

PRODUCT INFORMATION PACKET



Model No: M1135106.00
Catalog No: M1135106.00
Parallel Shaft Gearmotor, 0.13 HP, 90 V, 7 RPM, 34 Frame, TENV



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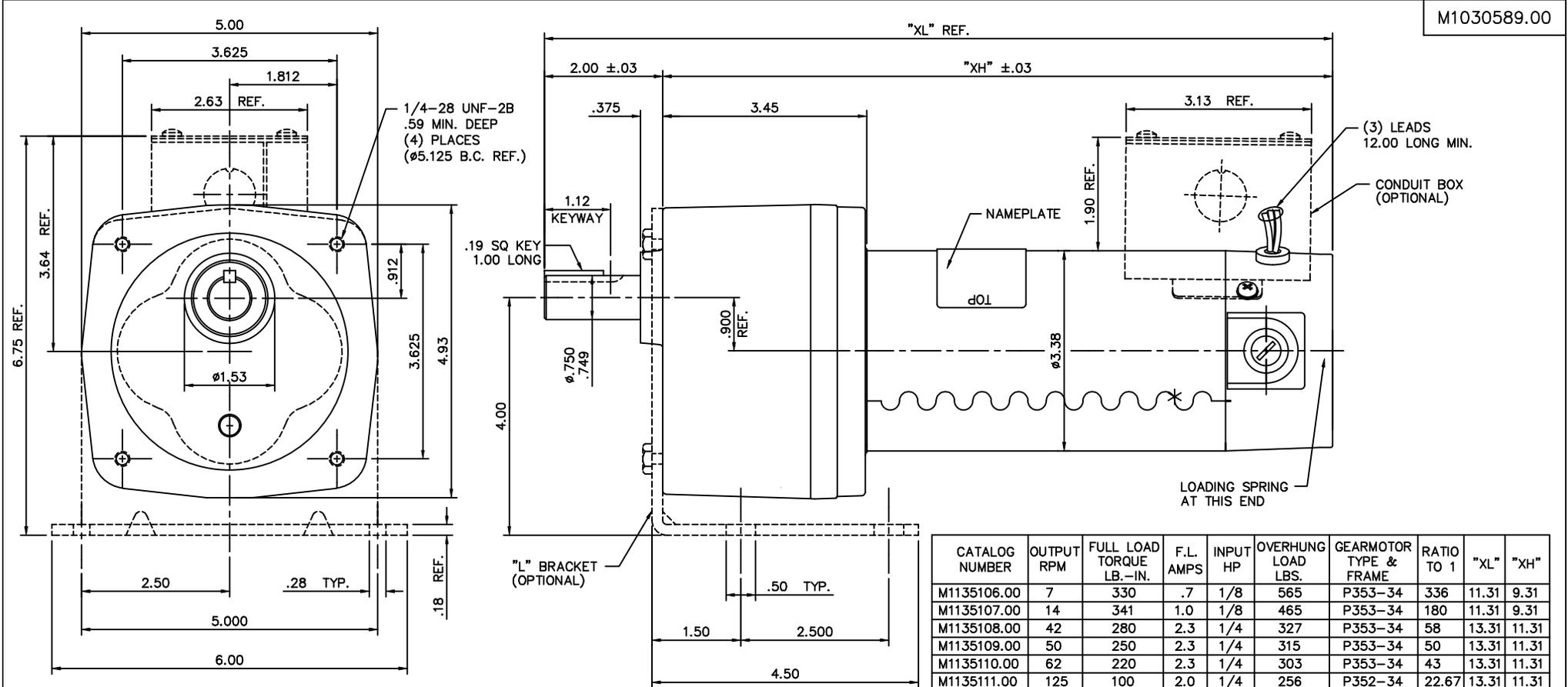
Nameplate Specifications

Output HP	0.13 Hp	Output KW	0.10 kW
Voltage	90 V	Speed	7 rpm
Service Factor	1.0	Frame	34
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	No Protection
Efficiency	34.9 %	Ambient Temperature	40 °C
Current	0.70 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	330 LB-IN
Outline Drawing	M1030589-M1135106	Connection Drawing	M100512401

