

PRODUCT INFORMATION PACKET



Model No: M1125002.00
Catalog No: M1125002.00
Parallel Shaft Gearmotor, 0.06 HP, 90 V, 30 RPM, 30 Frame, TENV



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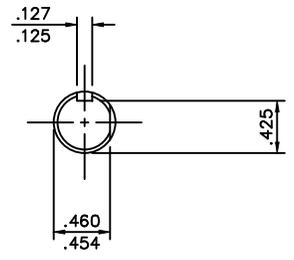
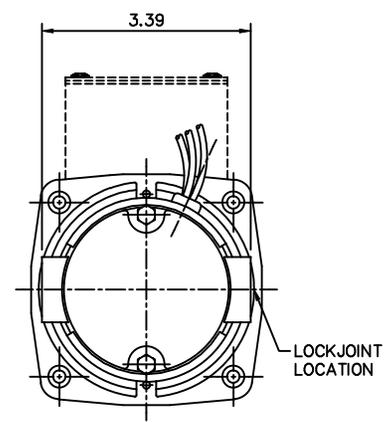
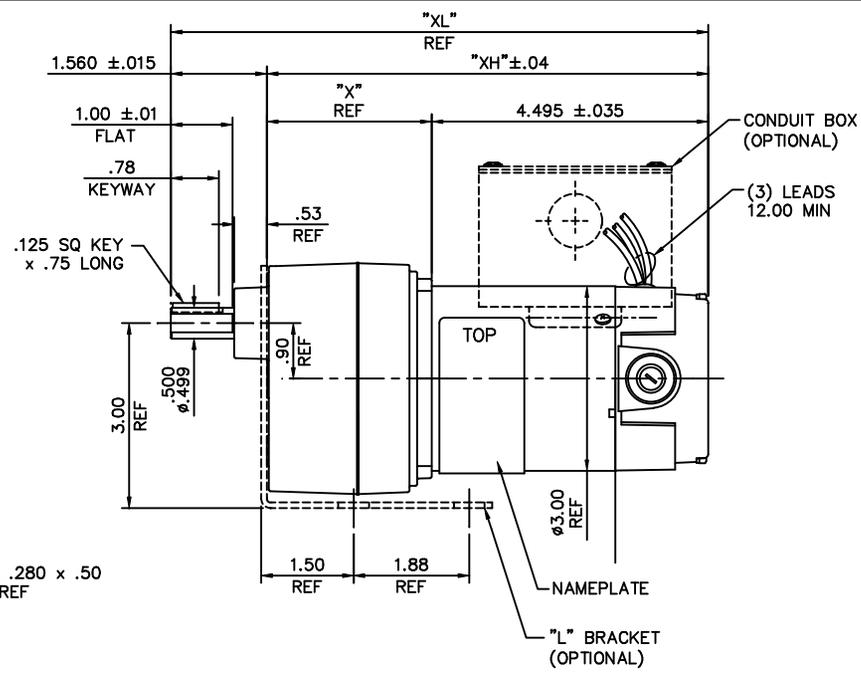
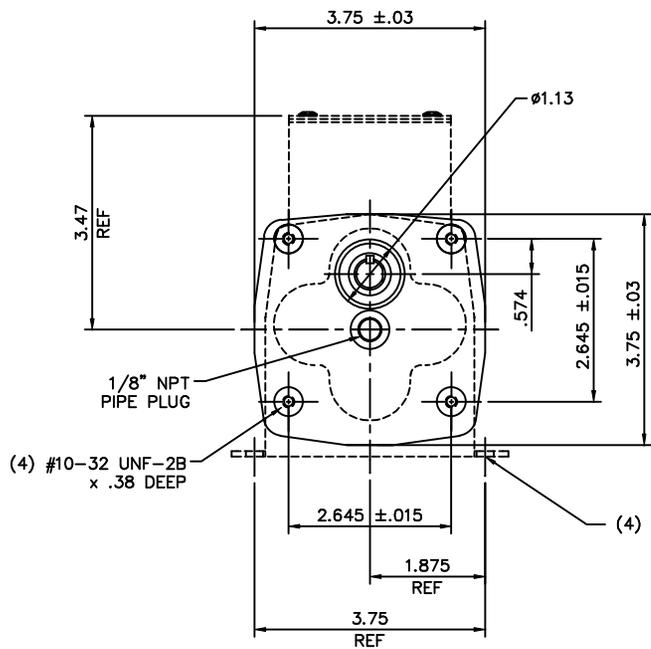
Nameplate Specifications

