

PRODUCT INFORMATION PACKET



Model No: M1135041.00
Catalog No: M1135041.00
Right Angle Gearmotor, 0.13 HP, 90 V, 500 RPM, 34 Frame, TENV



Regal and LEESON are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2025 Regal Rexnord Corporation, All Rights Reserved. MC017097E





Nameplate Specifications

Output HP	0.13 Hp	Output KW	0.10 kW
Voltage	90 V	Speed	500 rpm
Service Factor	1.0	Frame	34
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	No Protection
Efficiency	35.7 %	Ambient Temperature	40 °C
Current	1.4 A	Duty	Continuous
Insulation Class	H	Drive End Bearing Size	6201
Opp Drive End Bearing Size	608	UL	Recognized
CSA	Y	CE	Y

Technical Specifications

Rotation	Reversible	Mounting	Special
Shaft Type	Right Angle	Overall Length	10.64 in
Frame Length	3.81 in	Shaft Diameter	0.625 in
Shaft Extension	1.8 in	Torque	13 LB-IN
Outline Drawing	611-0128-M1135041	Connection Drawing	M100512401

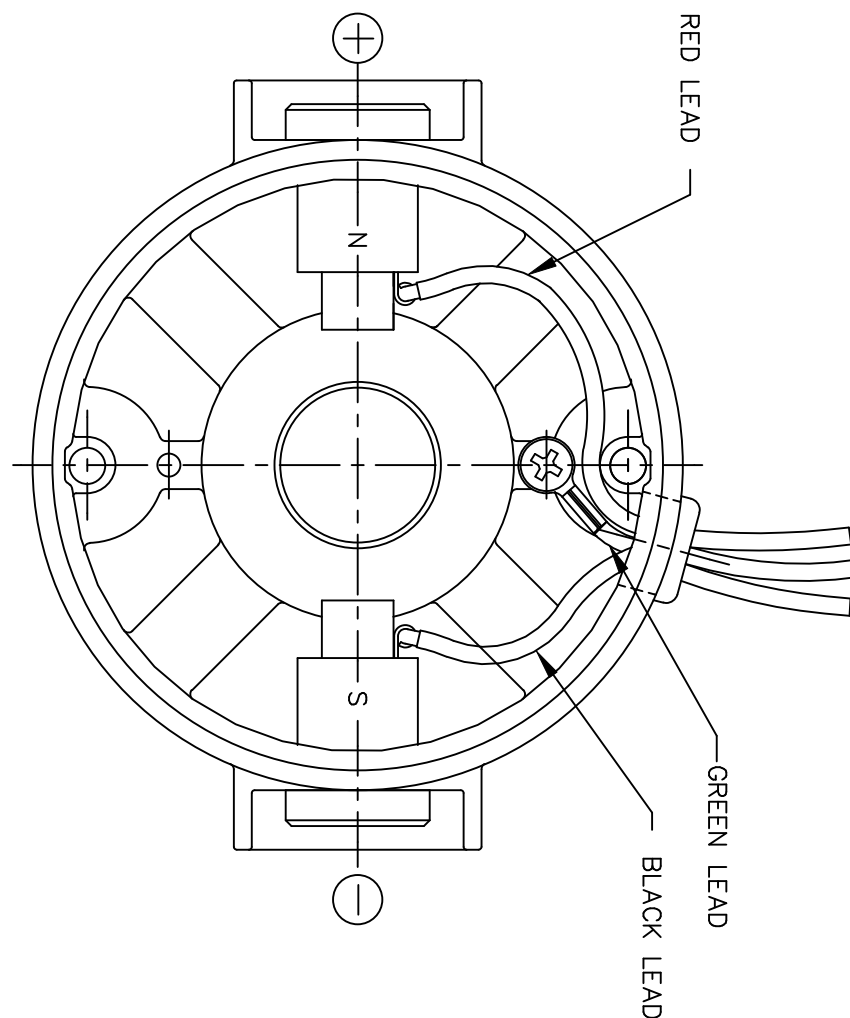
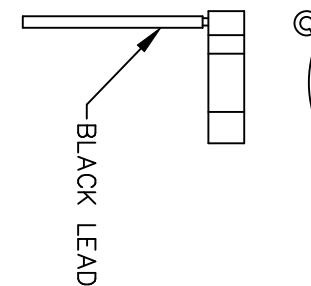
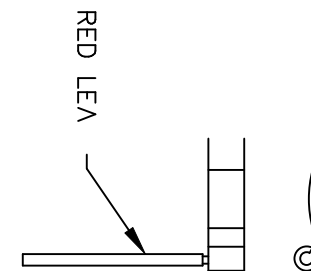
This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:04/08/2025



