

# PRODUCT INFORMATION PACKET



Model No: M1135042.00  
Catalog No: M1135042.00  
Right Angle Gearmotor, 0.25 HP, 90 V, 62 RPM, 34 Frame, TENV



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





### Nameplate Specifications

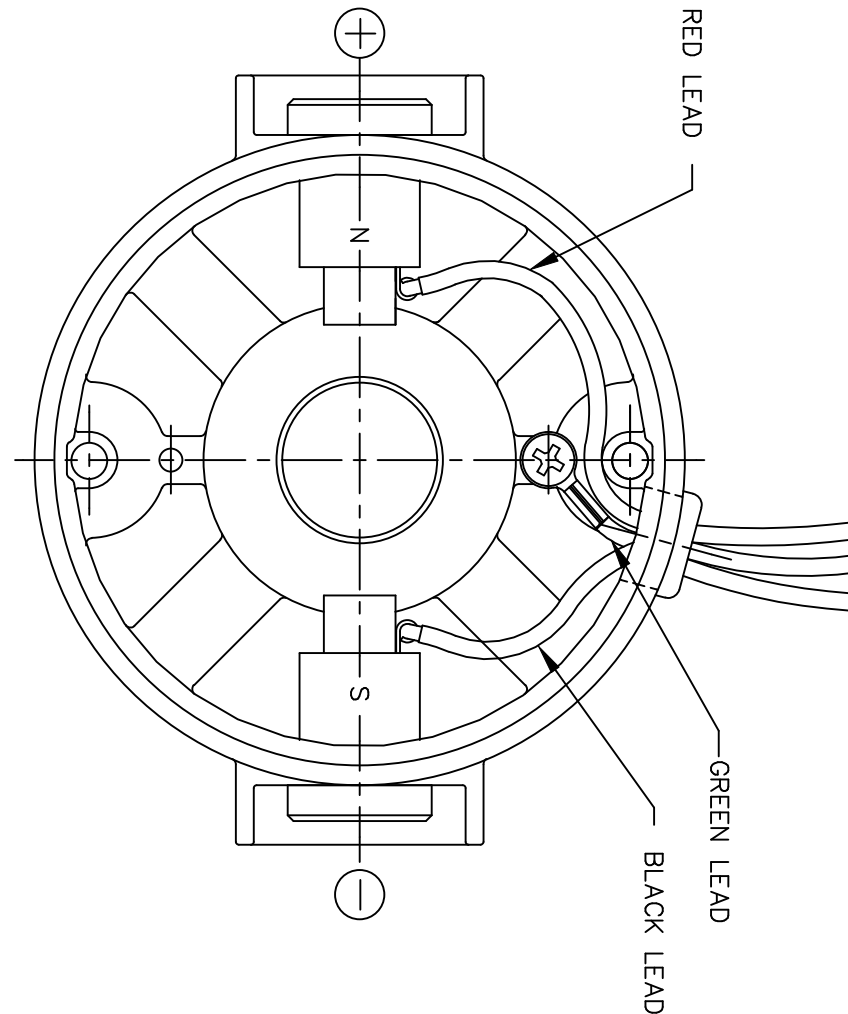
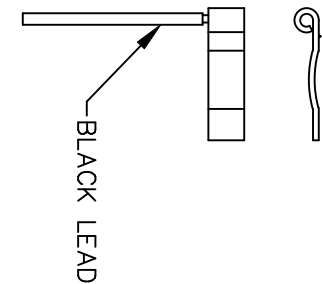
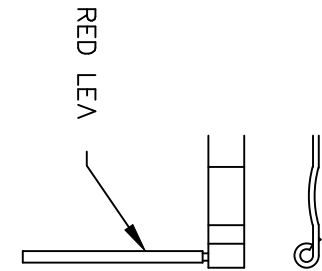
Output HP	0.25 Hp	Output KW	0.19 kW
Voltage	90 V	Current	2.3 A
Speed	62 rpm	Service Factor	1
Efficiency	30.2 %	Duty	Continuous
Insulation Class	H	Frame	34
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	No Protection
Ambient Temperature	40 °C	Drive End Bearing Size	6201
Opp Drive End Bearing Size	6201	UL	Recognized
CSA	Y	CE	Y

### Technical Specifications


Rotation	Reversible	Mounting	Special
Shaft Type	Right Angle	Overall Length	12.64 in
Frame Length	5.81 in	Shaft Diameter	0.625 in
Shaft Extension	1.8 in	Torque	135 LB-IN
Outline Drawing	M1030350-M1135042	Connection Drawing	M100512401

