

Oil Piston Pumps

TIGER® HP 6:1 Pumps

Tiger® HP 6:1 Pump Description

The Tiger® HP 6:1 ratio double acting pump is engineered for outstanding performance and reliability to dispense lubricating oils and similar products up to SAE 90. Tiger® is the largest of the Pride series pumps. Pride series pumps are manufactured with a mechanical air valve and piston design which is more forgiving to environments with contaminated air.

The 6:1 version is a medium pressure pump for supplying higher pressures and longer pumping distances.

The larger 3.2" air motor makes this pump ideal for larger users who need higher flow rates and slower pump cycle rates.

Tiger® HP 6:1 Models Available

- ☐ **1130-019** 6:1 Bare carbon Steel stub pump
- ☐ **1130-025** 6:1 Bare carbon Steel stub pump, flange mount
- ☐ **1130-026** 6:1 Bare carbon Steel stub pump with bung adapter
- ☐ **1160-007** 6:1 Bare stainless Steel stub pump

Tiger® HP 6:1 Pump Specifications

- 3.1. Pump will have a 6:1 ratio
- 3.2. Pump will have a 3.2" (81 mm) effective diameter displacement air motor valve-in-piston design
- 3.3. Pump will have an air inlet port will of 3/8" 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 16 gal/m (61 l/m) based on 100 psi (7 bar)
- 3.7. Pump will have an operating air pressure of 40-150 psi (3-10 bar)
- 3.8. Pump will have an air consumption pressure at 100 psi (7 bar) & 8 gal/m (30 l/m) of 59 SCFM
- 3.9. Pump will have a maximum fluid stall pressure of 870 psi (60 bar)
- 3.10. Pump will not exceed 31 cycles per gallon

Materials

The wetted materials will consist of:

- 4.1. 1130-019, 1130-025 & 1130-026 Carbon Steel, Buna-N™, