

PRODUCT INFORMATION PACKET



Model No: M1135110.00
Catalog No: M1135110.00
Parallel Shaft Gearmotor, 0.25 HP, 90 V, 62 RPM, 34 Frame, TENV



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Nameplate Specifications

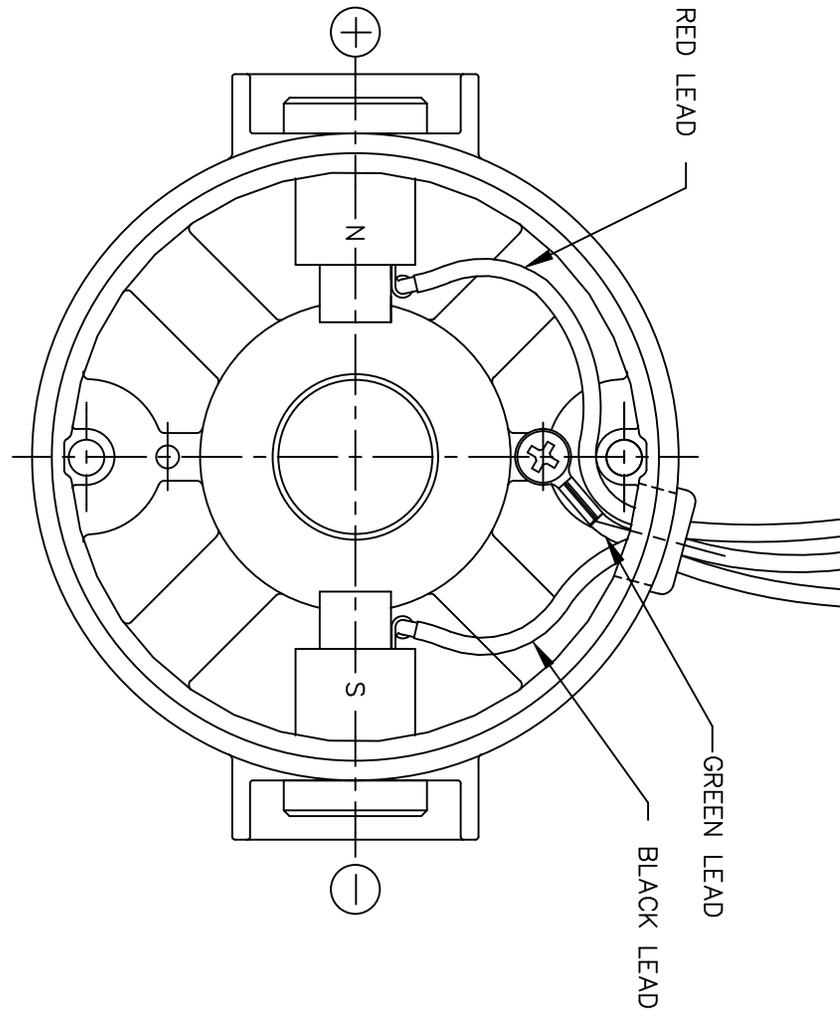
Output HP	0.25 Hp	Output KW	0.19 kW
Voltage	90 V	Speed	62 rpm
Service Factor	1.0	Frame	34
Enclosure	Totally Enclosed Non Ventiladed	Thermal Protection	No Protection
Efficiency	69.2 %	Ambient Temperature	40 °C
Current	2.3 A	Duty	Continuous
Insulation Class	F	Drive End Bearing Size	6201
Opp Drive End Bearing Size	608	UL	Recognized
CSA	Y	CE	Y

Technical Specifications

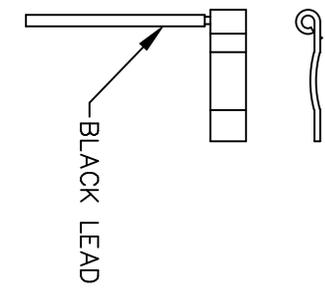
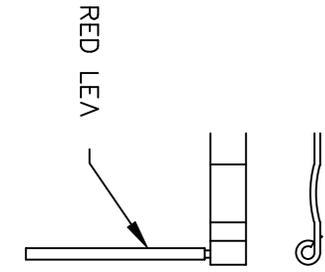
Rotation	Reversible	Mounting	Special
Shaft Type	Parallel	Overall Length	13.31 in
Frame Length	6.06 in	Shaft Diameter	0.750 in
Shaft Extension	1.625 in	Torque	220 LB-IN
Outline Drawing	M1030589-M1135110	Connection Drawing	M100512401

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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

