

PRODUCT INFORMATION PACKET



Model No: M1125220.00
Catalog No: M1125220.00
Parallel Shaft Gearmotor, 0.13 HP, 12 V, 61 RPM, 30 Frame, TENV



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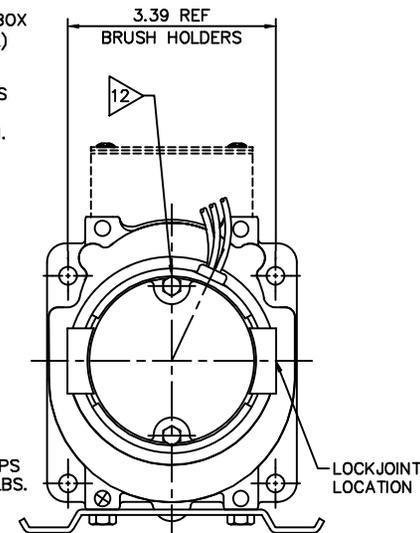
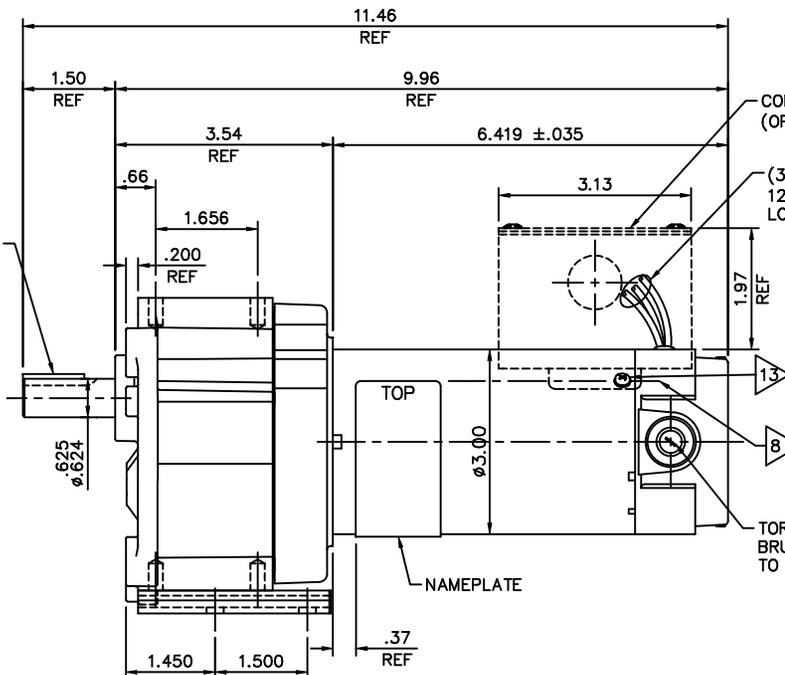
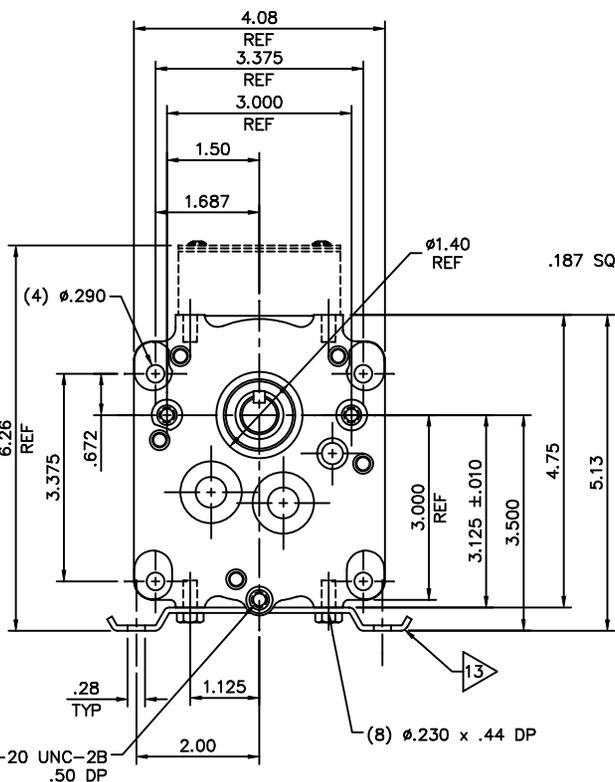
Nameplate Specifications

Output HP	0.13 Hp	Output KW	0.10 kW
Voltage	12 V	Speed	61 rpm
Service Factor	1.0	Frame	30
Enclosure	Totally Enclosed Non Ventiladed	Thermal Protection	No Protection
Efficiency	63.7 %	Ambient Temperature	40 °C
Current	10.4 A	Duty	Continuous
Insulation Class	F	Drive End Bearing Size	6000
Opp Drive End Bearing Size	6000	UL	Recognized
CSA	Y	CE	N

