

PRODUCT INFORMATION PACKET



Model No: M1135150.00
Catalog No: M1135150.00
Parallel Shaft Gearmotor, 0.25 HP, 180 V, 500 RPM, 34 Frame, TENV



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Nameplate Specifications

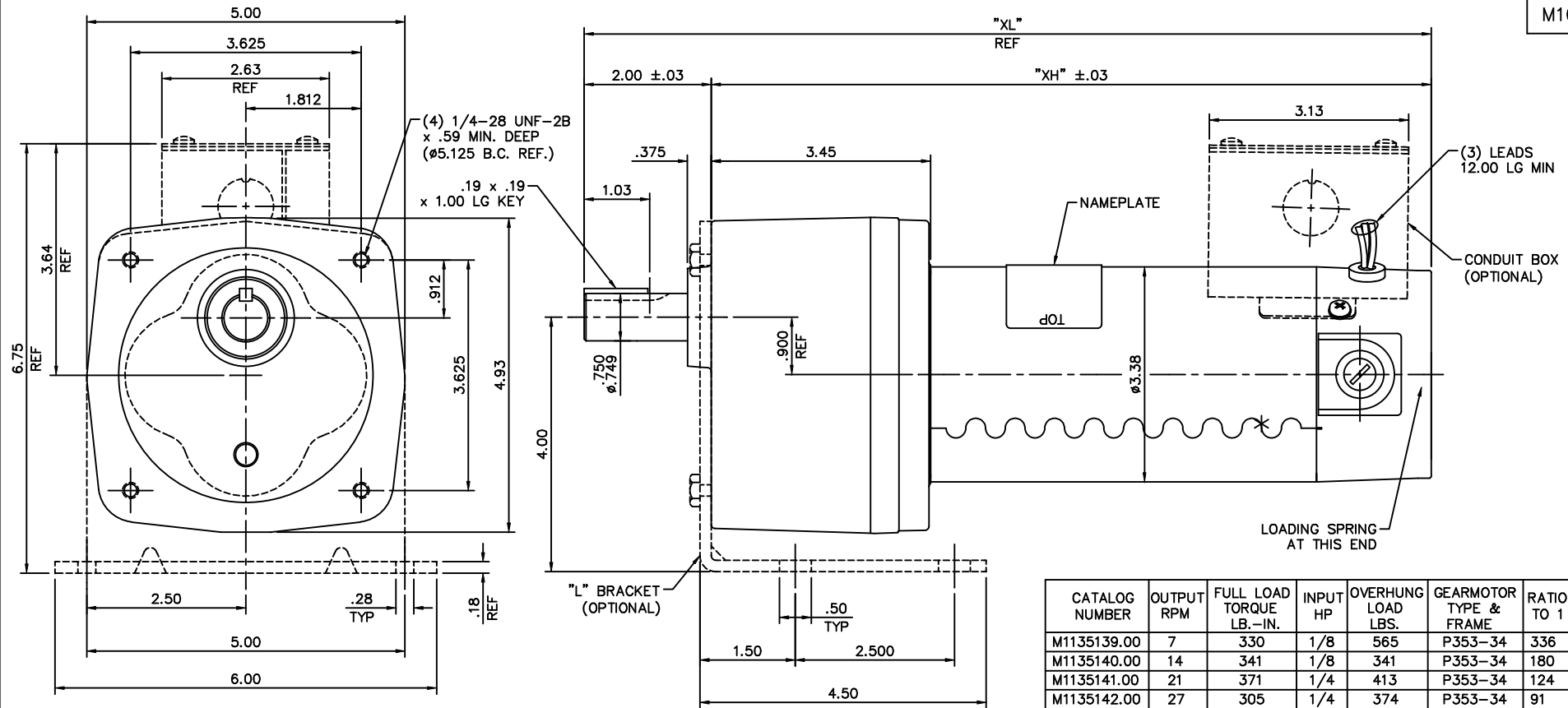
Output HP	0.25 Hp	Output KW	0.19 kW
Voltage	180 V	Speed	500 rpm
Service Factor	1.0	Frame	34
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	No Protection
Efficiency	63.8 %	Ambient Temperature	40 °C
Current	1.0 A	Duty	Continuous
Insulation Class	F	Drive End Bearing Size	6201
Opp Drive End Bearing Size	608	UL	Recognized
CSA	Y	CE	Y

Technical Specifications

Rotation	Reversible	Mounting	Special
Shaft Type	Parallel	Overall Length	13.31 in
Frame Length	6.06 in	Shaft Diameter	0.750 in
Shaft Extension	1.625 in	Torque	25 LB-IN
Outline Drawing	M1030693-M1135150	Connection Drawing	M100512401

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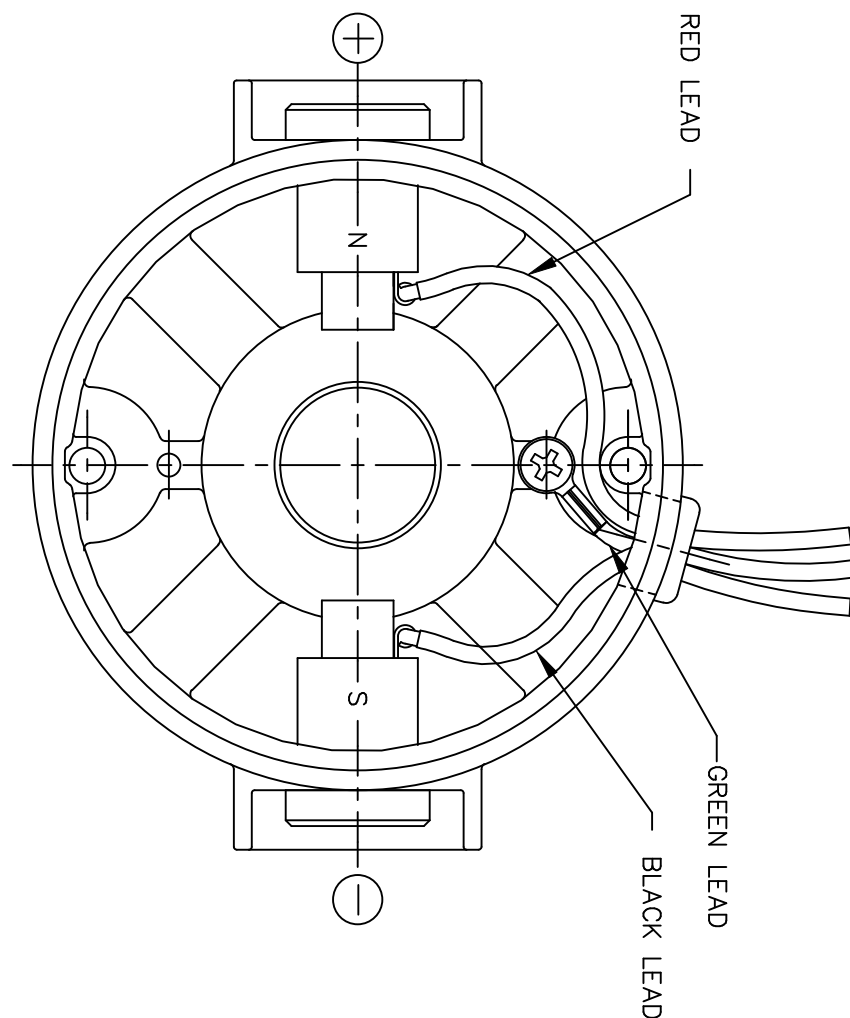
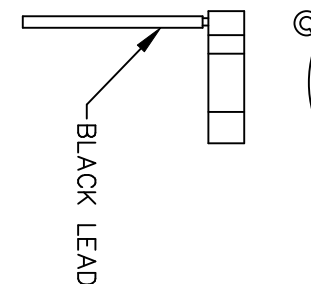
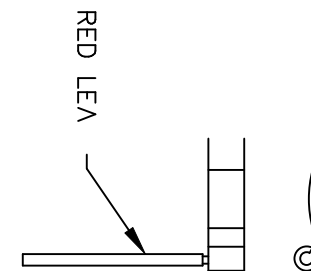
M1030693.00



CATALOG NUMBER	OUTPUT RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	GEARMOTOR TYPE & FRAME	RATIO TO 1	"XL"	"XH"
M1135139.00	7	330	1/8	565	P353-34	336	11.31	9.31
M1135140.00	14	341	1/8	341	P353-34	180	11.31	9.31
M1135141.00	21	371	1/4	413	P353-34	124	13.31	11.31
M1135142.00	27	305	1/4	374	P353-34	91	13.31	11.31
M1135143.00	42	280	1/4	327	P353-34	58	13.31	11.31
M1135144.00	50	250	1/4	315	P353-34	50	13.31	11.31
M1135145.00	62	220	1/4	303	P353-34	43	13.31	11.31
M1135146.00	83	155	1/4	267	P352-34	29	13.31	11.31
M1135147.00	125	100	1/4	256	P352-34	22.67	13.31	11.31
M1135148.00	165	70	1/4	232	P352-34	15	13.31	11.31
M1135149.00	250	45	1/4	201	P352-34	10.6	13.31	11.31
M1135150.00	500	25	1/4	194	P352-34	5.44	13.31	11.31

			TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN SAD 02/04/99	
			DEC.	INCHES				CHK	
			.X	±.1				APPD	
			.XX	±.03		TITLE		SCALE	5=8
02	1/4-28 UNF-2B TAPS WERE .63 DEEP PER ECR81849.	RPB 11/25/03	BC	.XXX	±.005	OUTLINE - 34 FRAME D.C. PE350 GEARBOX 180 VOLTS		REF	M1030589.00
01	UPDATED TO CATALOG INFORMATION PER K.K.	CAS 10/31/00	SAD	.XXXX	±.0005	MAT'L		FMF	M1135139.00
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		M1030693	SIZE	DRAWING NO.	REV.
			DIST				B	M1030693.00	02

