

PRODUCT INFORMATION PACKET



Model No: M1135107.00
Catalog No: M1135107.00
Parallel Shaft Gearmotor, 0.13 HP, 90 V, 14 RPM, 34 Frame, TENV



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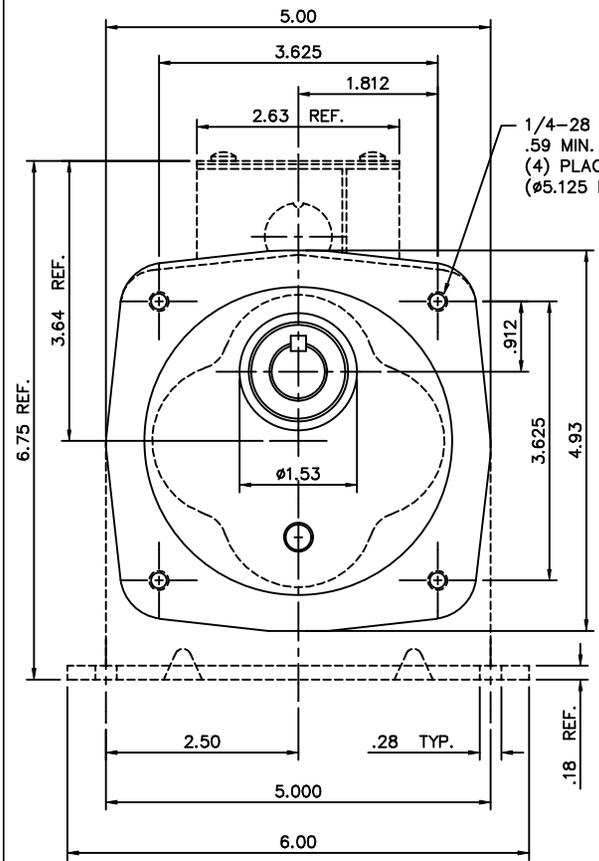
Nameplate Specifications

Output HP	0.13 Hp	Output KW	0.10 kW
Voltage	90 V	Speed	14 rpm
Service Factor	1.0	Frame	34
Enclosure	Totally Enclosed Non Ventiladed	Thermal Protection	No Protection
Efficiency	47.2 %	Ambient Temperature	40 °C
Current	1.0 A	Duty	Continuous
Insulation Class	F	Drive End Bearing Size	6201
Opp Drive End Bearing Size	608	UL	Recognized
CSA	Y	CE	Y

