

PRODUCT INFORMATION PACKET



Model No: M1130143.00
Catalog No: M1130143.00
Metric Motor, 180 V, 3000 RPM, 63D Frame, IP54



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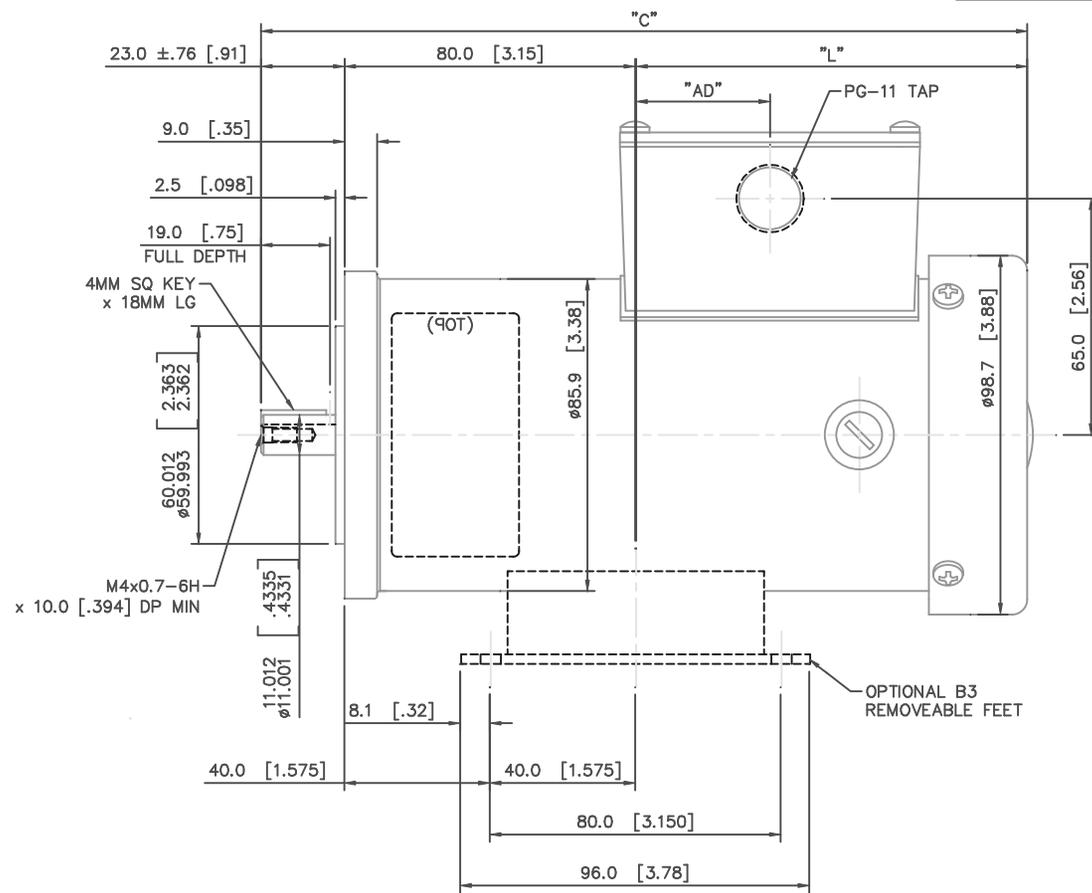
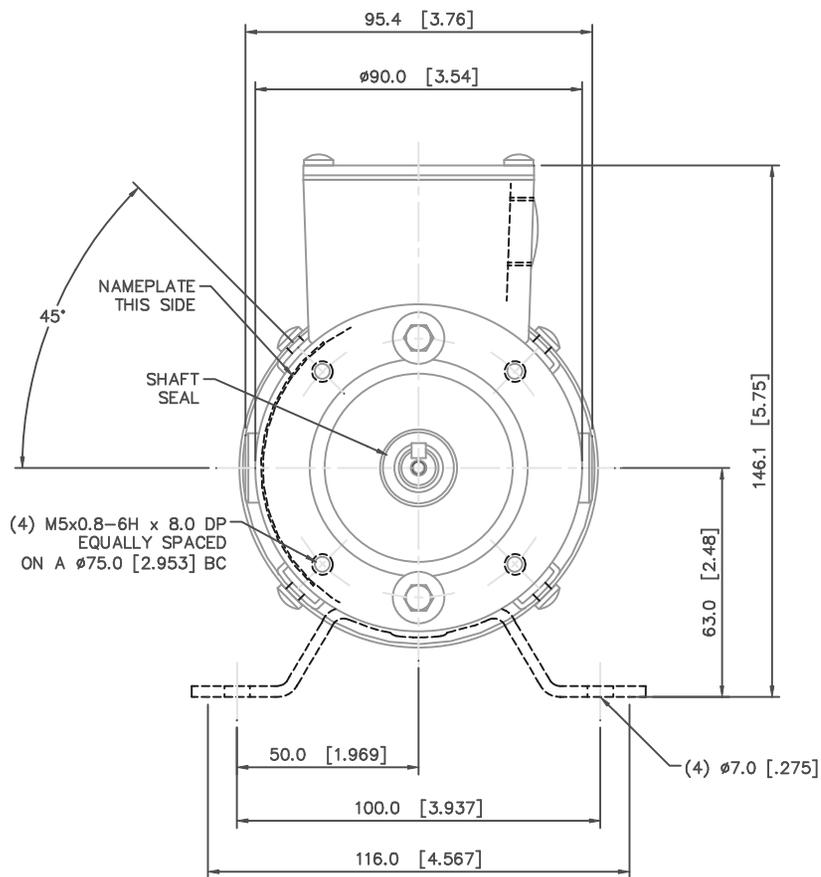
Nameplate Specifications

