

PRODUCT INFORMATION PACKET



Model No: M1135069.00
Catalog No: M1135069.00
Right Angle Gearmotor, 0.13 HP, 90 V, 42 RPM, 34 Frame, TENV



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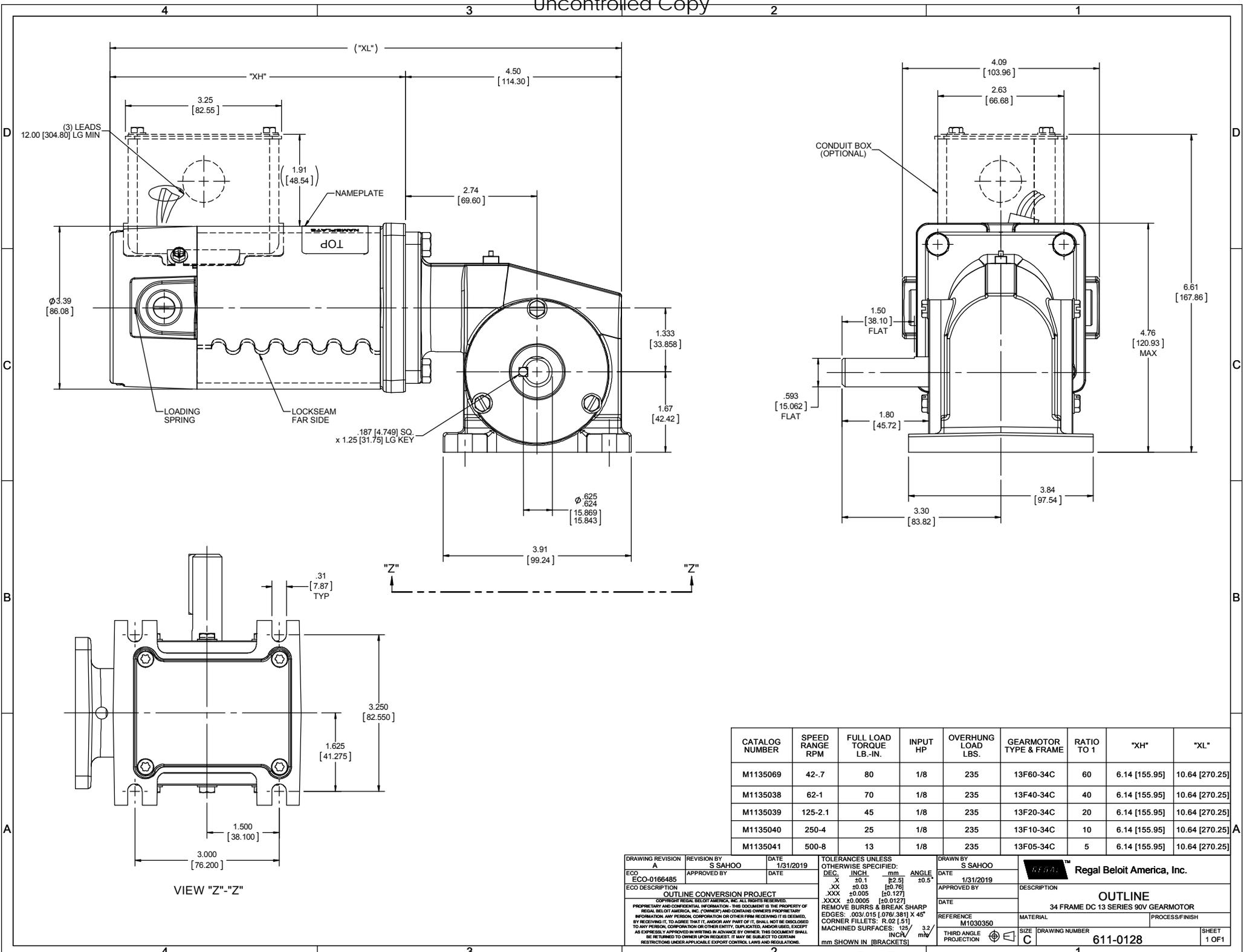
Nameplate Specifications

Output HP	0.13 Hp	Output KW	0.10 kW
Voltage	90 V	Speed	42 rpm
Service Factor	1.0	Frame	34
Enclosure	Totally Enclosed Non Ventiladed	Thermal Protection	No Protection
Efficiency	20.9 %	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	80 LB-IN
Outline Drawing	611-0128-M1135069	Connection Drawing	M100512401

