

PRODUCT INFORMATION PACKET



Model No: M1130297.00
Catalog No: M1130297.00
Metric Motor, 24 V, 1800 RPM, 63D Frame, IP54



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Nameplate Specifications

Output KW	0.18 kW	Voltage	24 V
Speed	1800 rpm	Service Factor	1
Frame	63D	Thermal Protection	No Protection
Efficiency	76.5 %	Ambient Temperature	40 °C
Current	10.0 A	Duty	S1
Insulation Class	F	Drive End Bearing Size	6201-13
Opp Drive End Bearing Size	6201-13	UL	Recognized
CSA	Y	CE	N

Technical Specifications

Rotation	Reversible	Mounting	B14
Overall Length	8.75 in	Frame Length	6.43 in
Shaft Diameter	0.437 in	Shaft Extension	0.905 in
Torque	135 OZ-IN		
Outline Drawing	M1030621	Connection Drawing	M100514801

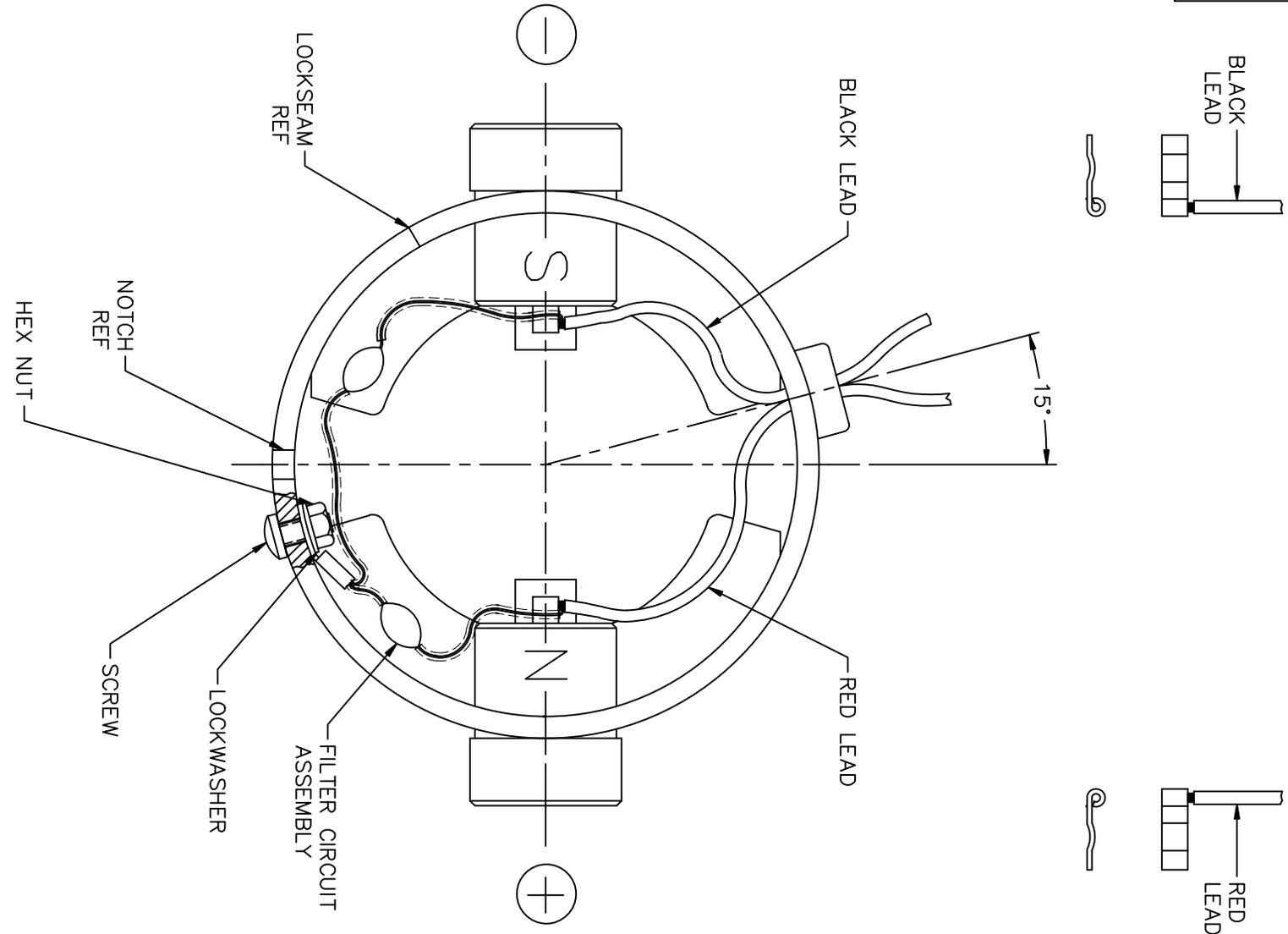
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ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

