

PRODUCT INFORMATION PACKET



Model No: M1135246.00
Catalog No: M1135246.00
Parallel Shaft Gearmotor, 0.25 HP, 12 V, 83 RPM, 34 Frame, TENV



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Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Voltage	12 V	Speed	83 rpm
Service Factor	1.0	Frame	34
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	No Protection
Efficiency	65.2 %	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	155 LB-IN
Outline Drawing	M1030807-M1135246	Connection Drawing	M100514301

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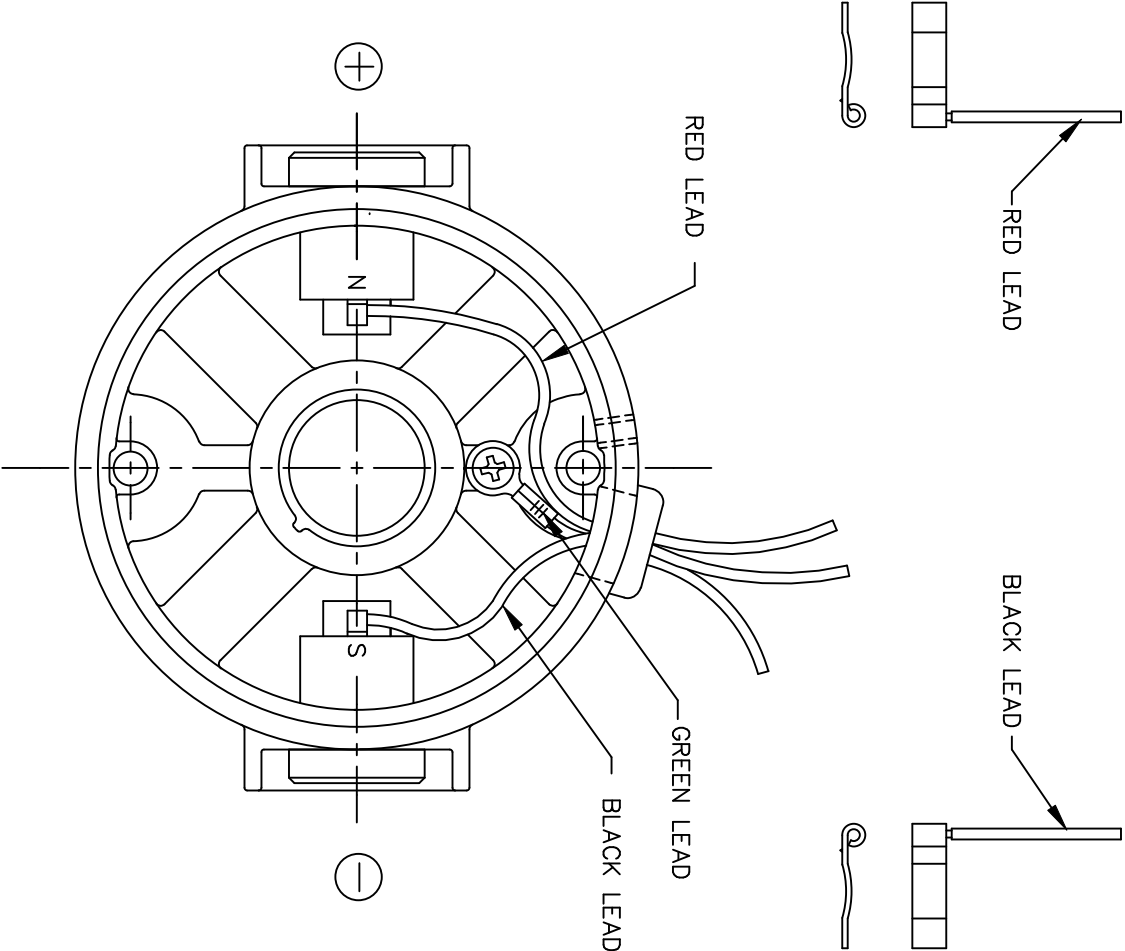
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D.C. MOTORS