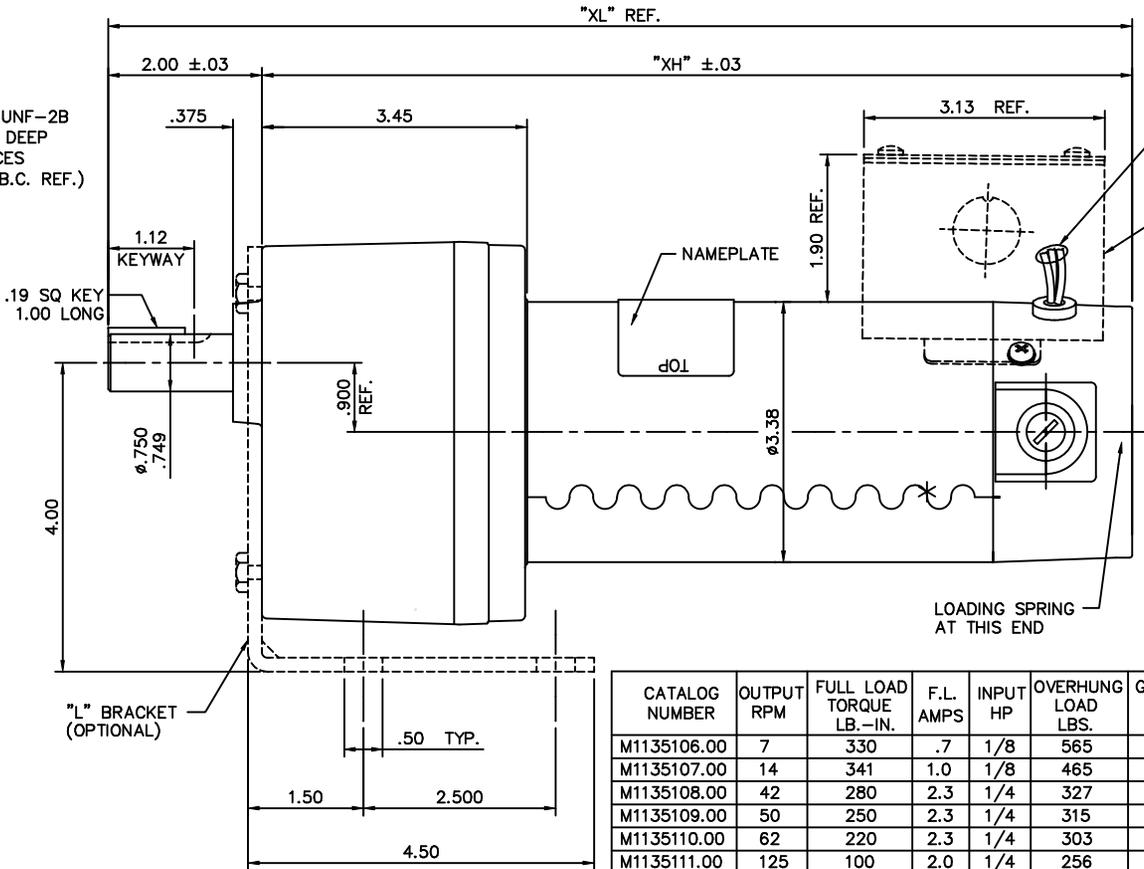
Technical Specifications

Rotation	Reversible	Mounting	Special
Shaft Type	Parallel	Overall Length	11.31 in
Frame Length	4.06 in	Shaft Diameter	0.750 in
Shaft Extension	1.625 in	Torque	341 LB-IN
Outline Drawing	M1030589-M1135107	Connection Drawing	M100512401

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1/4-28 UNF-2B
.59 MIN. DEEP
(4) PLACES
(Ø5.125 B.C. REF.)



(3) LEADS
12.00 LONG MIN.
CONDUIT BOX
(OPTIONAL)

LOADING SPRING
AT THIS END

CATALOG NUMBER	OUTPUT RPM	FULL LOAD TORQUE LB.-IN.	F.L. AMPS	INPUT HP	OVERHUNG LOAD LBS.	GEARMOTOR TYPE & FRAME	RATIO TO 1	"XL"	"XH"
M1135106.00	7	330	.7	1/8	565	P353-34	336	11.31	9.31
M1135107.00	14	341	1.0	1/8	465	P353-34	180	11.31	9.31
M1135108.00	42	280	2.3	1/4	327	P353-34	58	13.31	11.31
M1135109.00	50	250	2.3	1/4	315	P353-34	50	13.31	11.31
M1135110.00	62	220	2.3	1/4	303	P353-34	43	13.31	11.31
M1135111.00	125	100	2.0	1/4	256	P352-34	22.67	13.31	11.31
M1135112.00	165	70	2.0	1/4	232	P352-34	15	13.31	11.31
M1135113.00	500	25	2.0	1/4	194	P352-34	5.44	13.31	11.31
M1135114.00	83	155	2.3	1/4	267	P352-34	29	13.31	11.31
M1135115.00	27	305	1.5	1/4	374	P353-34	91	13.31	11.31
M1135116.00	250	45	2.0	1/4	201	P352-34	10.6	13.31	11.31
M1135117.00	21	371	1.1	1/4	413	P353-34	124	13.31	11.31

"L" BRACKET
(OPTIONAL)

		TOLERANCES UNLESS SPECIFIED			
		DEC.	INCHES		
		.X	±.1		
03	1/4-28 UNF-2B TAPS WERE .63 DEEP PER ECR81849.	RPB	11/24/03	BC	.XX ±.03
02	1.12 KEYWAY WAS 1.03	IPG	11/30/00	SAD	.XXX ±.005
01	UPDATED TO CATALOG INFORMATION PER KK	CAS	10/31/00	SAD	.XXXX ±.0005
NO.	REVISION	BY & DATE	CHK	ANG	FINISH