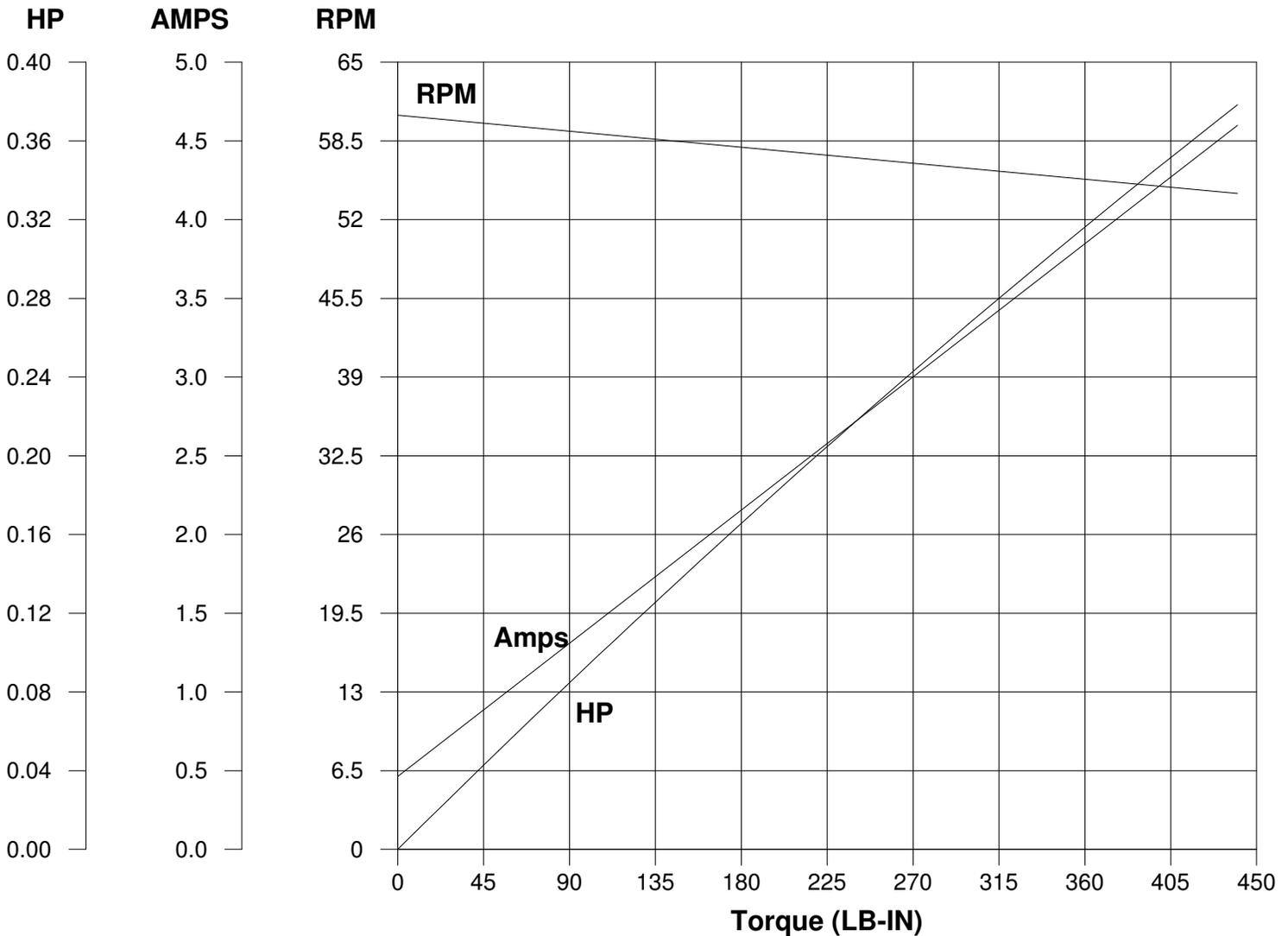


07	CORRECTED "N" & "S", ECR 80000 (PER BC)	VS	8/14/02	BC	TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	SPV 12/10/91	
06	REMOVED GROUND HOLE	TMZ	3/16/95	DEC.	INCHES				CHK	DWF 5/20/92	
05	REVERSE ROTATION WAS CW	SPV	6/3/94	.X	±.1		TITLE		CONNECTION DIAGRAM	APPD	
04	CHANGED ROTATION FROM CCW TO CW	MJS	3/9/93	.XX	±.01		SCALE		1=1		
03	REVISED ROTATION NOTE	DWF	1/6/93	.XXX	±.005		REF				
02	ADDED GREEN LEAD	DWF	8/1/92	.XXXX	±.0005		MAT'L.		FMF M9131D2N22		
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			M100512401	SIZE	DRAWING NO.	REV.
				DIST				A	M1005124.01	07	

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE FOR DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. <u>CM34D25NZ55</u>	Catalog No. <u>M1135110.00</u>	
HP <u>0.250</u>	RPM <u>62</u>	DC Volts <u>90.0</u>
F.F. <u>1.38</u>	Encl <u>TENV</u>	N.P. FLA <u>2.30</u>
Max. Amb. <u>40.0 Deg C</u>	Insul. <u>F</u>	Type <u>DN</u>
	Frame <u>34</u>	S.F. <u>1.00</u>
		Duty <u>Cont</u>



Ra 2.0650 Ohms
La 10.00 mHenrys
Ja 0.6440 LB-IN²
Ke 34.50 V/KRPM

Kt 2.916 LB-IN/AMP
Imax 38.4 AMPS Allowed
FL Torque 220.0 LB-IN
FL EFF 65.60 %

Winding W- MD342145-1 **Prepared by** V. Boehlen **Date** 08-03-2005