

197 OUTBOARD BEARING LOAD RATINGS

SIDE LOAD (WITH OUTBOARD BEARING) 800 LBS. OR 3500 NEWTONS

(CODE)	DRIVE TYPE	PL FACTOR
14	"B" SPLINE	8000 (INTEGRAL)
32	"BB" KEYED	8000 (INTEGRAL)
87	"BB" SPLINED	10,000 (INTEGRAL)
1	CONNECTING	6,000
C	CONTINENTAL	6000 EXCEPT CODES (04, 21, 24, 32, 84 CM1 & SPL) – CONSULT FACTORY

197	1/2" THRU 3/4" GEAR WIDTH =	CONSULT FACTORY
	1" THRU 1-1/4" GEAR WIDTH =	4000 PSI
	1-1/2" GEAR WIDTH =	3750 PSI
	1-3/4" GEAR WIDTH =	3500 PSI
	2" GEAR WIDTH =	3250 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