Output KW	0.37 kW	Voltage	180 V
Speed	3000 rpm	Service Factor	1
Frame	63D	Thermal Protection	No Protection
Efficiency	75.8 %	Ambient Temperature	40 °C
Current	2.4 A	Duty	S1
Insulation Class	F	Drive End Bearing Size	6201-13
Opp Drive End Bearing Size	6201-13	UL	Recognized
CSA	Y	CE	Y

Technical Specifications

Rotation	Reversible	Mounting	B14
Overall Length	9.50 in	Frame Length	7.18 in
Shaft Diameter	0.437 in	Shaft Extension	0.91 in
Torque	112 OZ-IN		
Connection Drawing	M100512601	Outline Drawing	M1030282-G63

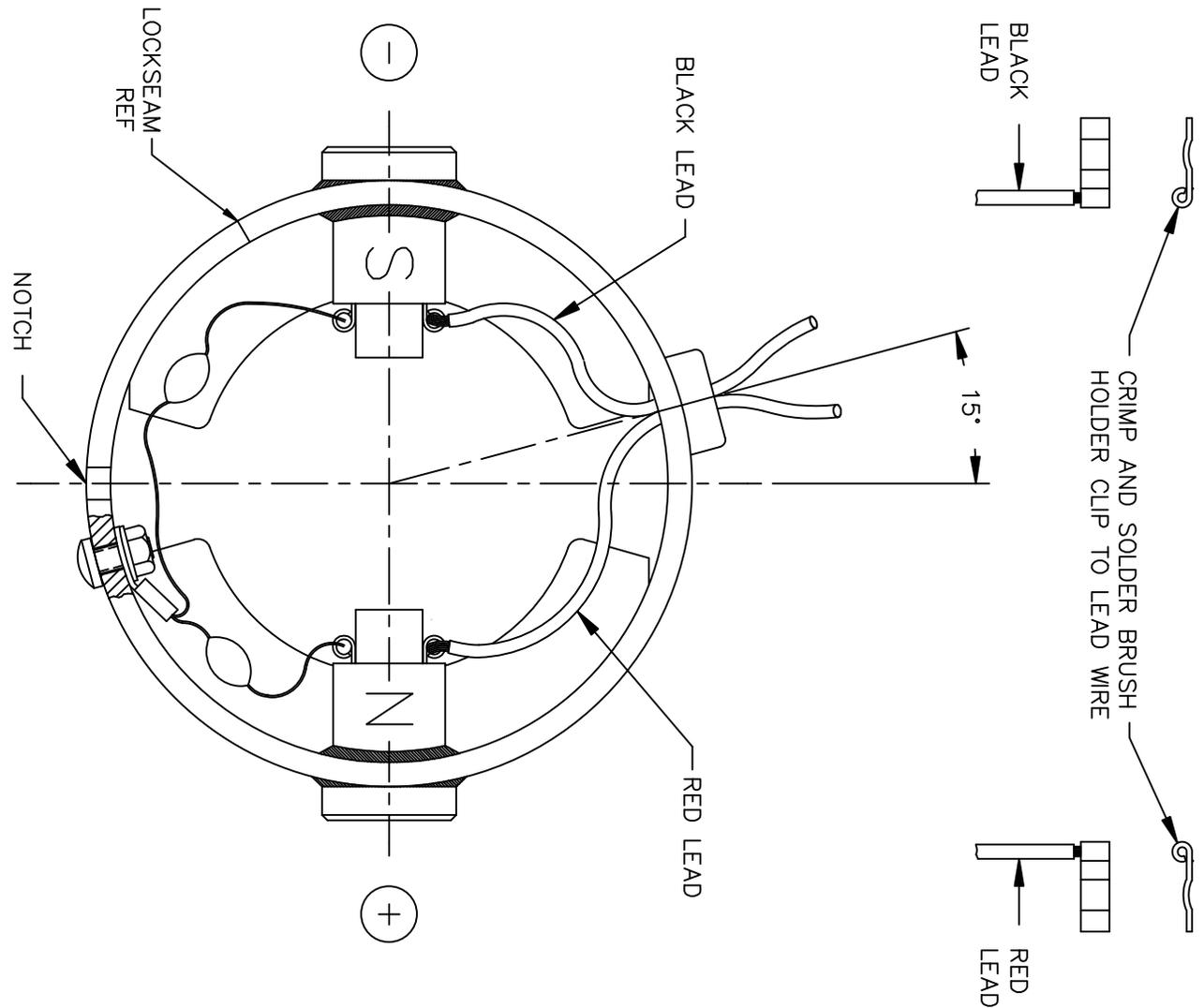
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G63	241.3 [9.50]	138.2 [5.44]	67.3 [2.65]
E63	210.8 [8.30]	107.7 [4.24]	36.8 [1.45]
FRAME	C	L	AD