CATALOG NUMBER	SPEED RANGE RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	GEARMOTOR TYPE & FRAME	RATIO TO 1	"XH"	"XL"
M1135069	42-7	80	1/8	235	13F60-34C	60	6.14 [155.95]	10.64 [270.25]
M1135038	62-1	70	1/8	235	13F40-34C	40	6.14 [155.95]	10.64 [270.25]
M1135039	125-2.1	45	1/8	235	13F20-34C	20	6.14 [155.95]	10.64 [270.25]
M1135040	250-4	25	1/8	235	13F10-34C	10	6.14 [155.95]	10.64 [270.25]
M1135041	500-8	13	1/8	235	13F05-34C	5	6.14 [155.95]	10.64 [270.25]

DRAWING REVISION ECO ECO-0166485		REVISION BY A S SAHOO APPROVED BY		DATE 1/31/2019		TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE X ±0.1 (±0.5) X ±0.03 (±0.76) XXX ±0.005 (±0.127) XXXX ±0.0005 (±0.0127) XXXXX ±0.0005 (±0.0127) REMOVE BURRS & BORES SHARP EDGES: .003(.01) / 076(.38) X 45° CORNER FILLETS: R.02(.51) MACHINED SURFACES: 125/ mm SHOW IN [BRACKETS]				DRAWN BY S SAHOO DATE 1/31/2019 APPROVED BY		Regal Beloit America, Inc.	
ECO DESCRIPTION OUTLINE CONVERSION PROJECT COPYRIGHT REGAL BELLOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPERTY AND CONFIDENTIAL INFORMATION. THIS DOCUMENT IS THE PROPERTY OF REGAL BELLOIT AMERICA, INC. COMPANY AND CONTAINS OTHERS PROPRIETARY INFORMATION AND PERSONAL CONSIDERATIONS ON OTHER FIRM RECEIVING OR DEMAND, BY RECEIVING IT, TO AGREE THAT IT, AND ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, EXCEPTED AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY COMPANY. THIS DOCUMENT SHALL BE USED TO OBTAIN PARTS AND/OR SERVICES. IT MAY BE SUBJECT TO OTHER RESTRICTIONS UNLESS APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.						OUTLINE 34 FRAME DC 13 SERIES 90V GEARMOTOR REFERENCE M1030350 THIRD ANGLE PROJECTION SIZE C DRAWING NUMBER 611-0128						PROCESS/FINISH SHEET 1 OF 1	