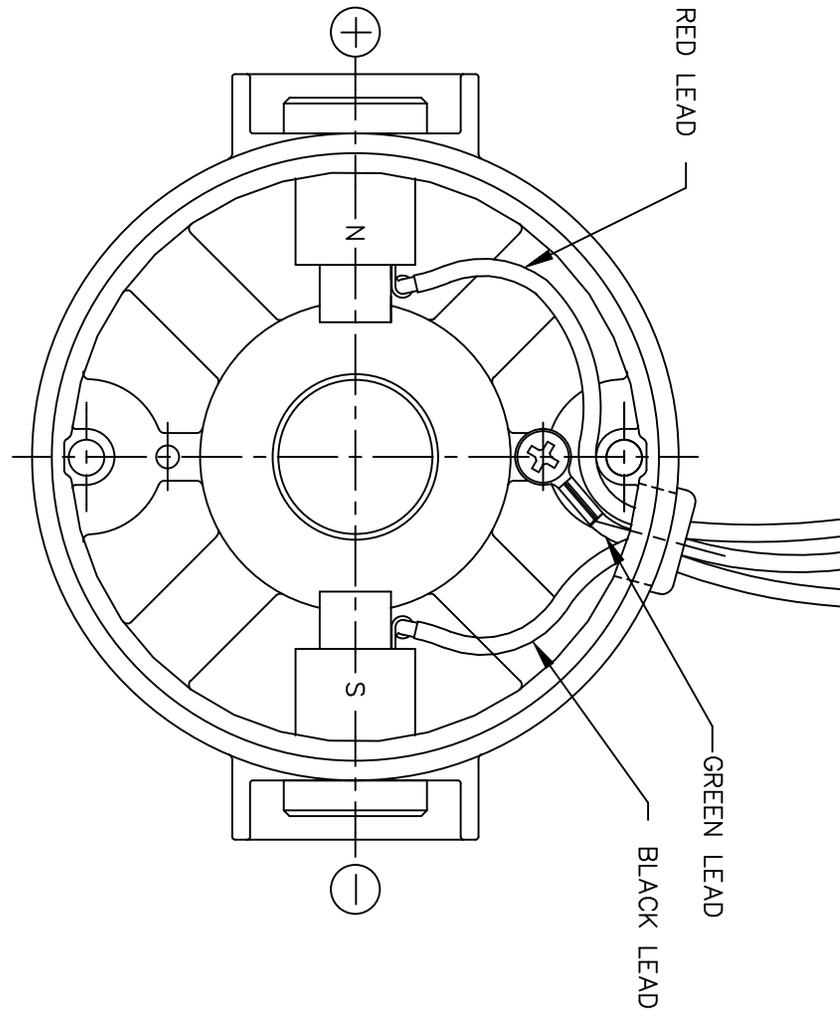
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CATALOG NUMBER	SPEED RANGE RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	GEARMOTOR TYPE & FRAME	RATIO TO 1	"XH"	"XL"
M1135069	42-7	80	1/8	235	13F60-34C	60	6.14 [155.95]	10.64 [270.25]
M1135038	62-1	70	1/8	235	13F40-34C	40	6.14 [155.95]	10.64 [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 A	REVISION BY S SAHOO	DATE 1/31/2019	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE .X ±0.1 [2.5] ±0.5° .XX ±0.03 [0.76] .XXX ±0.005 [0.127] .XXXX ±0.0005 [±0.0127] REMOVE BURRS & BREAK SHARP EDGES: .0031 [0.078] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: .125 / 3.2 INCH/ mm SHOWN IN [BRACKETS]	DRAWN BY S SAHOO	Regal Beloit America, Inc. OUTLINE 34 FRAME DC 13 SERIES 90V GEARMOTOR
ECO-0166485	APPROVED BY	DATE	DATE 1/31/2019	APPROVED BY	
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			THIRD ANGLE PROJECTION	MATERIAL M1030350	
			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