Output HP	0.06 Hp	Output KW	0.04 kW
Voltage	90 V	Speed	30 rpm
Service Factor	1.0	Frame	30
Enclosure	Totally Enclosed Non Ventiladed	Thermal Protection	No Protection
Efficiency	55.1 %	Ambient Temperature	40 °C
Current	0.80 A	Duty	Continuous
Insulation Class	F	Drive End Bearing Size	6000
Opp Drive End Bearing Size	6000	UL	Recognized
CSA	Y	CE	Y

Technical Specifications

Rotation	Reversible	Mounting	Special
Shaft Type	Parallel	Overall Length	9.30 in
Frame Length	2.99 in	Shaft Diameter	0.500 in
Shaft Extension	1 in	Torque	100 LB-IN
Outline Drawing	M1030957-M1125002	Connection Drawing	M100530201

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SHAFT DETAIL
SCALE 2:1

CATALOG No.	VOLTS	HP	RATIO	TORQUE IN-LB	RPM	"XL" INCH	"XH" INCH	"X" INCH
M1115000.00	90	1/20	90:1	100	20	9.30	7.74	3.24
M1115001.00	90	1/20	180:1	100	10	9.30	7.74	3.24
M1115002.00	90	1/40	450:1	40	4	9.30	7.74	3.24
M1125002.00	90	1/17	60:1	100	30	8.74	7.18	2.68
M1125003.00	90	1/17	30:1	56	60	8.74	7.18	2.68
M1125004.00	90	1/17	18:1	36	100	8.74	7.18	2.68
M1125005.00	90	1/17	12:1	24	150	8.46	6.90	2.40
M1125006.00	90	1/17	6:1	10	300	8.46	6.90	2.40
M1125033.00	180	1/17	6:1	10	300	8.46	6.90	2.40
M1125034.00	180	1/17	12:1	24	150	8.46	6.90	2.40
M1125035.00	180	1/17	18:1	36	100	8.74	7.18	2.68
M1125036.00	180	1/17	30:1	56	60	8.74	7.18	2.68
M1125037.00	180	1/17	60:1	100	30	8.74	7.18	2.68
M1125046.00	180	1/40	450:1	40	4	9.30	7.74	3.24
M1125047.00	180	1/20	180:1	100	10	9.30	7.74	3.24
M1125048.00	180	1/20	90:1	100	20	9.30	7.74	3.24

