

PRODUCT INFORMATION PACKET

Model No: M1125265.00

Catalog No: M1125265.00

Parallel Shaft Gearmotor, 0.13 HP, 90 V, 167 RPM, 31 Frame, TENV



Regal and are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E

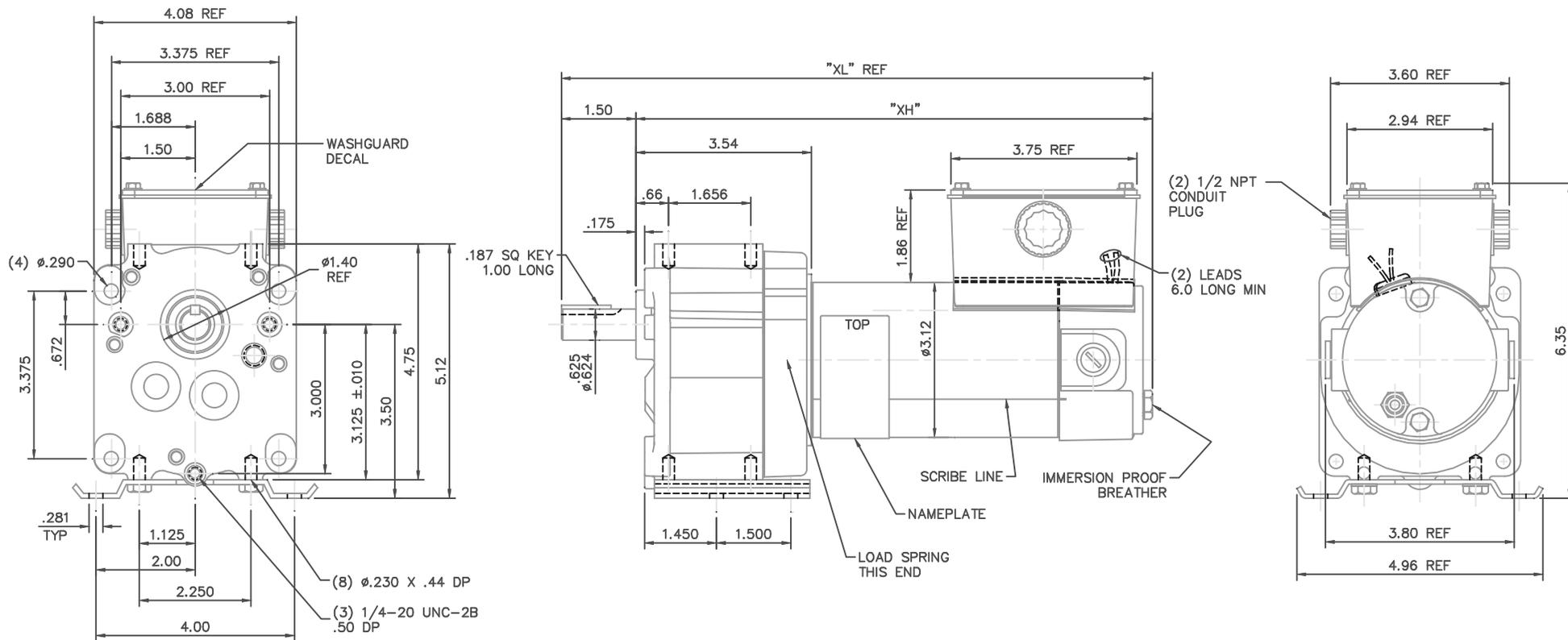
Nameplate Specifications

Output HP	0.13 Hp	Output KW	0.10 kW
Voltage	90 V	Current	1.6 A
Speed	167 rpm	Service Factor	1
Efficiency	60.3 %	Duty	Continuous
Insulation Class	F	Frame	31
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	Parallel	Overall Length	11.94 in
Frame Length	4.94 in	Shaft Diameter	0.625 in
Shaft Extension	1.5 in	Torque	43 LB-IN
Outline Drawing	M1030987-M1125265	Connection Drawing	M100530901