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		LEESONELECTRIC 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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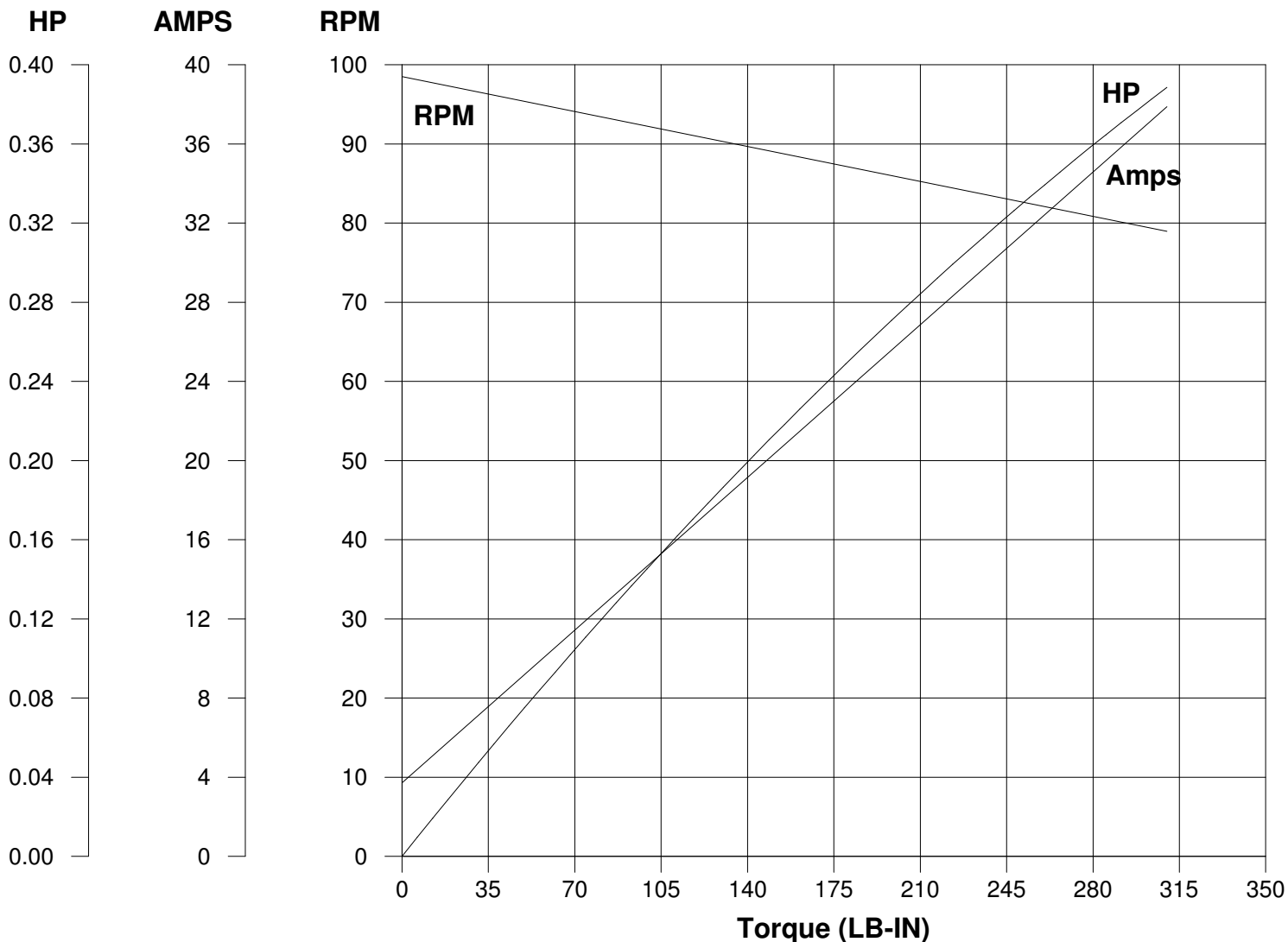
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LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE

FOR

DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. CM34D25NZ157ACatalog No. M1135246.00HP 0.250RPM 83DC Volts 12.0N.P. FLA 21.00F.F. 1.00Encl TENVType DNS.F. 1.00Max. Amb. 40.0 Deg CInsul. F3Frame 34Duty CONT

Ra 0.05300 Ohms
 La 0.1200 mHenrys
 Ja 0.6440 LB-IN²
 Ke 4.139 V/KRPM

Kt 0.3498 LB-IN/AMP
 Imax 344.8 AMPS Allowed
 FL Torque 155.0 LB-IN
 FL EFF 65.20 %

Winding W- MD342107-1Prepared by V. BoehlenDate 10-26-2005