

PRODUCT INFORMATION PACKET

Model No: 108457.00
Catalog No: 108457.00
Metric Motor, 24 V, 3000 RPM, 80D Frame, IP54



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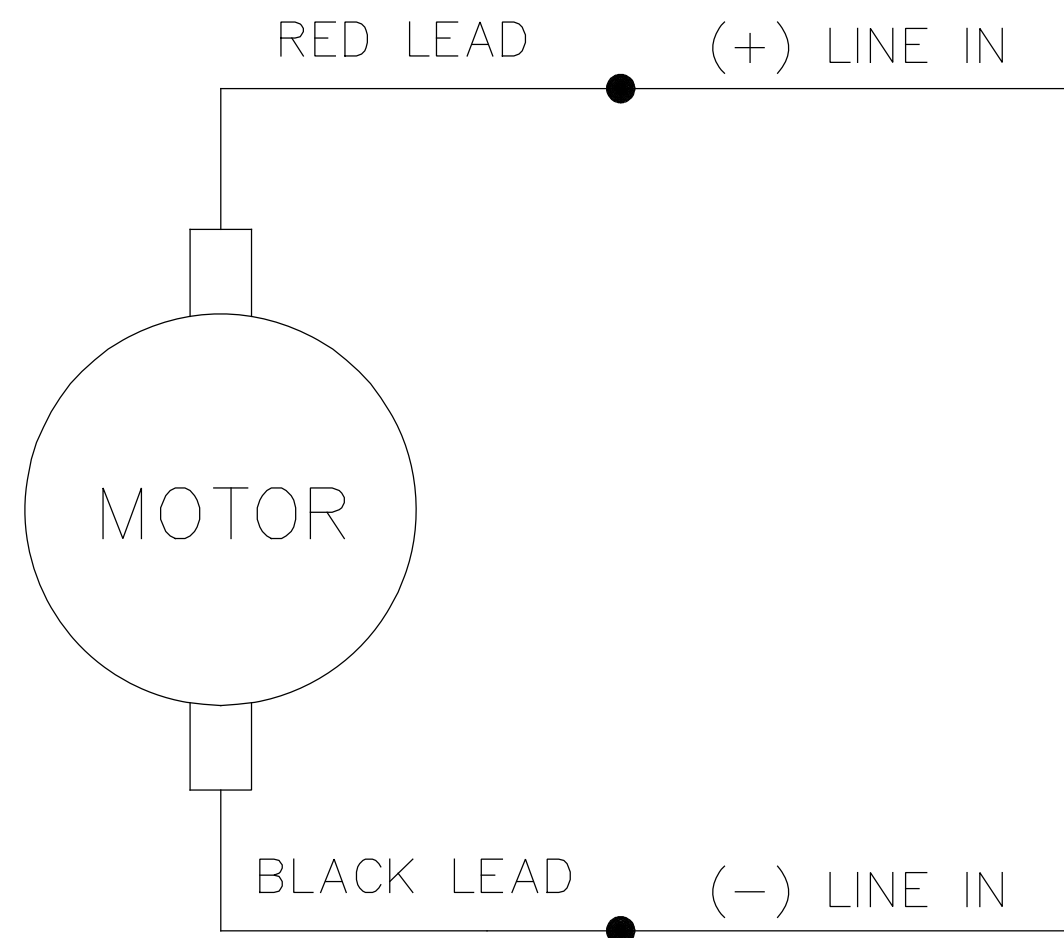
Nameplate Specifications

Output KW	1.1 kW	Voltage	24 V
Current	65.0 A	Speed	3000 rpm
Service Factor	1	Efficiency	74.6 %
Duty	S1	Insulation Class	F
Frame	80D	Enclosure	IP54
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6204	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Rotation	Reversible	Mounting	Special
Overall Length	15.64 in	Frame Length	10.00 in
Shaft Diameter	0.750 in	Shaft Extension	2.05 in
Torque	31.5 LB-IN		
Connection Drawing	00531901	Outline Drawing	031074-WL80