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

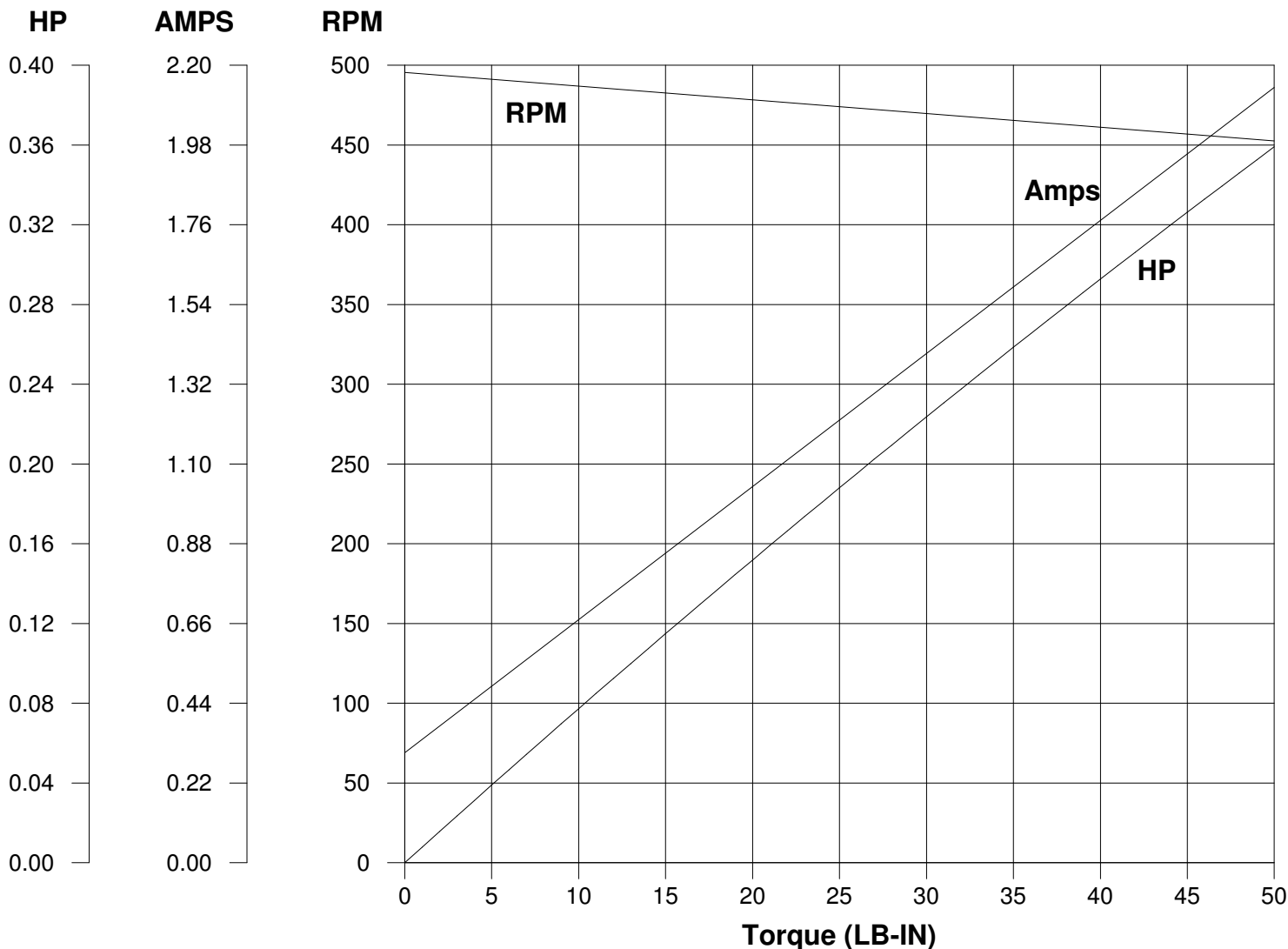
07	CORRECTED "N" & "S", ECR 80000 (PER BC)	VS	8/14/02	BC	TOLERANCES UNLESS SPECIFIED	 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	SPV	12/10/91
06	REMOVED GROUND HOLE	TMZ	3/16/95	DEC.	INCHES		CHK	DWF	5/20/92
05	REVERSE ROTATION WAS CW	SPV	6/3/94	.X	±.1		APPD		
04	CHANGED ROTATION FROM CCW TO CW	MJS	3/9/93	.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		
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				DIST			A	M1005124.01	07

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE

FOR

DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. CM34D25NZ85Catalog No. M1135150.00HP 0.250RPM 500DC Volts 180.0N.P. FLA 1.00F.F. 1.38Encl TENVType DNS.F. 1.00Max. Amb. 40.0 Deg CInsul. FFrame 34Duty Cont

Ra 8.5000 Ohms
 La 37.00 mHenrys
 Ja 0.6440 LB-IN²
 Ke 65.72 V/KRPM

Kt 5.555 LB-IN/AMP
 Imax 20.0 AMPS Allowed
 FL Torque 25.00 LB-IN
 FL EFF 63.80 %

Winding W- MD342218-1Prepared by V. BoehlenDate 09-08-2005