		TOLERANCES UNLESS SPECIFIED		LEESON		ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN SPV 02/05/92			
		DEC.	INCHES					CHK			
04	ADDED ±.76 TO THE 23.0 [.905] DIM PER ECR 82033	BPW	04/21/03	SAD	.X	±.1	TITLE	OUTLINE	APPD DJW 03/02/92		
03	DIM 9.50 WAS 9.504, 8.30 WAS 8.304, ECR 79823	IPG	08/22/01	SAD	.XX	±.03	TITLE	34 FRAME DC - IEC D63 - B14 FACE	SCALE 3=4		
02	REVISED TO NEW FAN, ADDED METRIC DIM'S	SPV	02/18/97		.XXX	±.005	MAT'L		REF		
01	ADDED NAMEPLATE	DWF	06/24/92		.XXXX	±.0005	FINISH	STOCK	FMF M1130139.00		
NO.	REVISION	BY & DATE		CHK	ANG	±1/2'	FINISH	STOCK	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	M1030282	SIZE B	DRAWING NO. M1030282.00	REV. 04
				DIST							

DC MOTORS



CAUTION! FILTER CIRCUIT LEADS WITH BRUSH CLIPS MUST NOT TOUCH HOUSING WALL (INSIDE)

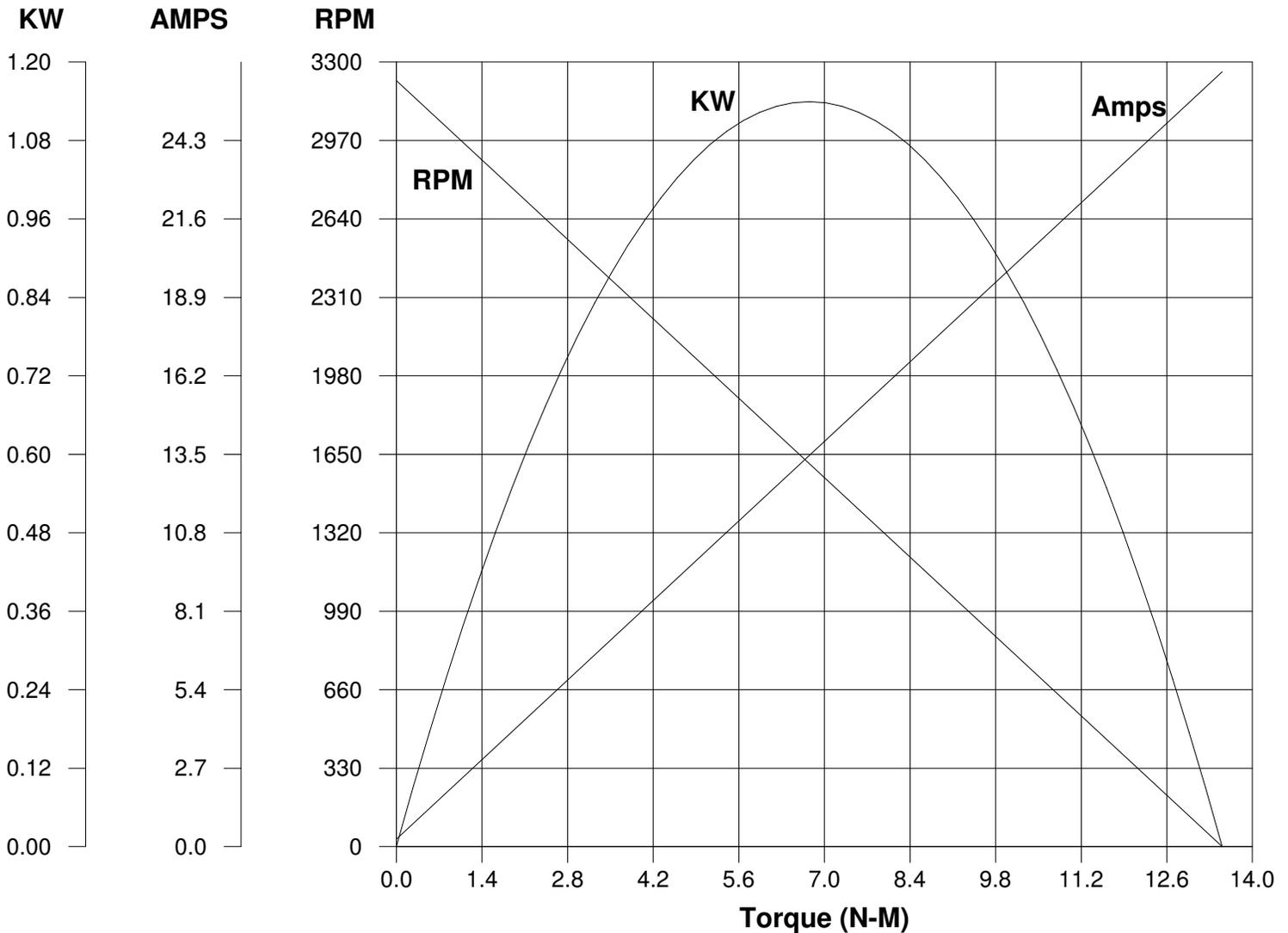
EXTERNAL CONNECTIONS FOR CW ROTATION VIEWING LEAD END OF MOTOR WITH RED LEAD POSITIVE (+) FOR CCW ROTATION REVERSE POLARITY

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN SPV 01/27/92 CHK APPD DWF 01/27/92	
