

Oil Piston Pumps

PANTHER® HP 3:1 Pumps

Panther® HP 3:1 Pump Description

The Panther® HP 3:1 ratio double acting pump is engineered for outstanding performance and reliability to dispense lubricating oils and similar products up to SAE 90. Pride Series pumps are manufactured with a mechanical air valve and piston design which is more forgiving to environments with contaminated air.

The 3:1 version is a medium pressure pump for supplying higher volume than the 5:1 version but at lower operating pressures ideal for medium pumping distances and overall flow rates of 4-5 gpm.

Panther® HP 3:1 Models Available

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|--------------------------|-----------------|---|
| ☐ | 1130-015 | 3:1 Bare carbon Steel stub pump |
| ☐ | 1130-017 | 3:1 Bare carbon Steel stub pump, flange mount |
| ☐ | 1130-020 | 3:1 Bare carbon Steel pump with bung adapter |

Panther® HP 3:1 Pump Specifications

- 3.1. Pump will have a 3:1 ratio
- 3.2. Pump will have a 2.5" (63.5 mm) effective diameter displacement air motor valve-in-piston design
- 3.3. Pump will have an air inlet port of 1/4" NPT (F)
- 3.4. Pump will have a fluid inlet port of 1" NPT (F) and 1 1/2" NPT (M)
- 3.5. Pump will have a fluid outlet port of 3/4" NPT (F)
- 3.6. Pump will have a free flow of 8 gal/m (30 l/m) based on 100 psi (7 bar)
- 3.7. Pump will have an operating air pressure of 10-150 psi (.7-10 bar)
- 3.8. Pump will have an air consumption pressure at 100 psi (7 bar) & 4 gal/m (15 l/m) of 19.70 SCFM
- 3.9. Pump will have a maximum fluid stall pressure of 490 psi (33.7 bar)
- 3.10. Pump will not exceed 34 cycles per gallon

Materials

- 4.1. Steel, Nickel Plated Steel, Stainless Steel, Aluminum, Ultrathane, Buna-N™, and Nylon.

Warranty

- 5.1. The Panther® HP 3:1 pump will have a 1-year standard warranty on defects in materials and workmanship only.