

Oil Piston Pumps

PANTHER® HP 5:1 Pumps

Panther® HP 5:1 Pump Description

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

Panther® HP 5:1 Models Available

- ☐ **1130-016** 5:1 Bare carbon Steel stub pump
- ☐ **1130-018** 5:1 Bare carbon Steel stub pump, flange mount
- ☐ **1130-021** 5:1 Bare carbon Steel pump with bung adapter

Panther® HP 5:1 Pump Specifications

- 3.1. Pump will have a 5:1 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 will of 1" NPT (F) and 1 1/2" NPT (M)
- 3.5. Pump will have a fluid outlet port of 1/2" NPT (F)
- 3.6. Pump will have a free flow of 6 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) & 3 gal/m (11 l/m) of 24.8 SCFM
- 3.9. Pump will have a maximum fluid stall pressure of 760 psi (52 bar)
- 3.10. Pump will not exceed 57 cycles per gallon

Materials

- 4.1. The wetted materials will consist of Steel, Nickel Plated Steel, Stainless Steel, Aluminum, Ultrathane, Buna-N™, and Nylon

Warranty

- 5.1. The Panther® HP 5:1 pump will have a 1-year standard warranty on defects in materials and workmanship only.