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:09/19/2022

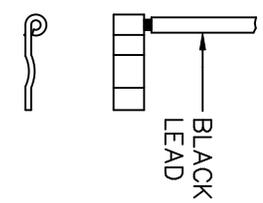
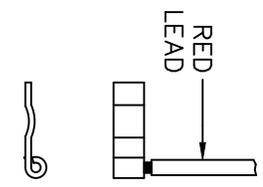
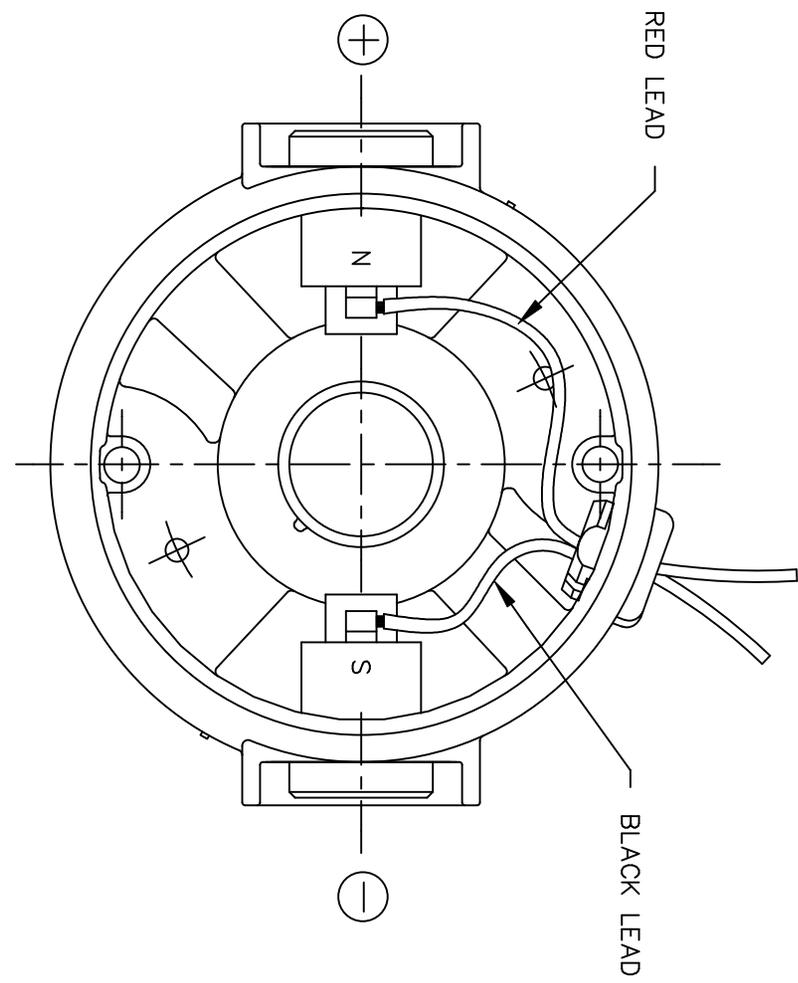


- NOTES:
 1) GASKETS BETWEEN FRAME AND ENDBELL/GEARBOX, CONDUIT BOX AND FRAME, AND CONDUIT BOX COVER AND CONDUIT BOX.
 2) NAMEPLATE MUST BE LOCATED .10 BELOW CONDUIT BOX EDGE.

CATALOG NUMBER	VOLTS	OUTPUT RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	RATIO TO 1	"XH"	"XL"
M1125261.00	90	5	353	1/20	565	336	8.94	10.44
M1125262.00	90	31	220	1/8	327	58	10.44	11.94
M1125263.00	90	51	130	1/8	277	35	10.44	11.94
M1125264.00	90	94	77	1/8	236	19	10.44	11.94
M1125265.00	90	167	43	1/8	197	11	10.44	11.94
M1125266.00	12	5	353	1/20	565	336	8.94	10.44

		TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN IPG 5/6/05				
		DEC.	INCHES			CHK	SAD 5/6/05			
		.X	±.1	TITLE		APPD	SCALE 1=2			
02	1/2 NPT CONDUIT PLUG QTY. WAS 3. ISAAC 08-3457	RPB	7/29/08	BC	.XX	±.03	REF PR040119-RD1			
01	ADDED ITEM M1125266.00 TO TABLE PER FIRST RUN	IPG	5/11/05	SAD	.XXX	±.005	REF M1125262.00			
00	RELEASED: REF. PR040119-RD1	IPG	5/6/05	SAD	.XXXX	±.0005	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	M1030987	SIZE	DRAWING NO.	REV.
						B	M1030987.00		02	