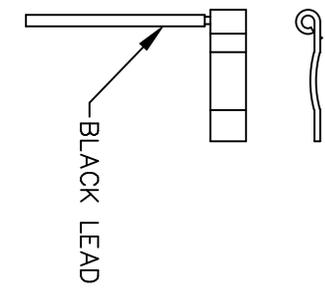
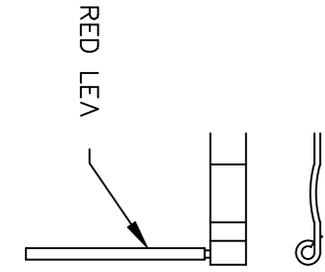
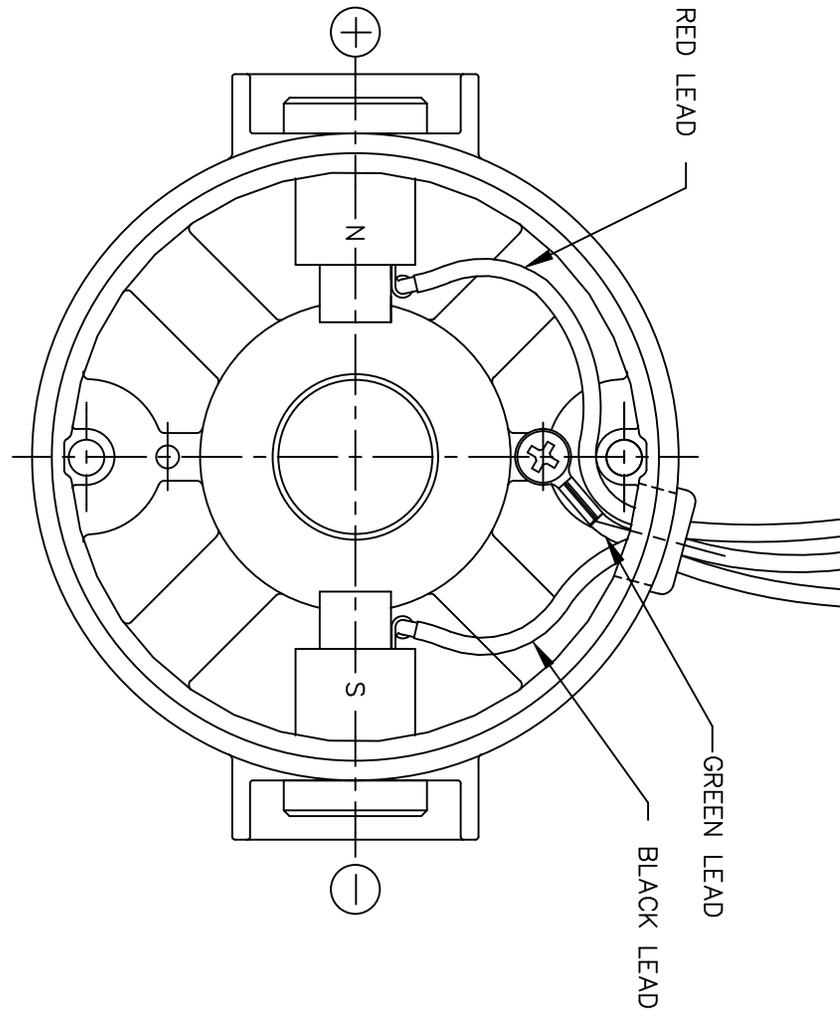
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CATALOG NUMBER	OUTPUT RPM	FULL LOAD TORQUE LB.-IN.	F.L. AMPS	INPUT HP	OVERHUNG LOAD LBS.	GEARMOTOR TYPE & FRAME	RATIO TO 1	"XL"	"XH"
M1135106.00	7	330	.7	1/8	565	P353-34	336	11.31	9.31
M1135107.00	14	341	1.0	1/8	465	P353-34	180	11.31	9.31
M1135108.00	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

		TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	DWF	6/26/97	
		DEC.	INCHES			CHK	APPD	SCALE	5=8
03	1/4-28 UNF-2B TAPS WERE .63 DEEP PER ECR81849.	RPB	11/24/03	BC	.XX	±.03	TITLE	OUTLINE	
02	1.12 KEYWAY WAS 1.03	IPG	11/30/00	SAD	.XXX	±.005	34 FRAME PE350 STOCK - 90 V		
01	UPDATED TO CATALOG INFORMATION PER KK	CAS	10/31/00	SAD	.XXXX	±.0005	MAT'L	FMF M1135115.00	
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	M1030589	SIZE	DRAWING NO.	REV.
				DIST	B	M1030589.00	03		

