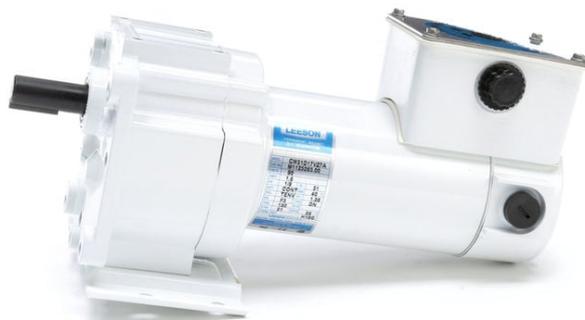


# PRODUCT INFORMATION PACKET



Model No: M1125263.00  
Catalog No: M1125263.00  
White Duck™ Parallel Shaft Gearmotor, 0.13 HP, 90 V, 51 RPM, 31 Frame



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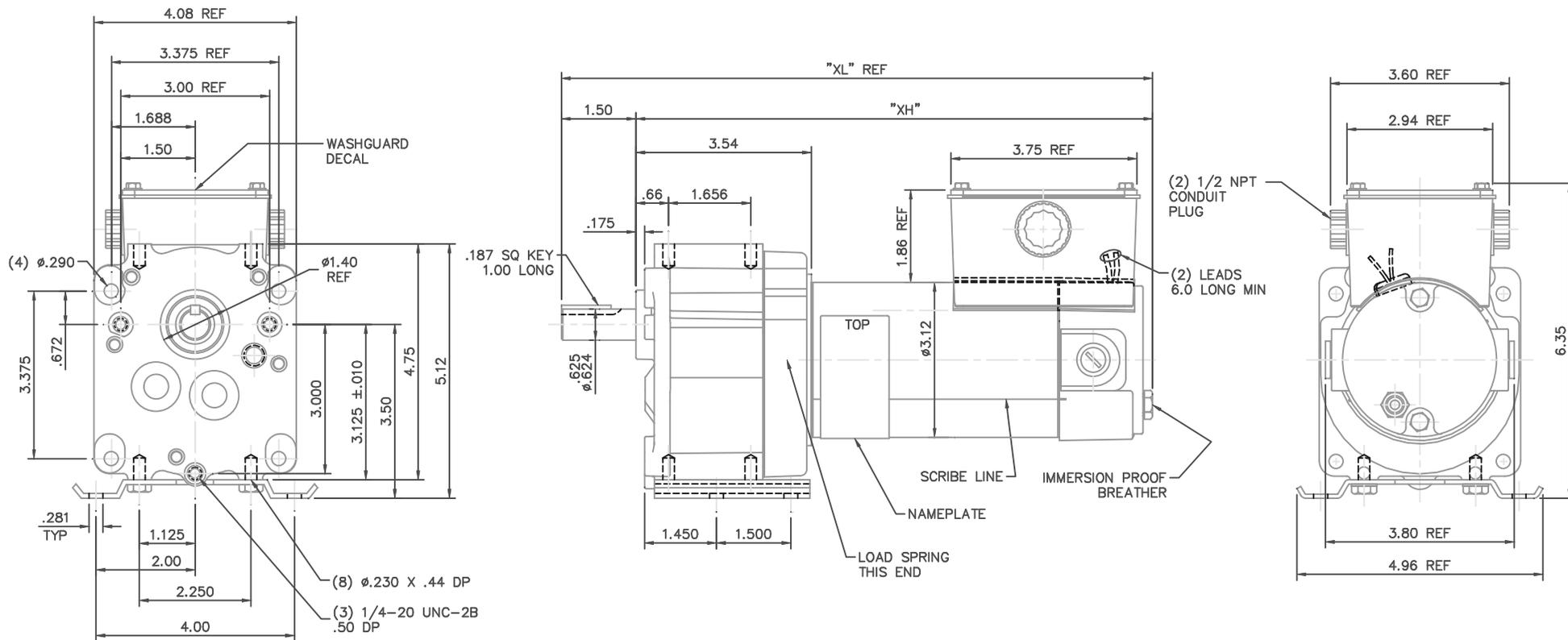
**Nameplate Specifications**