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

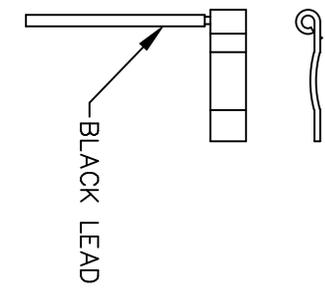
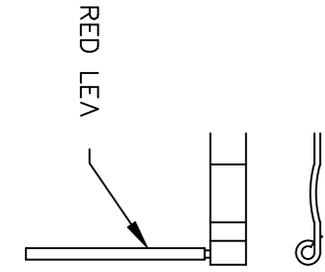
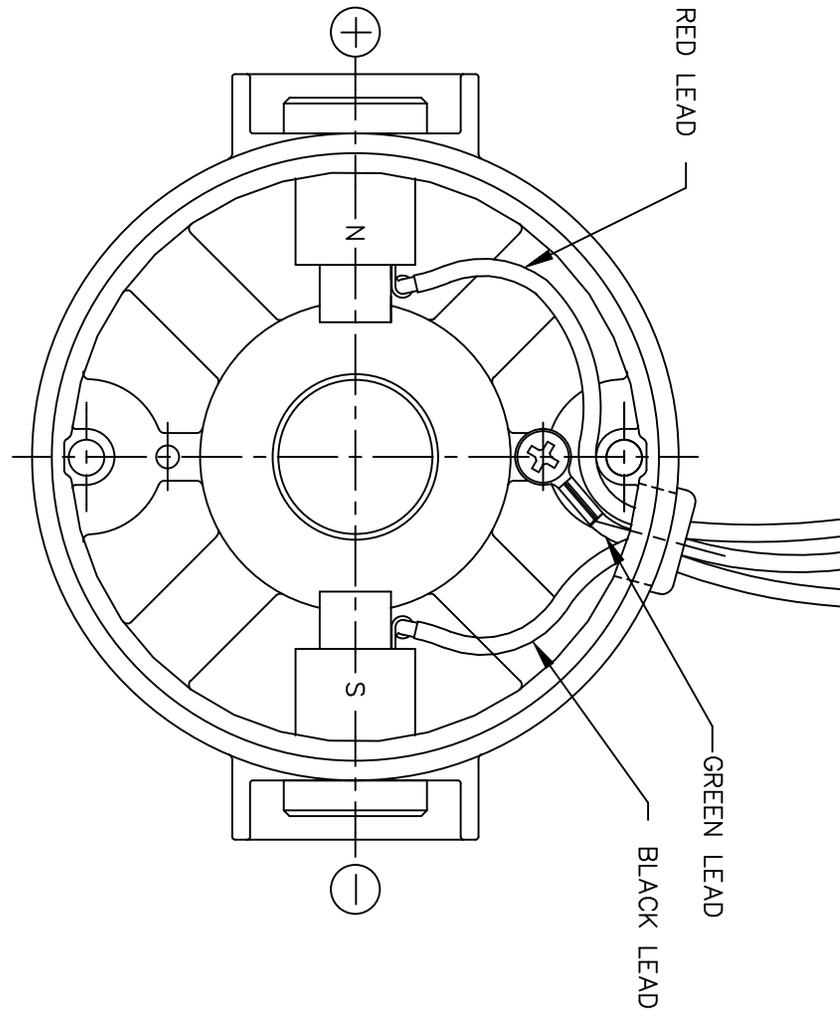
DRAWN	DWF	6/26/97
CHK		
APPD		
SCALE	5=8	
REF	PR970354	
FMF	M1135115.00	
PREV		

TITLE
34 FRAME PE350 STOCK - 90 V

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RFP	CAD FILE	M1030589	SIZE	DRAWING NO.	REV.
DIST			B	M1030589.00	03

