



18	THREAD LOCKER #242
17	BRUSH ASSEMBLY
16	BRUSH CAP
15	KEPS NUT
14	GEARBOX
13	#8 ITLW
12	RETAINING RING
11	COVER WASHER
10	1/4-20 X .88 SCREW
9	8-32 THRU BOLT
8	SHIM .015
7	SHIM .030
6	WAVY SPRING
5	ITLW 1/4
4	ENDBELL MACHINED
3	ENDBELL ASSEMBLY
2	ARMATURE/SHAFT
1	FRAME/MAGNET
ITEM	DESCRIPTION

CAUTION!
 PRIOR TO ASSEMBLY OF GEARBOX TO MOTOR A COUPLING HALF MUST BE ASSEMBLED TO MOTOR SHAFT WITH A SET SCREW AND LOC-TITE. PUSH COUPLING HALF TO SHOULDER ON SHAFT BEFORE TIGHTENING SET SCREW. PLACE DRIVE RING ON ONE HALF OF COUPLING AND THEN ASSEMBLE GEARBOX TO MOTOR.

				TOLERANCES UNLESS OTHERWISE SPECIFIED			LEESON ELECTRIC CORPORATION				
				DEC.	INCHES	METRIC			TITLE		
				.X	±.1	±2.5	DRAWN	DWF 4/22/95	GENERAL ASSEMBLY		
02	COMMUTATOR CONSOLIDATION PROJECT	SAD 9/29/00	IPG	.XX	±.01	±.25	APPR.	SPV 4/22/95	13 SERIES GEARBOX		
01	GEAR SYSTEMS GEARBOX WAS HUB CITY GEARBOX	SAD 12/17/97		.XXX	±.005	±.127	R.F.P.		MAT'L.		
NO.	REVISION	BY & DATE	CH'K'D.	.XXXX	±.0005	±.0127	SCALE	1=1			
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				FRACTIONS	±1/64	REF.	M1040519.00	FINISH	LEESON	REV.	DRAWING NO.
				ANGLES	±1/2°	FMF	M1135058.00			02	M1040520.00