

PRODUCT INFORMATION PACKET

Model No: 108369.00
Catalog No: 108369.00
Metric Motor, 180 V, 1800 RPM, 80 Frame, IP54



Regal and are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E

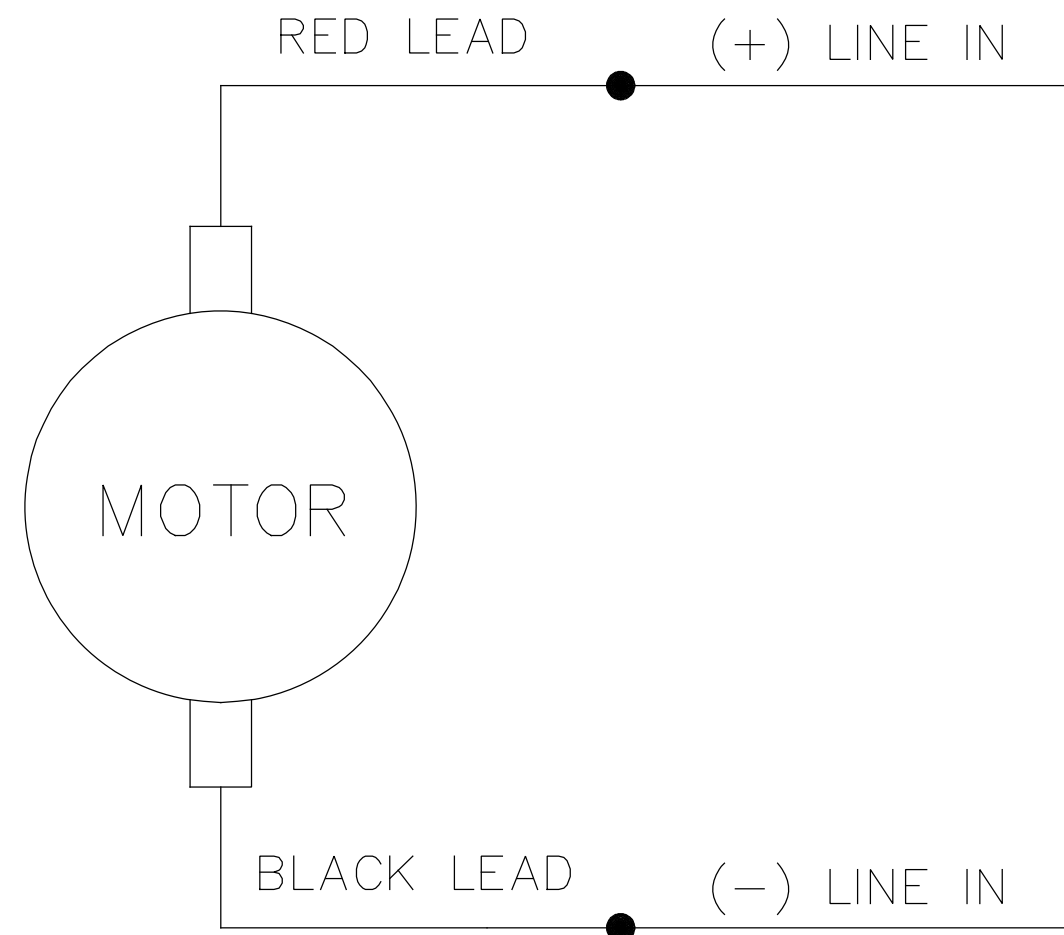
Nameplate Specifications

Output KW	0.75 kW	Voltage	180 V
Current	4.9 A	Speed	1800 rpm
Service Factor	1	Efficiency	82 %
Duty	S1	Insulation Class	F
Frame	80	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	Y		

Technical Specifications

Rotation	Reversible	Mounting	Special
Overall Length	14.15 in	Frame Length	6.47 in
Shaft Diameter	0.750 in	Shaft Extension	2.05 in
Torque	27 LB-IN		
Connection Drawing	00531901	Outline Drawing	031898-108369