				DEC.	INCHES		SCALE 1=1	
				.X	±.1		REF	
02	REVERSED POLARITY FOR CWLE ROTATION	SMB 11/20/03	IPG	.XX	±.01	TITLE CONNECTION DIAGRAM WITH FILTER CIRCUIT	FMF M1130136.00	
	PER M1130392.00			.XXX	±.005	MAT'L.	PREV	
01	REMOVED PART NUMBERS	DWF 05/07/96		.XXXX	±.0005	FINISH		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'			
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			DIST					

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE FOR DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. <u>CIM34D30FC1</u>	Catalog No. <u>M1130143.00</u>	
KW <u>0.250</u>	RPM <u>3000</u>	DC Volts <u>180.0</u>
F.F. <u>1.40</u>	Encl <u>IP54</u>	Type <u>G63-9</u>
Max. Amb. <u>40.0 Deg C</u>	Insul. <u>F</u>	Frame <u>63D</u>
		N.P. FLA <u>1.70</u>
		S.F. <u>1.00</u>
		Duty <u>S1</u>



Ra 5.2000 Ohms
La 24.20 mHenrys
Ja 1.885 KG-CM²
Ke 56.11 V/KRPM

Kt 0.5359 N-M/AMP
Imax 23.9 AMPS Allowed
FL Torque 0.7909 N-M
FL EFF 75.80 %

Winding W- MD342149-1 **Prepared by** V. Boehlen **Date** 05-12-2005