angle	Overall Length	12.86 in
Frame Length	5.94 in	Shaft Diameter	0.625 in
Shaft Extension	1.8 in	Torque	135 LB-IN
Outline Drawing	M1030980-M1125277	Connection Drawing	M100530801

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VIEW "Z-Z"

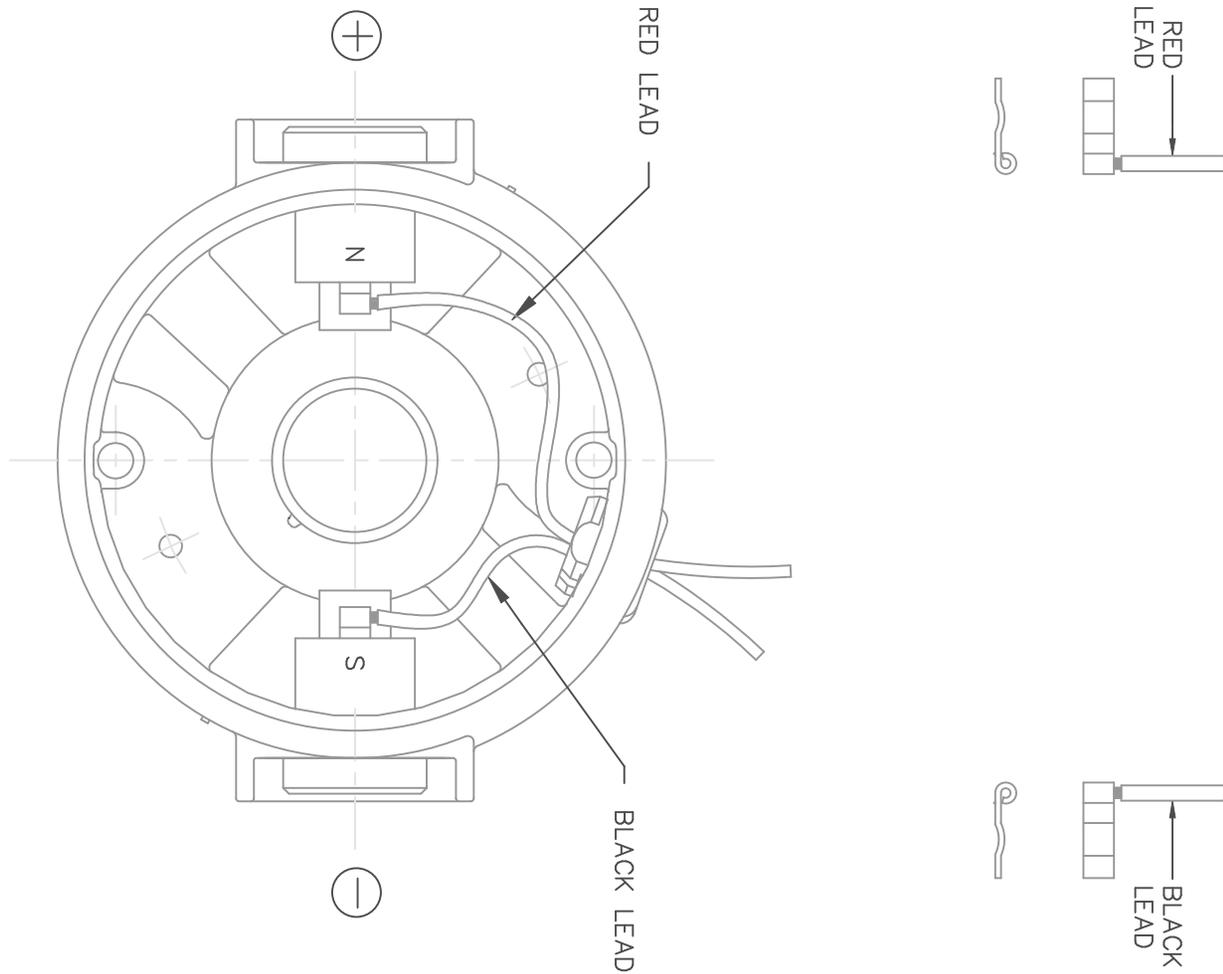
NOTES:

- 1) GASKETS BETWEEN FRAME AND ENDBELLS, CONDUIT BOX AND FRAME, AND CONDUIT BOX COVER AND CONDUIT BOX.

CATALOG NUMBER	SPEED RANGE RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	RATIO TO 1
M1125277.00	62-1	135	1/4	235	40
M1125278.00	125-2.1	90	1/4	235	20
M1125279.00	250-4	50	1/4	235	10

				TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN IPG 4/29/05			
NO.	REVISION	BY & DATE	CHK	ANG	DEC.			INCHES	CHK	SAD 4/29/05	
03	1/2 NPT CONDUIT PLUG QTY. WAS 3. ISAAC 08-3457	RPB 7/30/08	BC	.X		±.1	TITLE OUTLINE - 32 FRAME DC 13 SERIES 90V GEARMOTOR	APPD			
02	CHANGED TO DIE CAST GEARBOX PER ECN 06-3023.	RPB 7/11/06	BC	.XX		±.03		SCALE	5=8		
01	ADDED ITEMS M1125278.00 & M1125279.00 TO TABLE	IPG 4/29/05	SAD	.XXX		±.005		REF	PRO40129-RD1		
00	RELEASED: REF. PRO40129-RD1	IPG 4/29/05	SAD	.XXXX		±.0005		FMF	M1125277.00		
			CHK	ANG		±1/2"		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	M1030980	SIZE	DRAWING NO.	REV.
						DIST			B	M1030980	03