D.C. MOTORS



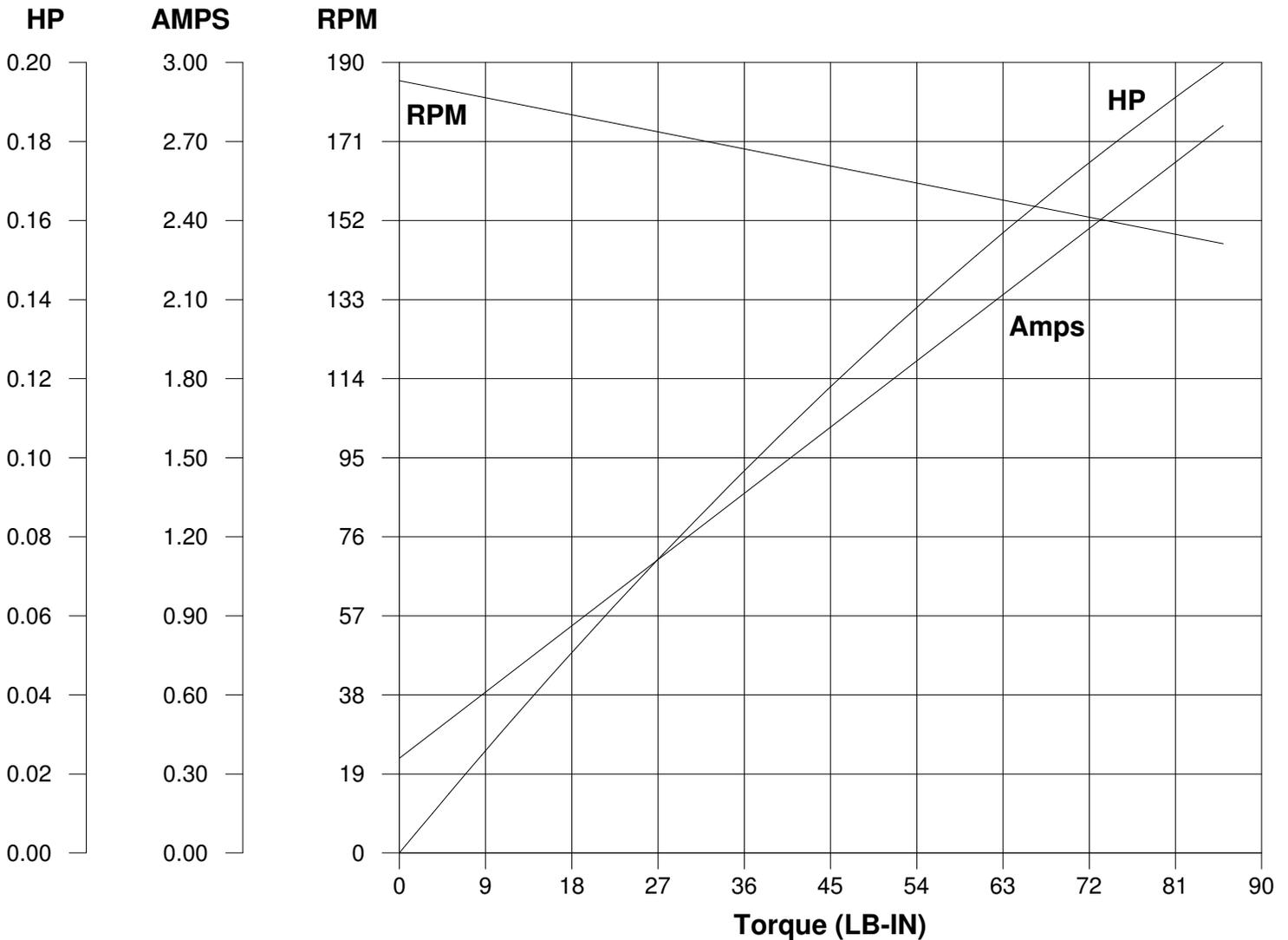
EXTERNAL CONNECTIONS FOR CW ROTATION
 VIEWING LEAD END OF MOTOR WITH RED LEAD
 POSITIVE (+) AND BLACK LEAD NEGATIVE (-)
 FOR CCW ROTATION REVERSE POLARITY

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	IPG 5/2/05		
				DEC.	INCHES		CHK	SAD 5/2/05		
				.X	±.1		APPD			
				.XX	±.01		TITLE	CONNECTION DIAGRAM		
				.XXX	±.005		SCALE	1=1		
00	RELEASED: REF. M1005308.01	IPG	5/2/05	SAD	.XXXX	±.0005	MAT'L.	REF	M1005308.01	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	FMF	M1125275.00	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			SIZE	DRAWING NO.	REV.
				DIST	M100530901			A	M1005309.01	00

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE FOR DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. <u>CM31D17VZ9</u>	Catalog No. <u>M1125265.00</u>	
HP <u>0.125</u>	RPM <u>167</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>31</u>
		N.P. FLA <u>1.60</u>
		S.F. <u>1.00</u>
		Duty <u>CONT</u>



Ra 6.8000 Ohms
La 37.62 mHenrys
Ja 7.204 OZ-IN²
Ke 44.39 V/KRPM

Kt 3.752 LB-IN/AMP
Imax 17.9 AMPS Allowed
FL Torque 43.00 LB-IN
FL EFF 60.20 %

Winding W- MD312285-1 **Prepared by** V. Boehlen **Date** 12-14-2005