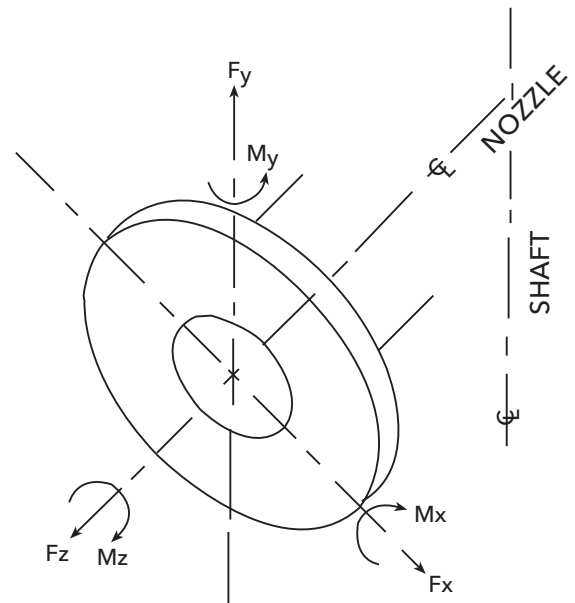


Fabricated heads

200.C.07A (Effective June 1, 2006)



Standard allowable flange forces and moments for vertical turbine pumps commercial design only.

| Flange Size | Fx and Fy | | Fz | | Mx and My | | Mz | |
|-------------|-----------|-----|------|-----|-----------|------|-------|------|
| | lb | Kg | lb | Kg | ft-lb | Nm | ft-lb | Nm |
| 3 | 155 | 70 | 310 | 141 | 390 | 529 | 780 | 1058 |
| 4 | 210 | 95 | 420 | 191 | 530 | 719 | 1060 | 1437 |
| 6 | 340 | 154 | 680 | 308 | 850 | 1152 | 1700 | 2305 |
| 8 | 570 | 259 | 1140 | 517 | 1425 | 1932 | 2850 | 3864 |
| 10 | 700 | 318 | 1400 | 635 | 1750 | 2373 | 3500 | 4743 |
| 12 | 750 | 340 | 1500 | 680 | 1875 | 2542 | 3750 | 5084 |
| 14 | 800 | 363 | 1600 | 726 | 2000 | 2712 | 4000 | 5423 |
| 16 | 850 | 386 | 1700 | 771 | 2125 | 2881 | 4250 | 5762 |
| 18 | 900 | 408 | 1800 | 816 | 2250 | 3051 | 4500 | 6101 |
| 20 | 937 | 425 | 1875 | 850 | 2345 | 3179 | 4687 | 6355 |
| 24 | 1050 | 476 | 2100 | 953 | 2625 | 3559 | 5250 | 7118 |

Consult factory when flange requirement is greater, for ratings on all AP1610 and non-commercial heads; and for cast iron heads.

VIT – Discharge heads 3 in. (76 mm.) through 24 in. (610 mm.) with 150 lbs. (68 kg.) flanges.

VIT – Discharge heads 3 in. (76 mm.) through 12 in. (305 mm.) with 300 lbs. (136 kg.) flanges.

VIC – Discharge heads 3 in. (76 mm.) through 24 in. (610 mm.) with 150 lbs. (68 kg.) flanges.

VIC – Discharge heads 3 in. (76 mm.) through 8 in. (203 mm.) with 300 lbs. (136 kg.) flanges and 150 lb. suction flanges only.

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