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

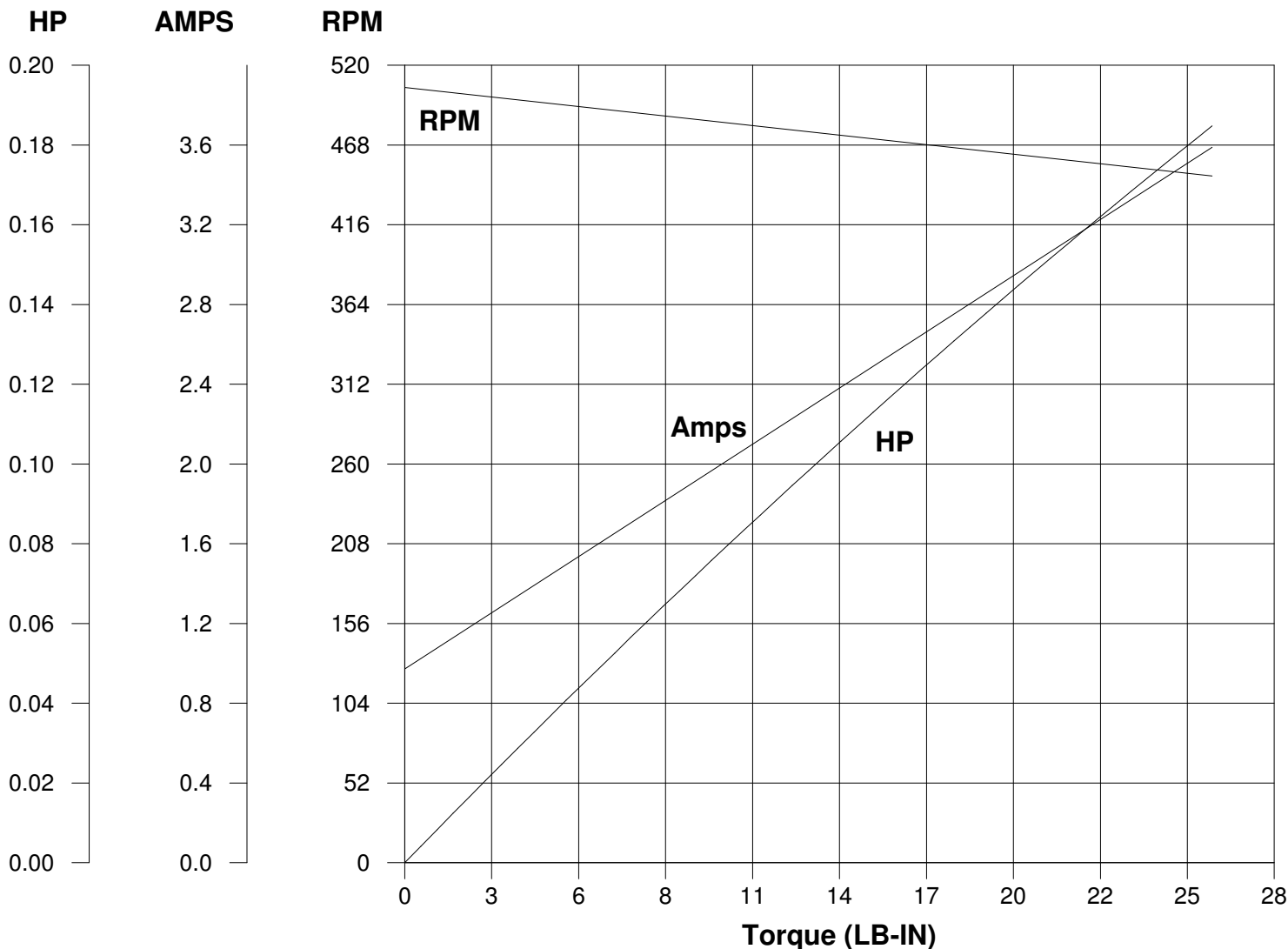
07	CORRECTED "N" & "S", ECR 80000 (PER BC)	VS	8/14/02	BC	TOLERANCES UNLESS SPECIFIED	 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	SPV	12/10/91
06	REMOVED GROUND HOLE	TMZ	3/16/95	DEC.	INCHES		CHK	DWF	5/20/92
05	REVERSE ROTATION WAS CW	SPV	6/3/94	.X	±.1		APPD		
04	CHANGED ROTATION FROM CCW TO CW	MJS	3/9/93	.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. CM34D25NZ9Catalog No. M1135041.00HP 0.125RPM 500DC Volts 90.0N.P. FLA 1.40F.F. 1.38Encl TENVType DNS.F. 1.00Max. Amb. 40.0 Deg CInsul. HFrame 34Duty Cont

Ra 4.6000 Ohms
 La 15.80 mHenrys
 Ja 0.3220 LB-IN²
 Ke 33.58 V/KRPM

Kt 2.839 LB-IN/AMP
 Imax 21.5 AMPS Allowed
 FL Torque 13.00 LB-IN
 FL EFF 35.70 %

Winding W- MD342195-1Prepared by V. BoehlenDate 11-22-2005