D.C. MOTORS



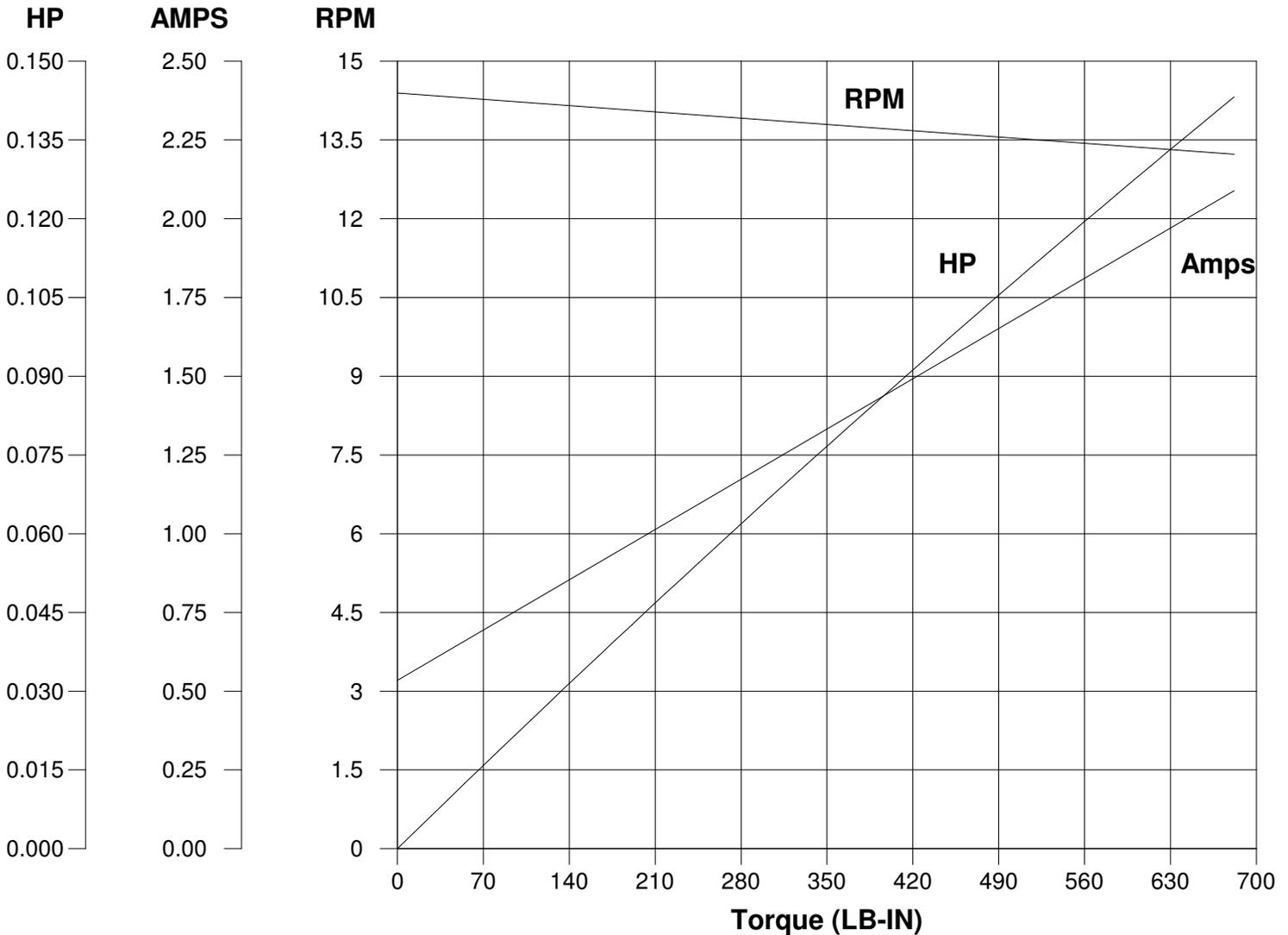
EXTERNAL CONNECTIONS FOR CW ROTATION
 VIEWING LEAD END OF MOTOR WITH RED LEAD
 POSITIVE AND BLACK LEAD NEGATIVE (-)
 FOR CCW ROTATION REVERSE POLARITY

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		TITLE	CONNECTION DIAGRAM	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"		FINISH	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>CM34D25NZ61</u>	Catalog No. <u>M1135107.00</u>	
HP <u>0.125</u>	RPM <u>14</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>F</u>	Frame <u>34</u>
		N.P. FLA <u>1.00</u>
		S.F. <u>1.00</u>
		Duty <u>Cont</u>



Ra <u>4.6300</u> Ohms
La <u>15.80</u> mHenrys
Ja <u>0.3220</u> LB-IN ²
Ke <u>33.58</u> V/KRPM

Kt <u>2.839</u> LB-IN/AMP
Imax <u>21.5</u> AMPS Allowed
FL Torque <u>341.0</u> LB-IN
FL EFF <u>47.20</u> %

Winding W- MD342195-1 **Prepared by** S. Bernhardt **Date** 02-05-2007