D.C. MOTORS



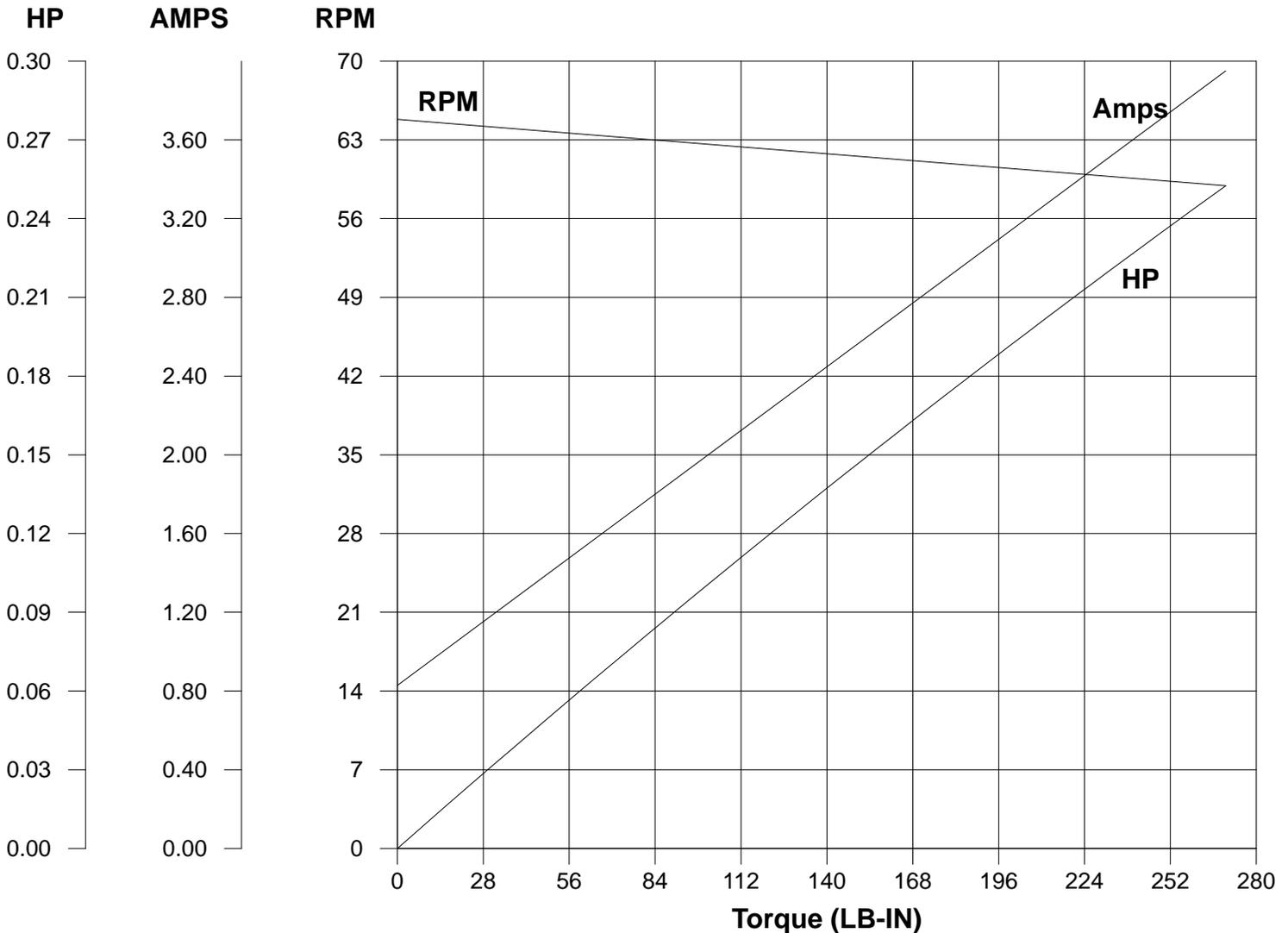
EXTERNAL CONNECTIONS FOR CW ROTATION
 VIEWING LEAD END OF MOTOR WITH RED LEAD
 POSITIVE (+) AND BLACK LEAD NEGATIVE (-)
 FOR CCW ROTATION REVERSE POLARITY

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN IPG 4/8/05 CHK SAD 4/8/05 APPD SCALE 1=1 REF PR040117-RD1 FMF M1120085.00 PREV	
				DEC.	INCHES		TITLE	CONNECTION DIAGRAM
				.X	±.1			
				.XX	±.01			
				.XXX	±.005			
00	RELEASED: REF. PR040117-RD1	IPG	4/8/05	SAD	.XXXX	±.0005	MAT'L.	
NO.	REVISION	BY & DATE		CHK	ANG	±1/2'	FINISH	
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				DIST	M100530801		DRAWING NO.	
						A	M1005308.01	
						REV. 00		

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE FOR DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. <u>CM32D25VZ6</u>	Catalog No. <u>M1125277.00</u>	
HP <u>0.250</u>	RPM <u>62</u>	DC Volts <u>90.0</u>
F.F. <u>1.38</u>	Encl <u>IP55</u>	Type <u>DN</u>
Max. Amb. <u>40.0 Deg C</u>	Insul. <u>F</u>	Frame <u>32</u>
		N.P. FLA <u>3.70</u>
		S.F. <u>1.00</u>
		Duty <u>CONT</u>



Ra 1.9900 Ohms
La 12.46 mHenrys
Ja 1.883 KG-CM²
Ke 33.89 V/KRPM

Kt 2.864 LB-IN/AMP
Imax 37.3 AMPS Allowed
FL Torque 135.0 LB-IN
FL EFF 30.50 %

Winding W- MD3227-1C **Prepared by** V. Boehlen **Date** 12-04-2019