



- NOTES:
- 1) MAXIMUM FACE RUNOUT TO BE .004 TIR
 - 2) MAXIMUM PILOT ECCENTRICITY TO BE .004 TIR
 - 3) PERMISSIBLE SHAFT RUNOUT TO BE .002 TIR
 - 4) BUNA-N GASKETS THROUGHOUT
 - 5) OIL SEAL ON SHAFT

FRAME	"C"	"AG"	"AD"
D90L	443.7 [17.47]	381.7 [15.03]	269.0 [10.59]
E90L	456.4 [17.97]	394.4 [15.53]	281.7 [11.09]
F90L	469.1 [18.47]	407.1 [16.03]	294.4 [11.59]
G90L	481.8 [18.97]	419.8 [16.53]	307.1 [12.09]
H90L	494.5 [19.47]	432.5 [17.03]	319.8 [12.59]
J90L	507.2 [19.97]	445.2 [17.53]	332.5 [13.09]
K90L	519.9 [20.47]	457.9 [18.03]	345.2 [13.59]
L90L	532.6 [20.97]	470.6 [18.53]	357.9 [14.09]
M90L	545.3 [21.47]	483.3 [19.03]	370.6 [14.59]
N90L	558.0 [21.97]	496.0 [19.53]	383.3 [15.09]

				TOLERANCES UNLESS OTHERWISE SPECIFIED			LEESON ELECTRIC CORPORATION					
				DEC.	INCHES	METRIC						
				.X	±.1	±.25	DRAWN	CJK 2/26/01	TITLE		OUTLINE	
01 REDRAWN WITH DUAL DIMENSIONING AND ADDED				SAD 7/16/01	CJK	.XX	±.03	±.76	APPR.	IEC 90 FRAME DC MOTOR		
						.XXX	±.005	±.127	R.F.P.	MAT'L.		
NO. REVISION				BY & DATE	CH'K'D.	.XXXX	±.0005	±.0127	SCALE	1=2		
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.	033999	FINISH	REV.	DRAWING NO.
						ANGLES	±1/2°	FMF	STOCK	01	034892	