Output HP	0.13 Hp	Output KW	0.10 kW
Voltage	90 V	Speed	51 rpm
Service Factor	1	Frame	31
Thermal Protection	No Protection	Efficiency	59.9 %
Ambient Temperature	40 °C	Current	1.6 A
Duty	Continuous	Insulation Class	F
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	130 LB-IN
Connection Drawing	M100530901	Outline Drawing	M1030987-M1125263

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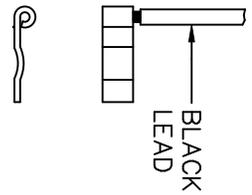
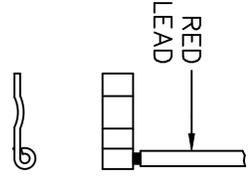
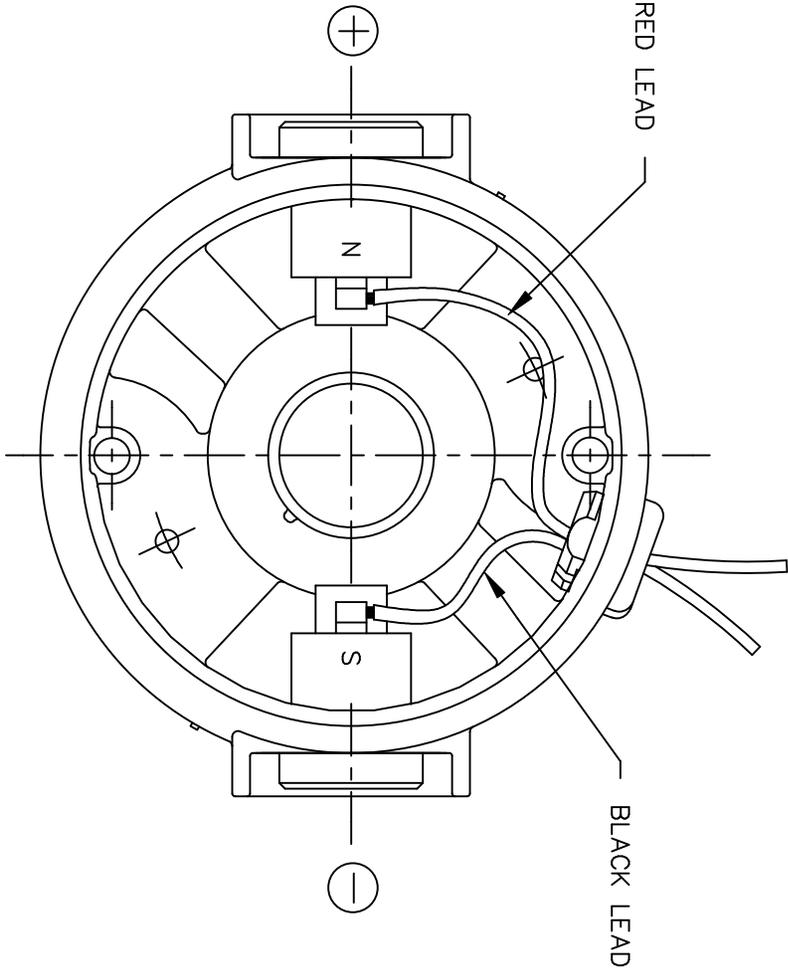


NOTES:  
 1) GASKETS BETWEEN FRAME AND ENDBELL/GEARBOX, CONDUIT BOX AND FRAME, AND CONDUIT BOX COVER AND CONDUIT BOX.  
 2) NAMEPLATE MUST BE LOCATED .10 BELOW CONDUIT BOX EDGE.

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	±.03	31 FRAME DC - P300 GEARMOTOR		REF	PR040119-RD1		
01	ADDED ITEM M1125266.00 TO TABLE PER FIRST RUN	IPG	5/11/05	SAD	.XXX	MAT'L		FMF	M1125262.00		
00	RELEASED: REF. PR040119-RD1	IPG	5/6/05	SAD	.XXXX	FINISH		PREV			
NO.	REVISION	BY & DATE		CHK	ANG	±1/2"	FINISH	SIZE	DRAWING NO.	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			CAD FILE	M1030987	B	M1030987.00	02
				DIST							

