

## 257 OUTBOARD BEARING LOAD RATINGS

### SIDE LOAD (WITH OUTBOARD BEARING) 1125 LBS. OR 5000 NEWTONS

(CODE)	DRIVE TYPE	PL FACTOR
14	"B" SPLINE	6500 (INTEGRAL)
32	"BB" KEYED	6500 (INTEGRAL)
87	"BB" SPLINED	10,000 (INTEGRAL)
6	"C" SPLINE	16,000 (INTEGRAL)
00	"C" KEYED	14,000 (INTEGRAL)
1	CONNECTING	8,000
C	CONTINENTAL 8000 CODES 00, 6, & 87	6500 CODE 14 4500 CODE 29 CODE 32 CONSULT FACTORY
257	1/2" THRU 1-1/4" GEAR WIDTH =	4500 PSI
	1-1/2" GEAR WIDTH =	3500 PSI
	1-3/4" GEAR WIDTH =	3250 PSI
	2" GEAR WIDTH =	3000 PSI
	2-1/4" GEAR WIDTH =	2750 PSI
	2-1/2" GEAR WIDTH =	2500 PSI

1 BAR = 14.5 PSI

1 CU. IN. = 16.38 CU. CM

1 LB = 4.448 N

1 GPM = 231 CU. IN.

1 FT\*LB = 1.356 N\*M

1 FT\*LB = 12 IN\*LB

TORQUE =  $\frac{(PSI \times DISPLACEMENT)}{6.28}$

HP =  $\frac{(GPM \times PSI)}{1714}$

HP =  $\frac{(TORQUE \times RPM)}{63025}$  TORQUE = IN\*LB