D.C. MOTORS



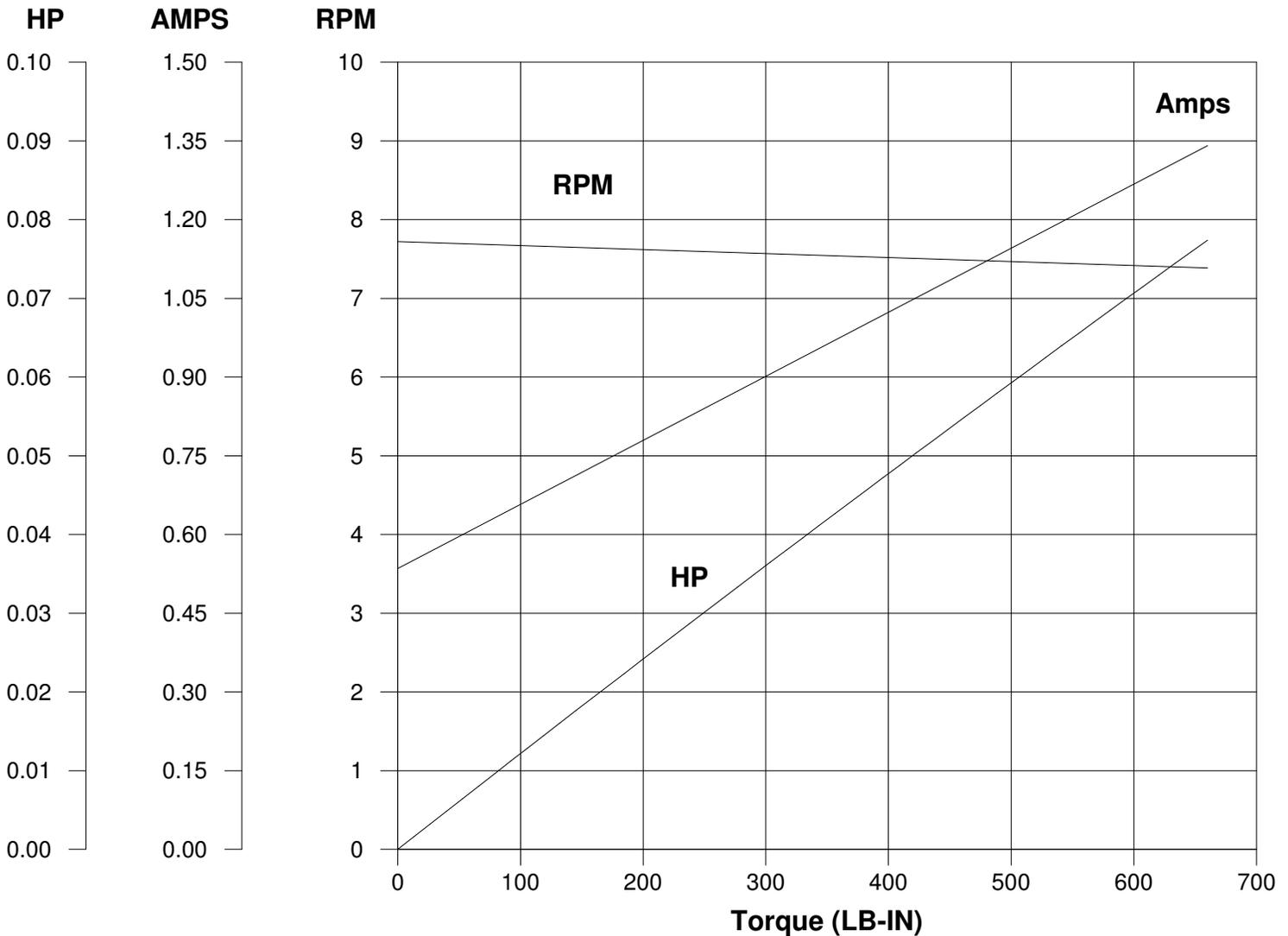
EXTERNAL CONNECTIONS FOR CW ROTATION
 VIEWING LEAD END OF MOTOR WITH RED LEAD
 POSITIVE AND BLACK LEAD NEGATIVE (-)
 FOR CCW ROTATION REVERSE POLARITY

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		APPD		SCALE	1=1	
04	CHANGED ROTATION FROM CCW TO CW	MJS	3/9/93	.XX	±.01		TITLE	CONNECTION DIAGRAM		REF	
03	REVISED ROTATION NOTE	DWF	1/6/93	.XXX	±.005		MAT'L.	FMF		M9131D2N22	
02	ADDED GREEN LEAD	DWF	8/1/92	.XXXX	±.0005			PREV			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"		FINISH				
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				DIST				A	M1005124.01		REV. 07

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE FOR DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. <u>CM34D25NZ62</u>	Catalog No. <u>M1135106.00</u>	
HP <u>0.125</u>	RPM <u>7</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>0.70</u>
		S.F. <u>1.00</u>
		Duty <u>Cont</u>



Ra 4.6300 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 330.0 LB-IN
FL EFF 34.90 %

Winding W- MD342195-1 **Prepared by** V. Boehlen **Date** 06-29-2005