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:09/19/2022



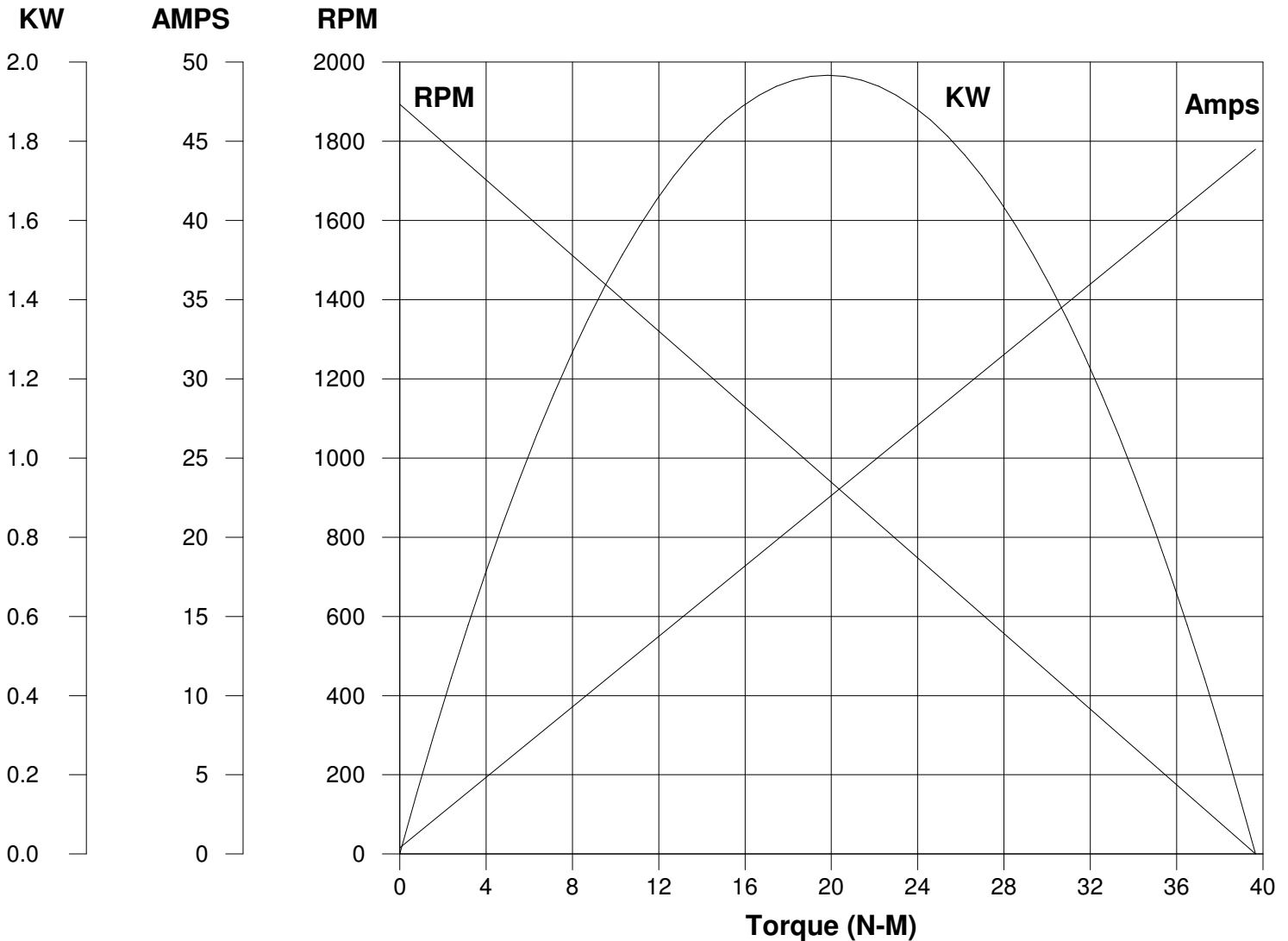
CONNECTIONS SHOWN FOR CCW ROTATION FACING LEAD END OF THE MOTOR
TO REVERSE ROTATION INTERCHANGE LINE LEADS

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>CI4D17FT1</u>	Catalog No. <u>108369.00</u>	
KW <u>0.550</u>	RPM <u>1800</u>	DC Volts <u>180.0</u>
F.F. <u>1.38</u>	Encl <u>IP54</u>	N.P. FLA <u>3.80</u>
Max. Amb. <u>40.0 Deg C</u>	Insul. <u>F</u>	Type <u>80-14</u>
		Frame <u>80D</u>
		S.F. <u>1.00</u>
		Duty <u>S1</u>



Ra <u>2.6500</u> Ohms La <u>27.40</u> mHenrys Ja <u>30.43</u> KG-CM ² Ke <u>94.44</u> V/KRPM	Kt <u>0.9019</u> N-M/AMP Imax <u>39.3</u> AMPS Allowed FL Torque <u>2.972</u> N-M FL EFF <u>82.00</u> %
--	--

Winding W- D56224-1 Prepared by S. Bernhardt Date 05-06-2009