D.C. MOTORS



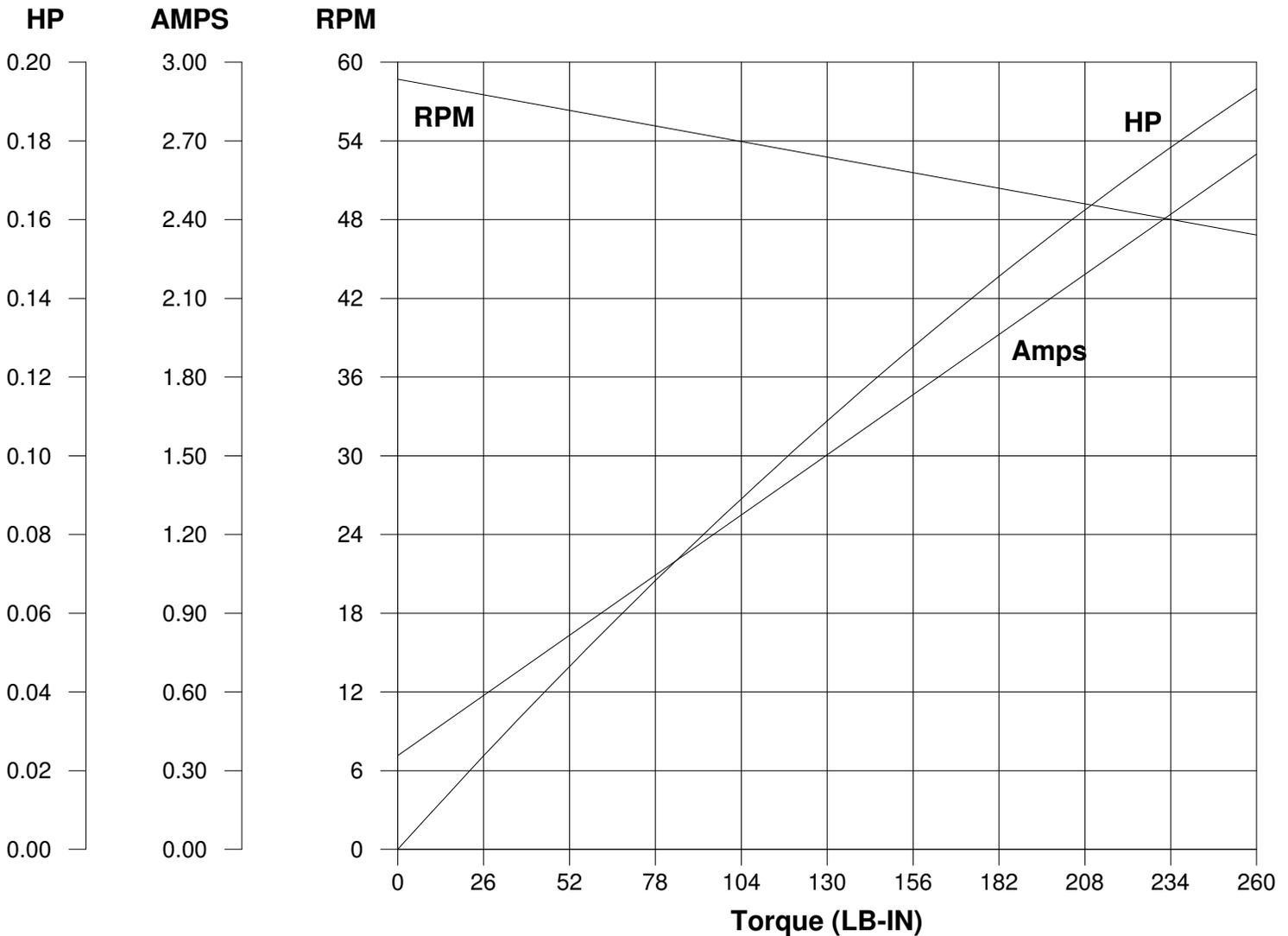
EXTERNAL CONNECTIONS FOR CW ROTATION  
 VIEWING LEAD END OF MOTOR WITH RED LEAD  
 POSITIVE (+) AND BLACK LEAD NEGATIVE (-)  
 FOR CCW ROTATION REVERSE POLARITY

				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>CM31D17VZ7</u>	Catalog No. <u>M1125263.00</u>	
HP <u>0.125</u>	RPM <u>51</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-IN<sup>2</sup>  
**Ke** 44.39 V/KRPM

**Kt** 3.752 LB-IN/AMP  
**Imax** 17.9 AMPS Allowed  
**FL Torque** 130.0 LB-IN  
**FL EFF** 59.90 %

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