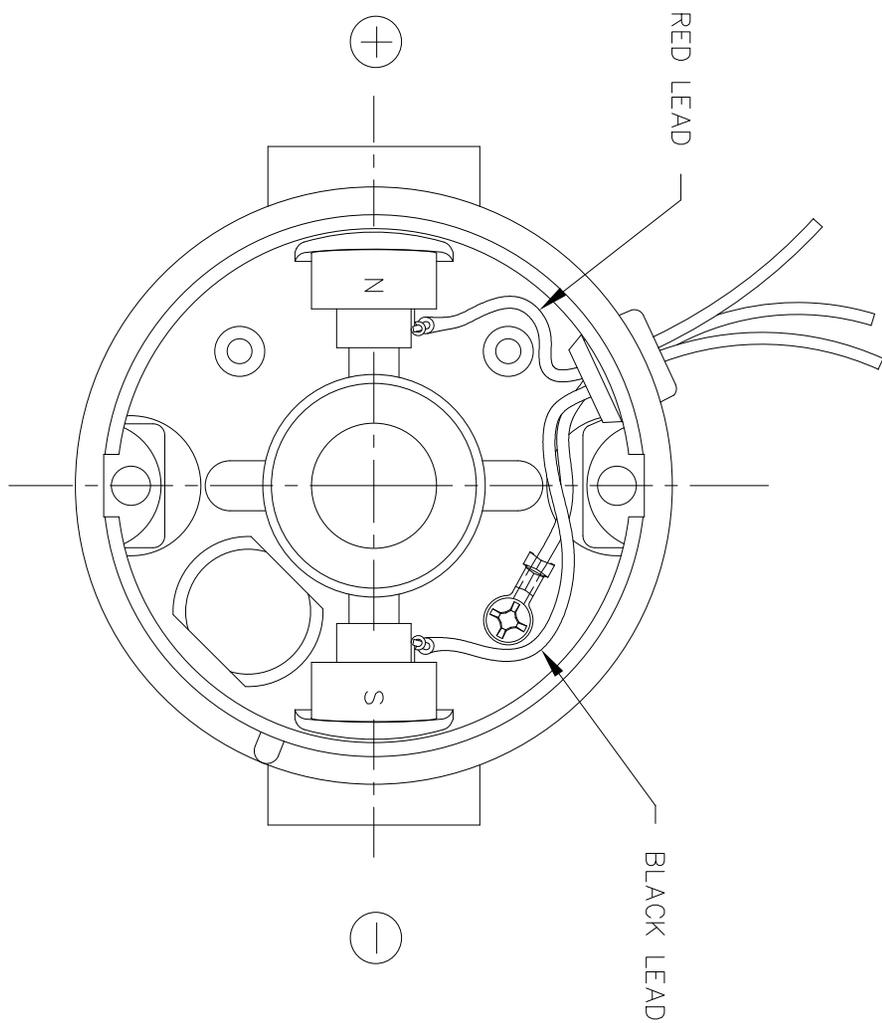
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						TITLE		SCALE 1=2	
						30 FRAME DC-PZ GEARBOX		REF M1115000-1125048	
00 RELEASED COMM CONVERSION PROJECT				RWS 4/13/05		MAT'L		FMT M1115002.00	
NO. REVISION				BY & DATE		FINISH		PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST 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 M1030957		SIZE B DRAWING NO. M1030957.00	
				DIST				REV. 00	

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STACK:

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-savelevel-

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

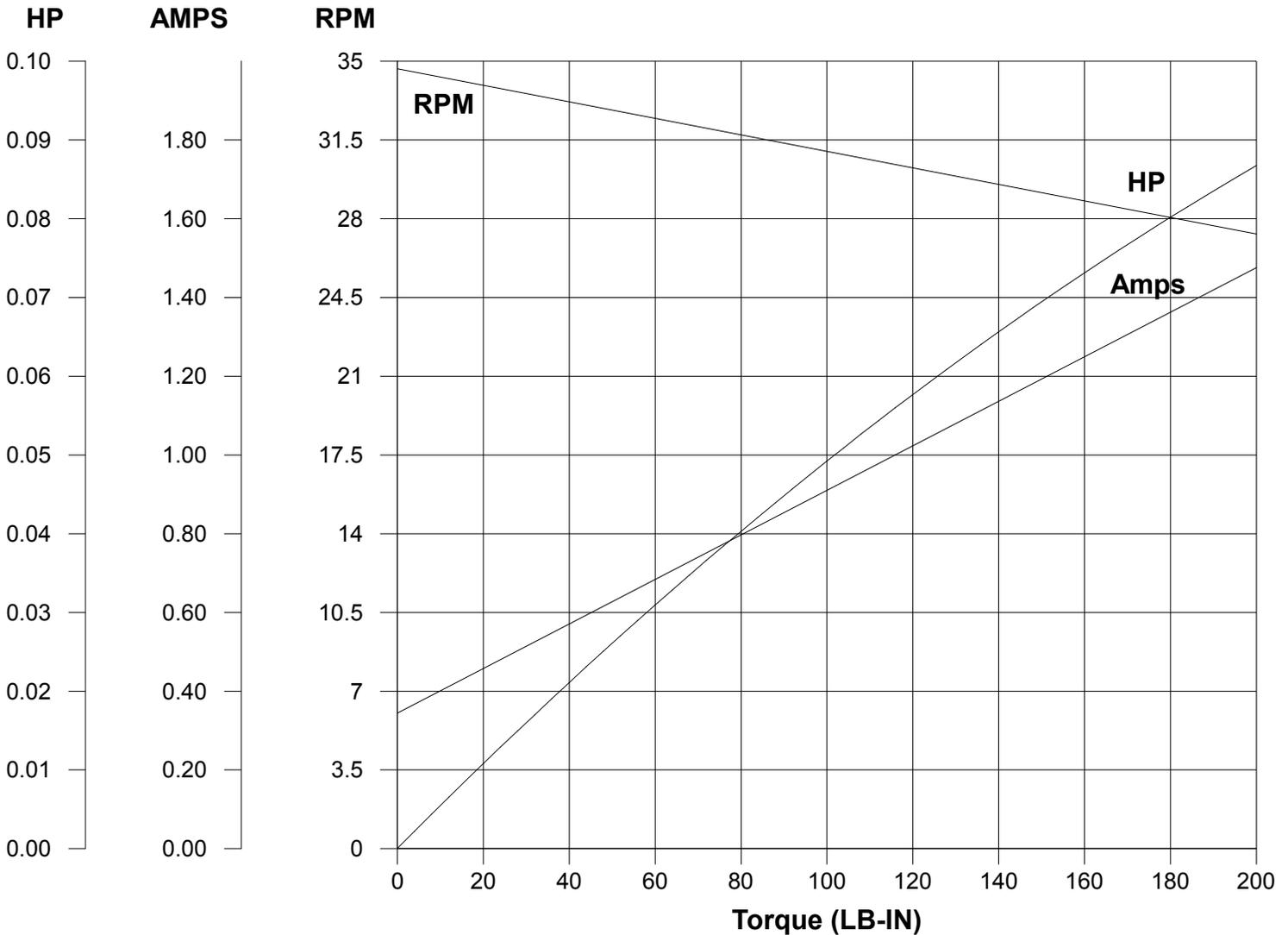
ITEM	REV
	001

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				DEC.	INCHES		CHK RPB 3/15/05			
				.X	±.1		APPD			
				.XX	±.01		SCALE 1=1			
				.XXX	±.005		REF 901.706			
C	BRUSH HOLDERS ROTATED 90°, ECR-0207997	IPG	11/12/21	.XXX	±.005	TITLE CONNECTION DIAGRAM		SCALE 1=1		
00	RELEASED COMM CONVERSION PROJECT	RWS	4/13/05	RPB	.XXXX	±.0005	MAT'L.	REF 901.706		
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				DIST						

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE FOR DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. <u>985.627</u>	Catalog No. <u>M1125002.00</u>	
HP <u>0.059</u>	RPM <u>30</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>30</u>
		N.P. FLA <u>0.80</u>
		S.F. <u>1.00</u>
		Duty <u>CONT</u>



Ra 14.400 Ohms
La 55.99 mHenrys
Ja 3.864 OZ-IN²
Ke 39.31 V/KRPM

Kt 3.322 LB-IN/AMP
Imax 8.2 AMPS Allowed
FL Torque 100.0 LB-IN
FL EFF 55.10 %

Winding W- MD302118-2 **Prepared by** V. Boehlen **Date** 05-17-2018