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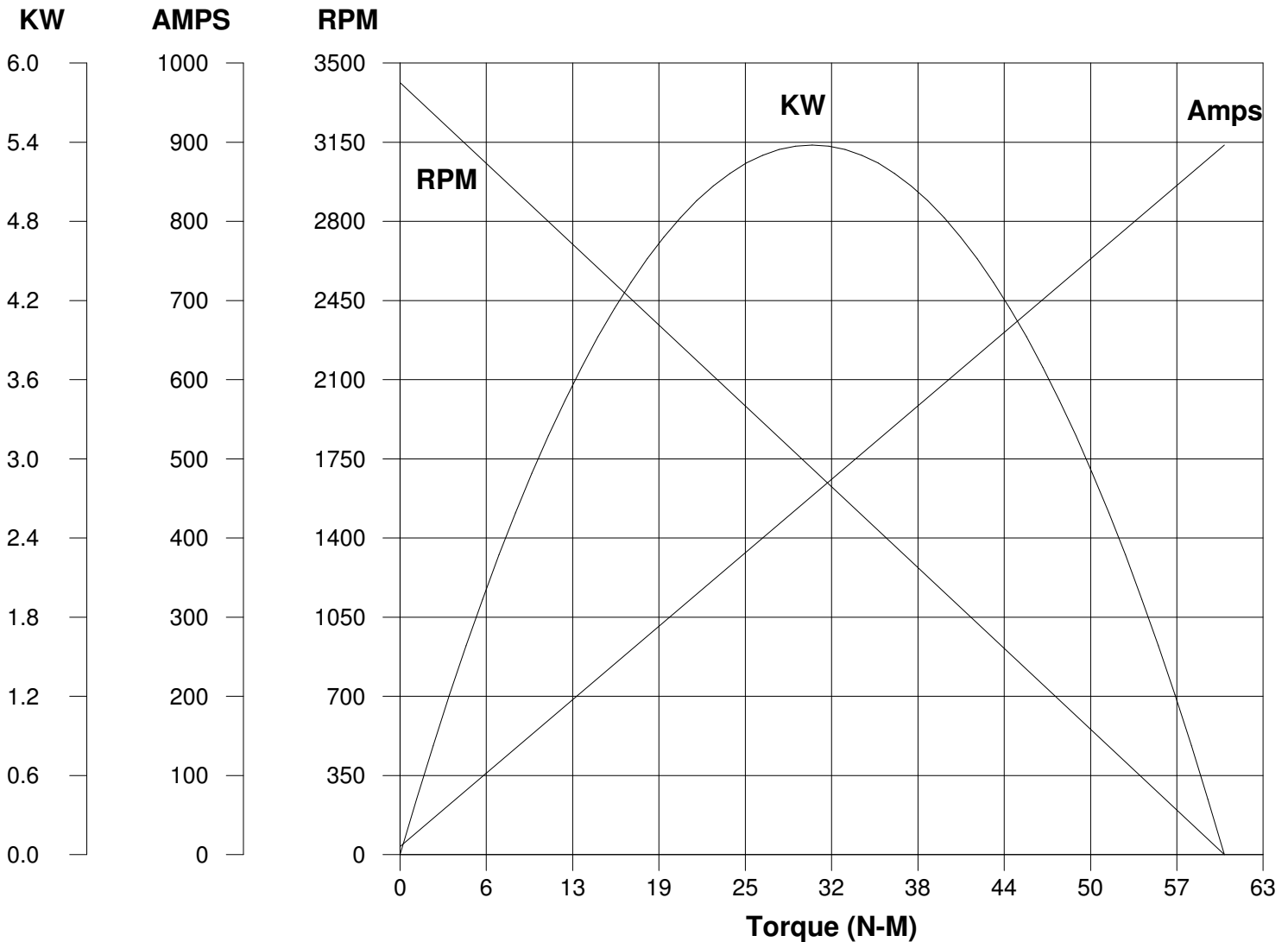
CONNECTIONS SHOWN FOR CCW ROTATION FACING LEAD END OF THE MOTOR
 TO REVERSE ROTATION INTERCHANGE LINE LEADS

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN TJF 11/15/97	
				DEC.	INCHES				CHK
				.X	±.1			APPD POW 11/15/97	
E	"MOTOR" WAS "ARMATURE", ECO-0163602	IPG 3/14/19		.XX	±.01	TITLE	EXTERNAL WIRING DIAGRAM PMDC MOTOR	SCALE 1=2	
D	UPDATED TO MAKE IT GENERIC, ECO-0163547	IPG 3/13/19		.XXX	±.005			REF	
01	REDRAWN ON CAD. REVISED NOTES.	SJB 9/20/2005		.XXXX	±.0005	MAT'L.		FMF	
				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 00531901		SIZE A	DRAWING NO. 005319.01	REV. E
				DIST					

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE FOR DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. <u>CI4D34FT6B</u>	Catalog No. <u>108457.00</u>		
KW <u>1.100</u>	RPM <u>3000</u>	DC Volts <u>24.0</u>	N.P. FLA <u>65.00</u>
F.F. <u>1.00</u>	Encl <u>IP44</u>	Type <u>WL80-14</u>	S.F. <u>1.00</u>
Max. Amb. <u>40.0 Deg C</u>	Insul. <u>F</u>	Frame <u>80D</u>	Duty <u>S1</u>



Ra 0.05827 Ohms
La 0.0600 mHenrys
Ja 38.41 KG-CM²
Ke 7.417 V/KRPM

Kt 0.0708 N-M/AMP
Imax 875.0 AMPS Allowed
FL Torque 3.559 N-M
FL EFF 78.80 %

Winding W- D554116-1 **Prepared by** V. Boehlen **Date** 05-26-2005