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:12/20/2022

## 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

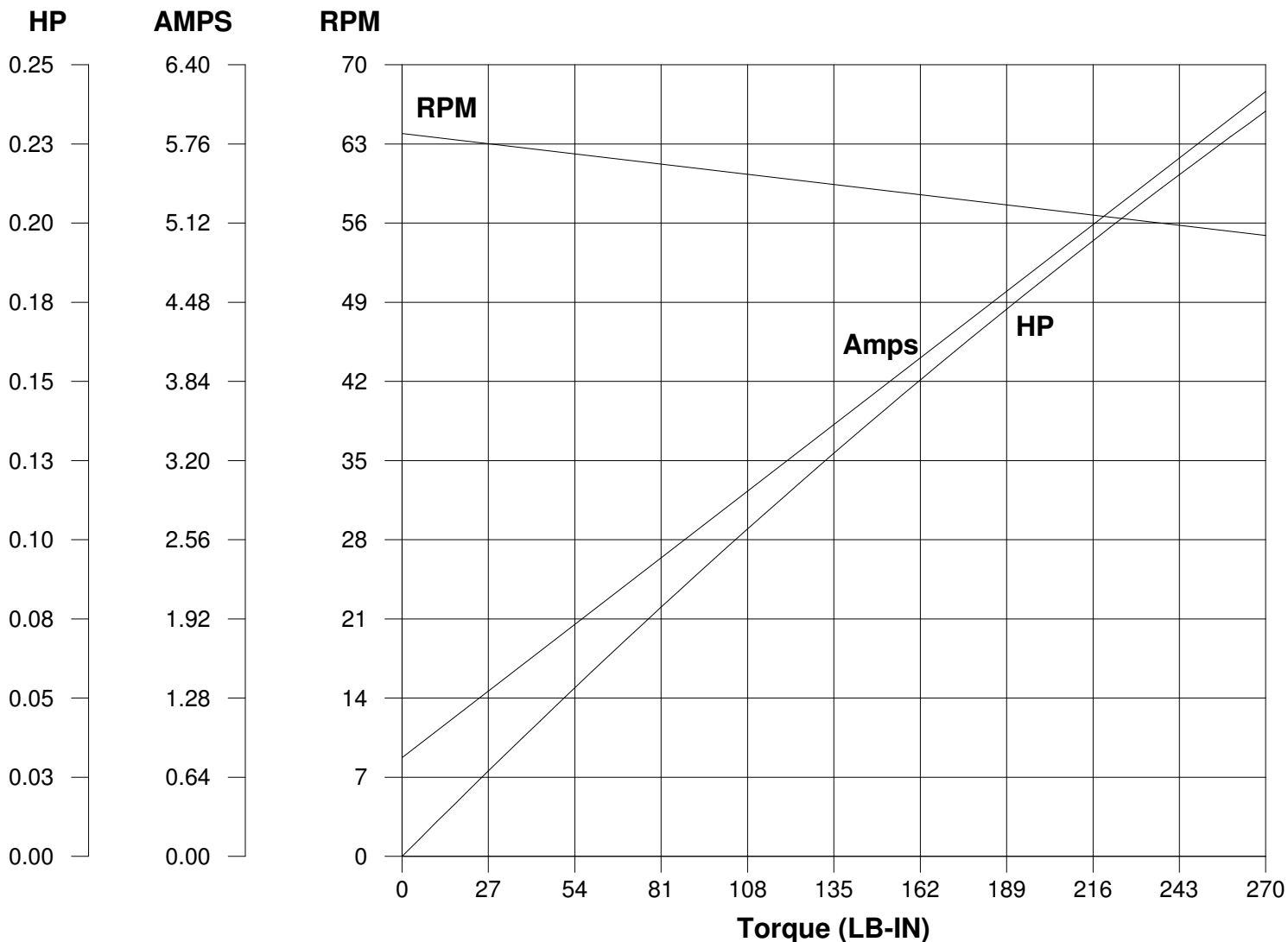
07	CORRECTED "N" & "S", ECR 80000 (PER BC)	VS	8/14/02	BC	TOLERANCES UNLESS SPECIFIED	 <b>ELECTRIC MOTORS GEARMOTORS AND DRIVES</b>	DRAWN	SPV	12/10/91
06	REMOVED GROUND HOLE	TMZ	3/16/95	DEC.	INCHES		CHK	DWF	5/20/92
05	REVERSE ROTATION WAS CW	SPV	6/3/94	.X	±.1		APPD		
04	CHANGED ROTATION FROM CCW TO CW	MJS	3/9/93	.XX	±.01		SCALE	1=1	
03	REVISED ROTATION NOTE	DWF	1/6/93	.XXX	±.005		REF		
02	ADDED GREEN LEAD	DWF	8/1/92	.XXXX	±.0005	MAT'L.	FMF	M9131D2N22	
NO.	REVISION	BY & DATE	CHK	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	M100512401	SIZE	DRAWING NO.	REV.
				DIST			A	M1005124.01	07

# LEESON ELECTRIC CORPORATION

## TYPICAL PERFORMANCE CURVE

### FOR

### DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. C34D25NZ10Catalog No. M1135042.00HP 0.250RPM 62DC Volts 90.0N.P. FLA 2.30F.F. 1.38Encl TENVType DNS.F. 1.00Max. Amb. 40.0 Deg CInsul. HFrame 34Duty Cont

Ra 2.0100 Ohms  
 La 9.984 mHenrys  
 Ja 0.6440 LB-IN<sup>2</sup>  
 Ke 34.50 V/KRPM

Kt 2.916 LB-IN/AMP  
 Imax 38.4 AMPS Allowed  
 FL Torque 135.0 LB-IN  
 FL EFF 30.20 %

Winding W- MD342145-1Prepared by V. BoehlenDate 11-30-2005