

# Housing strength

## PNP Series

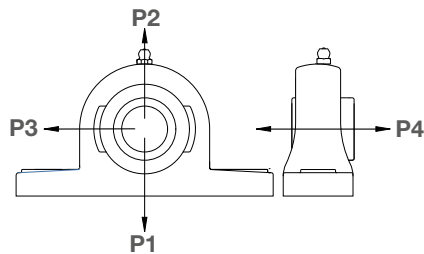


Table 1 PNP Silver-Lube® pillow block - housing load capacity

| RHP designation | Maximum housing load (N) at 20°C |                     |                  |                       |                     |                  |                       |                     |                  |                       |                     |                  | Max. fixing bolt torque (Nm) |
|-----------------|----------------------------------|---------------------|------------------|-----------------------|---------------------|------------------|-----------------------|---------------------|------------------|-----------------------|---------------------|------------------|------------------------------|
|                 | P1                               |                     |                  | P2                    |                     |                  | P3                    |                     |                  | P4                    |                     |                  |                              |
|                 | Inter-mittent loading            | Continu-ous loading | Cyclical loading | Inter-mittent loading | Continu-ous loading | Cyclical loading | Inter-mittent loading | Continu-ous loading | Cyclical loading | Inter-mittent loading | Continu-ous loading | Cyclical loading |                              |
| PNP20CR         | 3500                             | 1700                | 800              | 2800                  | 1400                | 800              | 2600                  | 1300                | 700              | 1300                  | 700                 | 400              | 18                           |
| PNP¾CR          | 3500                             | 1700                | 800              | 2800                  | 1400                | 800              | 2600                  | 1300                | 700              | 1300                  | 700                 | 400              | 18                           |
| PNP25CR         | 4000                             | 2000                | 1000             | 3100                  | 1500                | 800              | 2600                  | 1300                | 700              | 1700                  | 900                 | 500              | 25                           |
| PNP1CR          | 4000                             | 2000                | 1000             | 3100                  | 1500                | 800              | 2600                  | 1300                | 700              | 1700                  | 900                 | 500              | 25                           |
| PNP30CR         | 5000                             | 2500                | 1200             | 3500                  | 1800                | 1000             | 4000                  | 2000                | 1100             | 2600                  | 1300                | 700              | 30                           |
| PNP1¾CR         | 5000                             | 2500                | 1200             | 3500                  | 1800                | 1000             | 4000                  | 2000                | 1100             | 2600                  | 1300                | 700              | 30                           |
| PNP1¼RCR        | 5000                             | 2500                | 1200             | 3500                  | 1800                | 1000             | 4000                  | 2000                | 1100             | 2600                  | 1300                | 700              | 30                           |
| PNP35CR         | 6000                             | 3000                | 1500             | 4300                  | 2100                | 1200             | 4100                  | 2100                | 1100             | 3200                  | 1600                | 900              | 35                           |
| PNP1½CR         | 6000                             | 3000                | 1500             | 4300                  | 2100                | 1200             | 4100                  | 2100                | 1100             | 3200                  | 1600                | 900              | 35                           |
| PNP1¾CR         | 6000                             | 3000                | 1500             | 4300                  | 2100                | 1200             | 4100                  | 2100                | 1100             | 3200                  | 1600                | 900              | 35                           |
| PNP40CR         | 10700                            | 5300                | 2900             | 8000                  | 4000                | 2200             | 6800                  | 3400                | 1900             | 5200                  | 2600                | 1400             | 40                           |
| PNP1½CR         | 10700                            | 5300                | 2900             | 8000                  | 4000                | 2200             | 6800                  | 3400                | 1900             | 5200                  | 2600                | 1400             | 40                           |

Table 2 PSF Silver-Lube® four-bolt flange - housing load capacity

| RHP designation | Maximum housing load (N) at 20°C |                     |                  |                       |                     |                  | Max. fixing bolt torque (Nm) |
|-----------------|----------------------------------|---------------------|------------------|-----------------------|---------------------|------------------|------------------------------|
|                 | F1                               |                     |                  | F2                    |                     |                  |                              |
|                 | Inter-mittent loading            | Contin-uous loading | Cyclical loading | Inter-mittent loading | Contin-uous loading | Cyclical loading |                              |
| PSF20CR         | 3100                             | 1600                | 900              | 1300                  | 700                 | 400              | 18                           |
| PSF¾CR          | 3100                             | 1600                | 900              | 1300                  | 700                 | 400              | 18                           |
| PSF25CR         | 3500                             | 1700                | 1000             | 1300                  | 700                 | 400              | 25                           |
| PSF1CR          | 3500                             | 1700                | 1000             | 1300                  | 700                 | 400              | 25                           |
| PSF30CR         | 4600                             | 2300                | 1300             | 2200                  | 1100                | 600              | 30                           |
| PSF1¾CR         | 4600                             | 2300                | 1300             | 2200                  | 1100                | 600              | 30                           |
| PSF1¼RCR        | 4600                             | 2300                | 1300             | 2200                  | 1100                | 600              | 30                           |
| PSF35CR         | 6200                             | 3100                | 1700             | 2600                  | 1300                | 700              | 35                           |
| PSF1¼CR         | 6200                             | 3100                | 1700             | 2600                  | 1300                | 700              | 35                           |
| PSF1¾CR         | 6200                             | 3100                | 1700             | 2600                  | 1300                | 700              | 35                           |
| PSF40CR         | 6200                             | 3100                | 1700             | 4000                  | 2000                | 1100             | 40                           |
| PSF1½CR         | 6200                             | 3100                | 1700             | 4000                  | 2000                | 1100             | 40                           |

## PSF Series

