

PRODUCT INFORMATION PACKET



Model No: M1135244.00
Catalog No: M1135244.00
Parallel Shaft Gearmotor, 0.25 HP, 12 V, 42 RPM, 34 Frame, TENV



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Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Voltage	12 V	Speed	42 rpm
Service Factor	1.0	Frame	34
Enclosure	Totally Enclosed Non Ventilating	Thermal Protection	No Protection
Efficiency	61.4 %	Ambient Temperature	40 °C
Current	21.0 A	Duty	Continuous
Insulation Class	F	Drive End Bearing Size	6201
Opp Drive End Bearing Size	608	UL	Recognized
CSA	Y	CE	N

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	325 LB-IN
Outline Drawing	M1030807-M1135244	Connection Drawing	M100514301

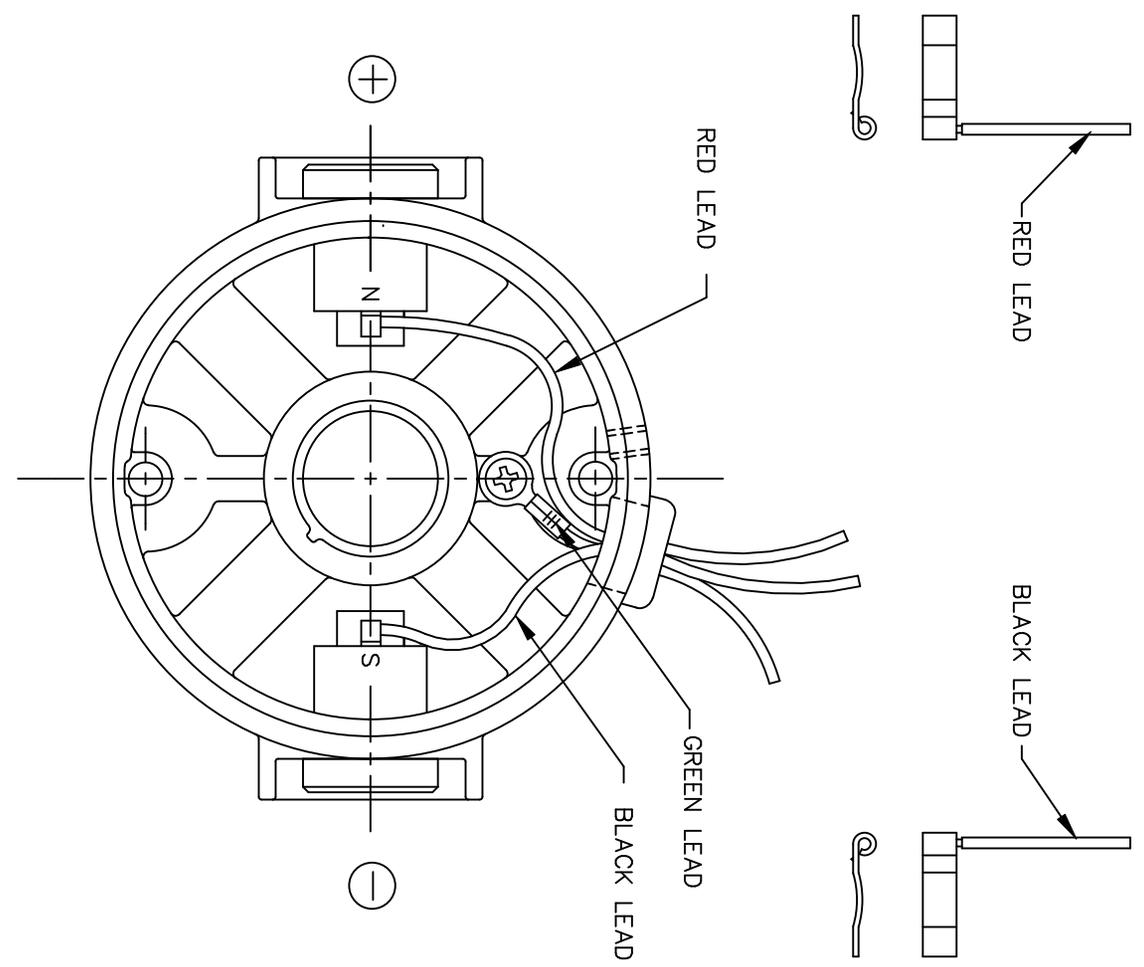
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D.C. MOTORS



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

				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION			
				DECIMALS					
03	CORRECTED "N" AND "S", ECR 80000 (PER B.C.)	VS	08/15/02	.00	± .01	DRAWN DWF 3/26/93	TITLE CONNECTION DIAGRAM		
02	ROTATED DETAIL VIEWS OF LEADS	SAD	2/4/98	.000	± .005	CH'K'D.			
01	REVERSE ROTATION WAS CW	SPV	6/3/94	.0000	± .0005	APPR.	MAT'L.		
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED				ANGLES	± 1/2'	REF. M1005124	FINISH LEESON	SIZE A	DRAWING NO. M1005143-01
				INCH/MM		FMF M1125046	STOCK		

