

5000 / 5100 / 5151 OUTBOARD BEARING LOAD RATINGS

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

(CODE)	DRIVE TYPE	PL FACTOR
32	"BB" KEYED	6600 (INTEGRAL)
00	"C" KEYED	13,000 (INTEGRAL)
14	"B" SPLINE	6400 (INTEGRAL)
6	"C" SPLINE	13,850 (INTEGRAL)
1	CONNECTING	8000
C	CONTINENTAL	8000 EXCEPT CODE 14 & 32

5000 1/2" THRU 1-1/2" GEAR WIDTH = 2500 PSI

1-3/4" THRU 2-1/2" GEAR WIDTH = 2000 PSI

5100 1/2" THRU 1-3/4" GEAR WIDTH = 3000 PSI

2" THRU 2-1/2" GEAR WIDTH = 2500 PSI

5151 1-3/4" THRU 2-1/2" GEAR WIDTH = 3000 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