Technical Specifications

Rotation	Reversible	Mounting	Special
Shaft Type	Parallel	Overall Length	11.46 in
Frame Length	4.91 in	Shaft Diameter	0.625 in
Shaft Extension	1.5 in	Torque	113 LB-IN
Outline Drawing	M1030941-M1125220	Connection Drawing	M112522000FI

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- 1) ROTATION: REVERSIBLE
- 2) HIPOT: 1250 VAC FOR ONE SECOND; RED & BLACK LEADS TO CASE
- 3) LEADS: 14 GA
- 4) BEARINGS: BALL BEARINGS BOTH ENDS
- 5) CASTINGS: GEARBOX-DIE CAST ALUMINUM, REAR ENDCAP-DIE CAST ZINC
- 6) MAGNET TUBE: ZINC PLATED STEEL
- 7) INSULATION: CLASS F 155°C
- 8) NAME PLATE MUST BE IN LINE WITH HOLE WITHIN .06"
- 9) TEST AND LUBRICATE GEARBOX PER 890.178
- 10) PAINT PER DRAWING #PP985.6XX
- 11) PACKAGE FOR SHIPMENT PER 890.179
- 12) TORQUE THROBOLTS TO 20-25 IN-LB
- 13) INSTALL BRACKET & CONDUIT BOX SCREWS AT FINAL ASSEMBLY BEFORE PAINTING

MODEL No.	VOLTAGE	CATALOG No.	TYPE	RATIO	TORQUE	HP	RPM
985.658	12VDC	M1125218.00	DN	58:1	220 IN-LB	1/8	31
985.659	12VDC	M1125219.00	DN	35:1	130 IN-LB	1/8	51
985.660	12VDC	M1125220.00	DN	29:1	113 IN-LB	1/8	61

			TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	KLS 9/24/04	
			DEC.	INCHES			CHK	IPG 9/24/04	
			.X	±.1	TITLE		APPD	SCALE	1=2
01	VALUES FOR HP & RPM WERE 1/20 AND 5, ECR 87703	VS	2/9/05	BC	.XXX	±.005	REF		M1125218-200L
00	RELEASED PER ECR 87604		KLS 09/24/04	IPG	.XXXX	±.0005	MAT'L		FMF M1125218.00
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	M1030941	SIZE	DRAWING NO.
					DIST			B	M1030941.00
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1. HIPOT @ 1250 VOLTS FOR ONE SECOND, RED & BLACK LEADS TO CASE
2. RED LEAD POS (+)
- BLACK LEAD NEG (-)
- } CCWSE (MOTOR ONLY-SHAFT OUTPUT END)
3. RUN IN @ 12 VDC, 2.03 MAX AMPS, NO LOAD
4. TORQUE THRUBOLTS TO 20-25 LB. IN.
5. ALL MOTORS TO BE RUN-IN AT FREE-LOAD FOR 30 MINS. [REVERSING DIRECTION AT 15 MINUTES] AT 12±1 VDC.

CHECKS TO OUTLINE DRAWING

- A. LEAD LENGTH & STRIP
- B. SHAFT ROTATION (GEARBOX)
- C. LABEL CORRECT, POSITION (CRITICAL) & DATE CODE
- D. -
- E. PAINT - SMOOTH. COMPLETE & NO RUNS
- F. MOUNTING BASE ON GEARBOX
- G. CONDUIT BOX SCREWS
- H. GEARBOX ID
- J. GEARBOX OIL PLUG TORQUE (24 LB. IN.)

PERFORMANCE SPECIFICATIONS

TORQUE	SPEED	MAX AMPS
56 LB. IN.	63-70	6.85
113 LB. IN.	57-64	11.45

UL NUMBER: 985.660

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	AD 1/30/01	
				DEC.	INCHES			CHK		
03	REMOVED KEY & RUBBER BAND/"D"OUT.CHKS. ECR83964	RPB	12/17/03	BC	.X	±.1		APPD		
02	CHG'D NOTE 5	JKM	11/8/02		.XX	±.01	TITLE FINAL INSPECTION 30 FRAME DC - P300 GEARBOX	SCALE	1=1	
01	2.03 W .88;63-70 W 63-69;6.85 W 6.0;11.45 W 11.0	AD	3/27/01		.XXX	±.005		REF		
00	RELEASE	AD	1/30/01		.XXXX	±.0005	MAT'L.	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"		FINISH	PREV		
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