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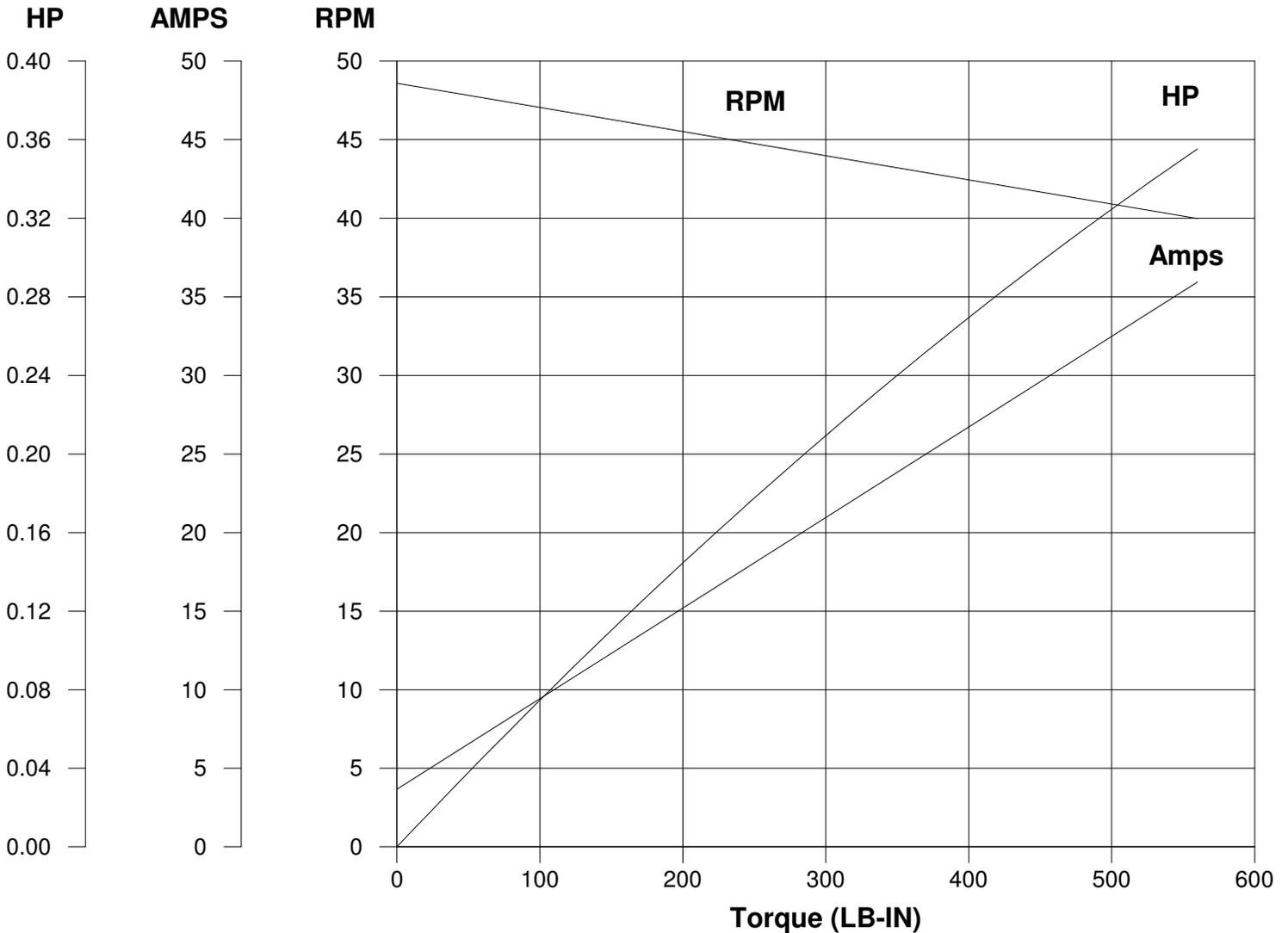
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LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE FOR DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. <u>CM34D25NZ155</u>	Catalog No. <u>M1135244.00</u>	
HP <u>0.250</u>	RPM <u>42</u>	DC Volts <u>12.0</u>
F.F. <u>1.00</u>	Encl <u>TENV</u>	Type <u>DN</u>
Max. Amb. <u>40.0 Deg C</u>	Insul. <u>F</u>	Frame <u>34</u>
		N.P. FLA <u>21.00</u>
		S.F. <u>1.00</u>
		Duty <u>Cont</u>



Ra 0.05300 Ohms
La 0.1200 mHenrys
Ja 0.6440 LB-IN²
Ke 3.908 V/KRPM

Kt 0.3304 LB-IN/AMP
Imax 344.8 AMPS Allowed
FL Torque 280.0 LB-IN
FL EFF 62.00 %

Winding W- MD342107-1 **Prepared by** S. BERNHARDT **Date** 04-21-2005