

PRODUCT INFORMATION PACKET



Model No: M1125218.00
Catalog No: M1125218.00
Parallel Shaft Gearmotor, 0.13 HP, 12 V, 31 RPM, 30 Frame, TENV



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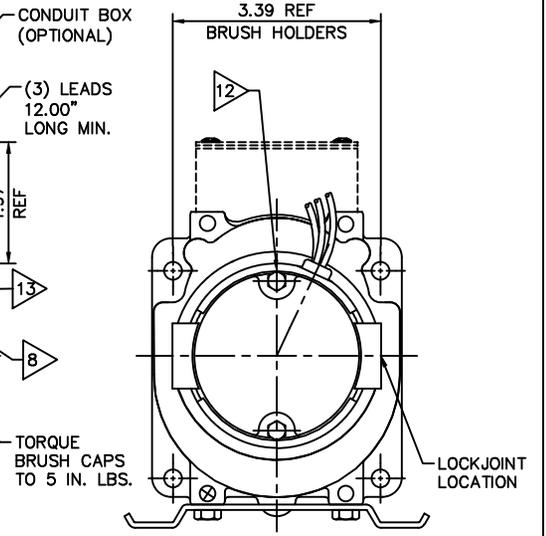
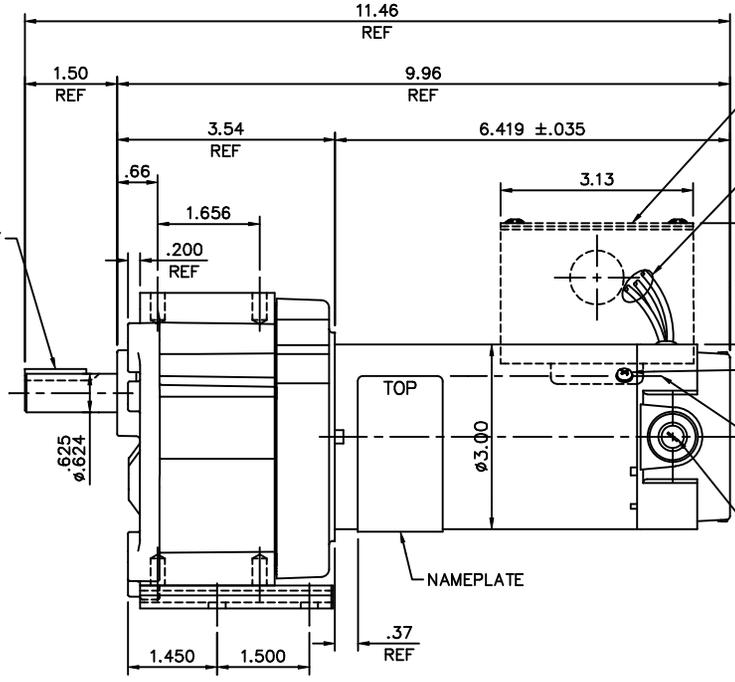
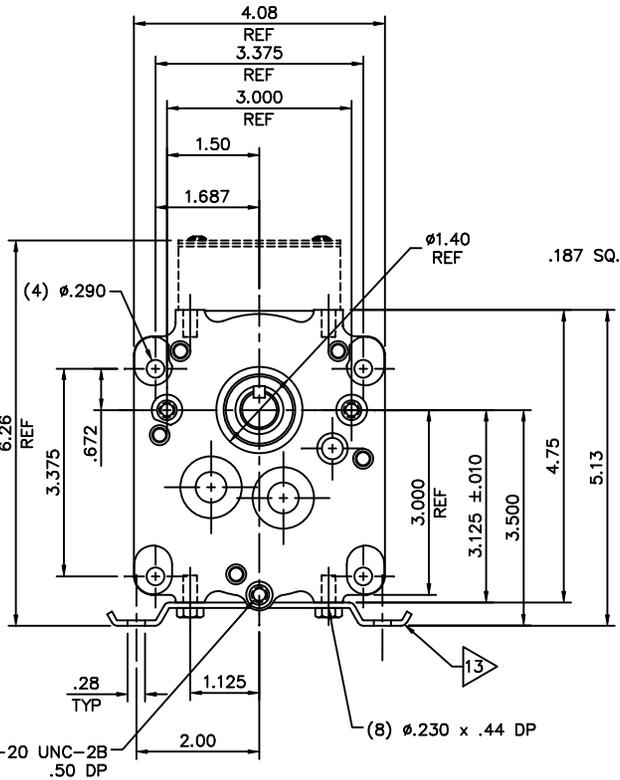
Nameplate Specifications

Output HP	0.13 Hp	Output KW	0.10 kW
Voltage	12 V	Speed	31 rpm
Service Factor	1.0	Frame	30
Enclosure	Totally Enclosed Non Ventiladed	Thermal Protection	No Protection
Efficiency	60.4 %	Ambient Temperature	40 °C
Current	10.6 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	220 LB-IN
Outline Drawing	M1030941-M1125218	Connection Drawing	M112521800FI

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(3) 1/4-20 UNC-2B .50 DP
 (8) Ø.230 x .44 DP

- NOTES:
- 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 IPC 9/24/04	
				.X	±.1	APPD		SCALE 1=2	
				.XX	±.03	TITLE		REF M1125218-200L	
01	VALUES FOR HP & RPM WERE 1/20 AND 5, ECR 87703	VS 2/9/05	BC .XXX	±.005	30 FRAME DC - P300 GEARBOX		RWF M1125218.00		
00	RELEASED PER ECR 87604	KLS 09/24/04	IPG .XXXX	±.0005	MAT'L		PREV		
NO.	REVISION	BY & DATE	CHK ANG	±1/2"	FINISH	RFP CAD FILE M1030941		SIZE B	DRAWING NO. M1030941.00
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						DIST		REV. 01	

1. HIPOT @ 1250 VOLTS FOR ONE SECOND, RED & BLACK LEADS TO CASE
2. RED LEAD POS (+)
- BLACK LEAD NEG (-)
3. RUN IN @ 12 VDC, 2.30 MAX AMPS, NO LOAD
4. TORQUE THRU BOLTS 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.

} CCWSE (MOTOR ONLY-SHAFT OUTPUT END)

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
110 LB. IN.	31-34	7.0
200 LB. IN.	30-33	10.75

UL NUMBER: 985.658

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN AD 1/29/01	
				DEC.	INCHES		CHK	
03	REMOVED KEY & RUBBER BAND/"D"OUT.CHKS. ECR83964	RPB 12/17/03	BC	.X	±.1	TITLE FINAL INSPECTION 30 FRAME DC - P300 GEARBOX MAT'L. FINISH	APPD	
02	CHG'D NOTE 5	JKM 11/8/02		.XX	±.01		SCALE 1=1	
01	2.30 W .88; 7.00 W 6.0; 10.75 W 10.50	AD 3/20/01		.XXX	±.005		REF	
00	RELEASE	AD 1/29/01		.XXXX	±.0005		FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'		PREV	
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				DIST				