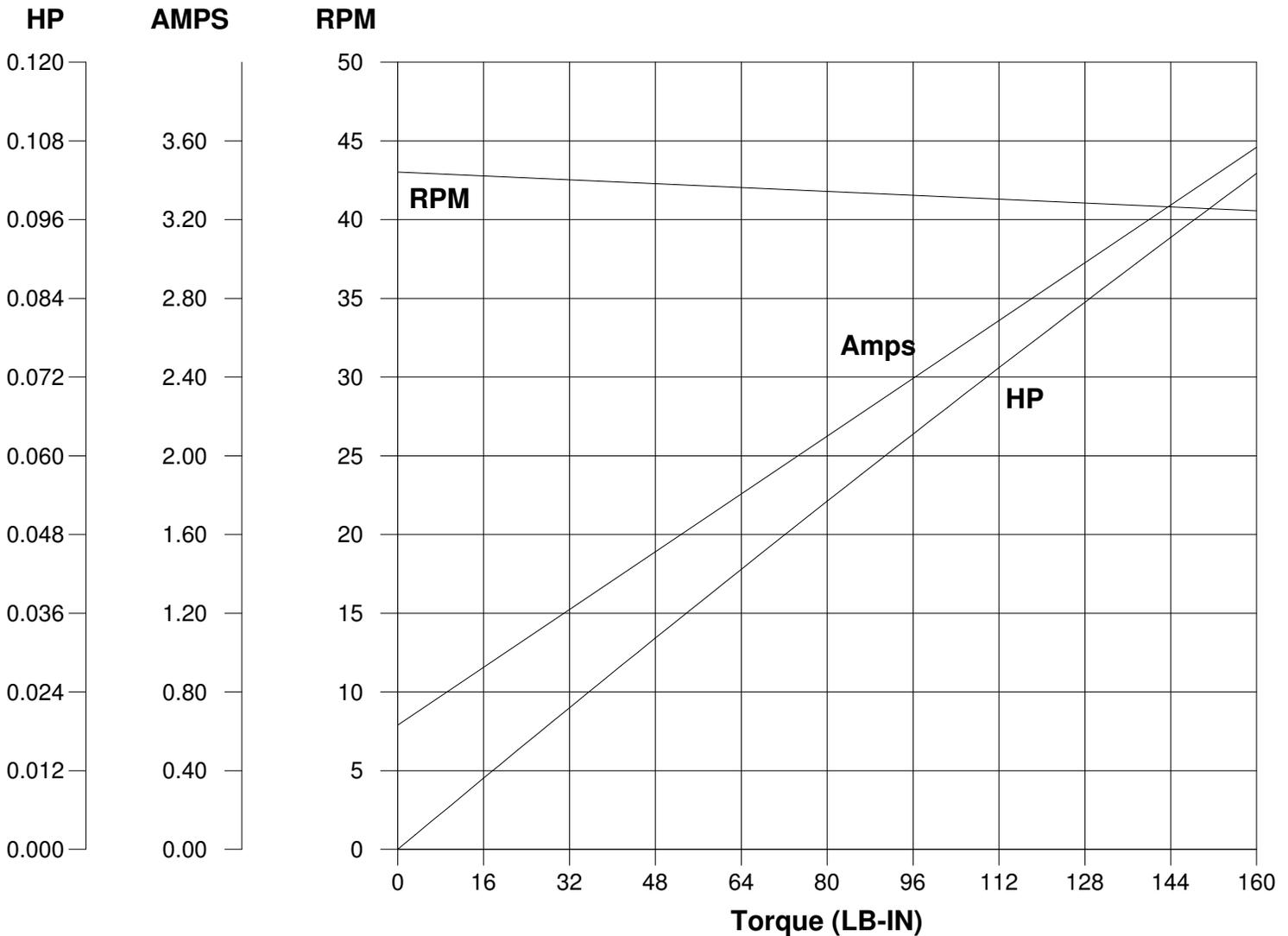


07	CORRECTED "N" & "S", ECR 80000 (PER BC)	VS	8/14/02	BC	TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	SPV 12/10/91
06	REMOVED GROUND HOLE	TMZ	3/16/95	DEC.	INCHES			CHK	DWF 5/20/92
05	REVERSE ROTATION WAS CW	SPV	6/3/94	.X	±.1		TITLE	APPD	
04	CHANGED ROTATION FROM CCW TO CW	MJS	3/9/93	.XX	±.01			SCALE	1=1
03	REVISED ROTATION NOTE	DWF	1/6/93	.XXX	±.005		MAT'L.	REF	
02	ADDED GREEN LEAD	DWF	8/1/92	.XXXX	±.0005			FINISH	FMF M9131D2N22
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"			PREV	
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				DIST			A	M1005124.01	07

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE FOR DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. <u>CM34D25NZ18</u>	Catalog No. <u>M1135069.00</u>	
HP <u>0.125</u>	RPM <u>42</u>	DC Volts <u>90.0</u>
F.F. <u>1.38</u>	Encl <u>TENV</u>	Type <u>DN</u>
Max. Amb. <u>40.0 Deg C</u>	Insul. <u>H</u>	Frame <u>34</u>
		N.P. FLA <u>1.40</u>
		S.F. <u>1.00</u>
		Duty <u>Cont</u>



Ra 4.6000 Ohms
La 15.78 mHenrys
Ja 0.3220 LB-IN²
Ke 33.58 V/KRPM

Kt 2.839 LB-IN/AMP
Imax 21.5 AMPS Allowed
FL Torque 80.00 LB-IN
FL EFF 20.90 %

Winding W- MD342195-1 **Prepared by** V. Boehlen **Date** 11-10-2005