

2100 / 3000 / 3100 OUTBOARD BEARING LOAD RATINGS

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

| (CODE) | DRIVE TYPE | PL FACTOR |
|--------|-------------|---------------------|
| 29 | "B" KEYED | 5700 (INTEGRAL) |
| 55 | "B" KEYED | 5700 (INTEGRAL) |
| 32 | "BB" KEYED | 8600 (INTEGRAL) |
| 56 | "BB" KEYED | 8600 (INTEGRAL) |
| 84 | "A" SPLINE | 2700 (INTEGRAL) |
| 14 | "B" SPLINE | 8300 (INTEGRAL) |
| 54 | "B" SPLINE | 8300 (INTEGRAL) |
| 1 | CONNECTING | 5500 |
| C | CONTINENTAL | 5500 EXCEPT CODE 84 |

| | | |
|-----------|-------------------------------|----------|
| 3000 | 1/2" THRU 1-1/2" GEAR WIDTH = | 2500 PSI |
| | 1-3/4" THRU 2" GEAR WIDTH = | 2250 PSI |
| 3100/2100 | 1/2" THRU 1-1/2" GEAR WIDTH = | 3000 PSI |
| | 1-3/4" THRU 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