-savelevel-

DC MOTORS



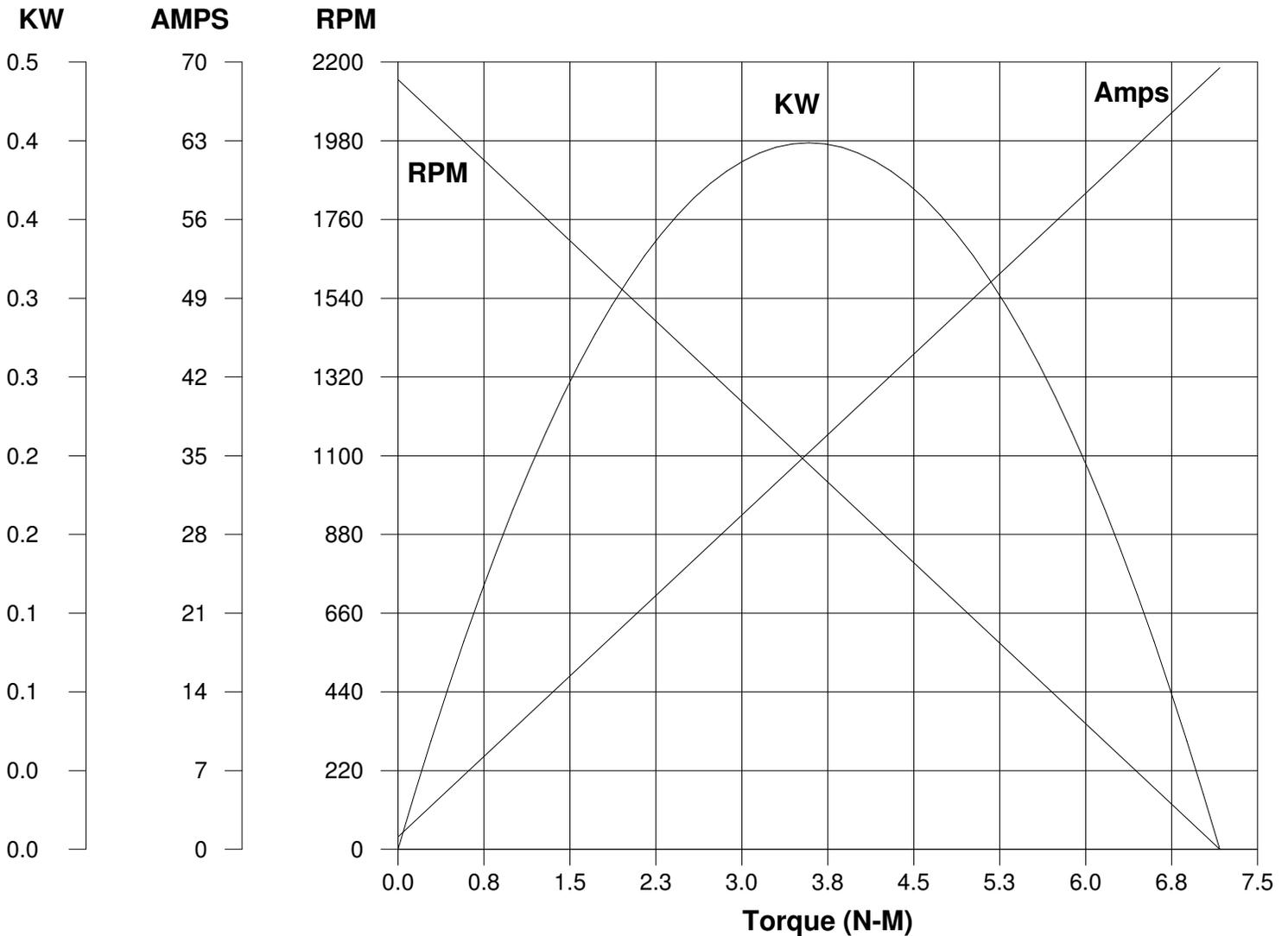
EXTERNAL CONNECTIONS FOR CW ROTATION VIEWING
LEAD END OF MOTOR WITH RED LEAD POSITIVE (+)
FOR CCW ROTATION REVERSE POLARITY

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN DWF 08/21/93 CHK APPD
NO.	REVISION	BY & DATE	CHK	ANG	FINISH		SCALE 1=1
03	ADDED INSULATION TO FILTER ASSEMBLY LEADS, ISAAC 11-0805	IPG 3/18/2011	DEC.	.X	±.1	TITLE CONNECTION DIAGRAM WITH FILTER CIRCUIT MAT'L. SEE ABOVE FINISH	REF M1005126.01
02	CORRECTED "N" & "S", ECR 83508	SMB 12/18/03	IPG	.XX	±.01		FMF M1130199.00
01	6-32 NUT WAS M3.5 & 6-32 SCREW WAS M3.5, REMOVED WASHER, ECR 69963	06/21/99		.XXX	±.005		PREV
				.XXXX	±.0005		
			RFP		CAD FILE M100514801	SIZE A	DRAWING NO. M1005148.01
			DIST				REV. 03

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE FOR DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. <u>CIM34D18FC10</u>	Catalog No. <u>M1130297</u>	
KW <u>0.180</u>	RPM <u>1800</u>	DC Volts <u>24.0</u>
F.F. <u>1.00</u>	Encl <u>IP54</u>	N.P. FLA <u>10.00</u>
Max. Amb. <u>40.0 Deg C</u>	Insul. <u>F</u>	Type <u>G63-9</u>
		Frame <u>63D</u>
		S.F. <u>1.00</u>
		Duty <u>S1</u>



Ra 0.3090 Ohms
La 1.160 mHenrys
Ja 1.319 KG-CM²
Ke 10.98 V/KRPM

Kt 0.1049 N-M/AMP
Imax 94.3 AMPS Allowed
FL Torque 0.9533 N-M
FL EFF 76.50 %

Winding W- MD34247-2 **Prepared by** V. Boehlen **Date** 05-25-2005