

(3) 1/4-20 UNC-2B .50 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 THRUBOLTS 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
									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, 1.36 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. CONDUIT BOX SCREWS
- G. GEARBOX ID
- H. GEARBOX OIL PLUG TORQUE (24 LB. IN.)

PERFORMANCE SPECIFICATIONS

TORQUE	SPEED	MAX AMPS
50 LB. IN.	10-12	2.24
100 LB. IN.	9-11	2.95

UL NUMBER: 985.653

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	AD 1/26/01	
				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 - PZ GEARBOX	AND DRIVES	APPD		
02	CHG'D NOTE 5	JKM 11/8/02		.XX	±.01			SCALE	1=1	
01	1.36 W .84; 2.24 W 2.45; 2.95 W 4.89	AD 3/27/01		.XXX	±.005			REF		
00	RELEASE	AD 1/26/01		.XXXX	±.0005			FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	MAT'L.	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	M112521300FI	SIZE	DRAWING NO.	REV.
				DIST				A	M1125213.00FI	03