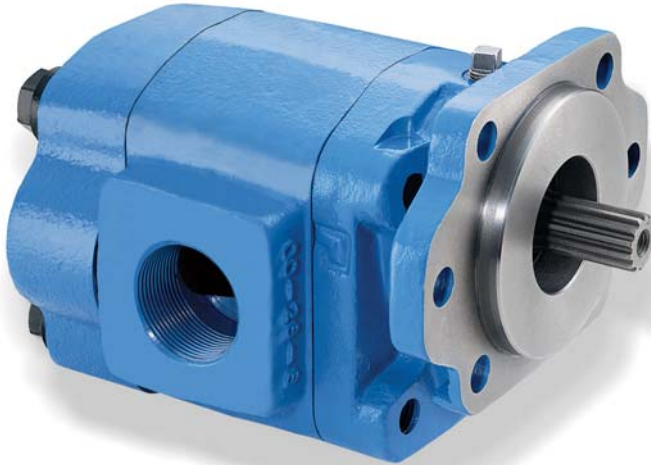




P5151 SERIES

PUMPS AND MOTORS



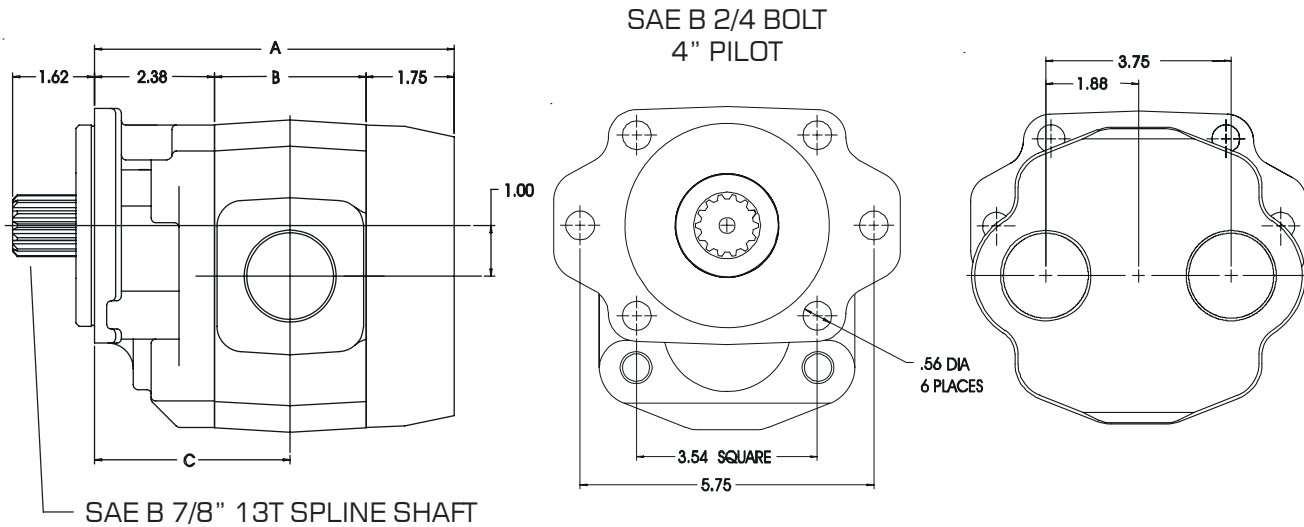
5151 SERIES FEATURES

- ❑ Dual Ported - Standard 1-1/2" NPT rear ports and up to 1-1/2" NPT side ports
- ❑ Pressure balanced wear plates maintain high pump efficiency throughout all operating ranges
- ❑ Bi-Rotational Pump/Motor designed to fit a wide variety of applications
- ❑ Doweled and high strength cast iron construction
- ❑ High strength alloy steel gear and shaft sets
- ❑ Standard SAE "B" 2 & 4 Bolt mounting flange
- ❑ Standard SAE "B" Spline Output Shaft
- ❑ Cubic inch displacements from 4.50 through 7.07
- ❑ Working pressure up to 3000 PSI
- ❑ Speeds up to 3000 RPM
- ❑ Porting, mounting, and shaft options available
- ❑ 100% factory tested



The Sensible Choice

Dimensional Data (inches)



Product Information

| Type II (shown above) | A | B | C | Displ. Cu. In. | Theo. GPM 1000 RPM | Avg. GPM 1000 RPM | NPT Ports | | Max RPM# | Peak PSI |
|--------------------------|------|------|------|-------------------|-----------------------|----------------------|-----------|-------|-------------|-------------|
| | | | | | | | Side | Rear | | |
| (P)5151A224AAXK17-54 | 6.63 | 2.50 | 3.63 | 4.50 | 19 | 17.5 | 1-1/4 | 1-1/2 | 3000 | 3000 |
| (P)5151A224AAXK20-54 | 6.88 | 2.75 | 3.75 | 5.15 | 23 | 19.5 | 1-1/4 | 1-1/2 | 3000 | 3000 |
| (P)5151A224AAXQ22-54 | 7.13 | 3.00 | 3.88 | 5.70 | 25 | 21.0 | 1-1/2 | 1-1/2 | 3000 | 3000 |
| (P)5151A224AAXQ25-54 | 7.38 | 3.25 | 4.00 | 6.43 | 27 | 23.5 | 1-1/2 | 1-1/2 | 3000 | 3000 |
| (P)5151A224AAXQ27-54 | 7.63 | 3.50 | 4.12 | 7.07 | 30 | 26.4 | 1-1/2 | 1-1/2 | 2400 | 2500 |

(P) for Pump (M) for Motor
Maximun Inlet Vacuum 5 In. Hg.

| Type I* | A | B | C | Displ. Cu. In. | Theo. GPM 1000 RPM | Avg. GPM 1000 RPM | NPT Ports | | Max RPM# | Peak PSI |
|-----------------------|------|------|------|-------------------|-----------------------|----------------------|-----------|-------|-------------|-------------|
| | | | | | | | Side | Rear | | |
| (P)5151A***AAXK17-14* | 7.63 | 2.50 | 4.63 | 4.50 | 19 | 17.5 | 1-1/4 | 1-1/2 | 3000 | 3000 |
| (P)5151A***AAXK20-14* | 7.88 | 2.75 | 4.75 | 5.15 | 23 | 19.5 | 1-1/4 | 1-1/2 | 3000 | 3000 |
| (P)5151A***AAXQ22-14* | 8.13 | 3.00 | 4.88 | 5.70 | 25 | 21.0 | 1-1/2 | 1-1/2 | 3000 | 3000 |
| (P)5151A***AAXQ25-14* | 8.38 | 3.25 | 5.00 | 6.43 | 27 | 23.5 | 1-1/2 | 1-1/2 | 3000 | 3000 |
| (P)5151A***AAXQ27-14* | 8.63 | 3.50 | 5.12 | 7.07 | 30 | 26.4 | 1-1/2 | 1-1/2 | 2400 | 2500 |

(P) for Pump (M) for Motor
* Consult the Design Engineer's Handbook or the Permco Code Books for more details
and options for Type I Shaft End Covers and Shafts.
Maximun Inlet Vacuum 5 In. Hg.

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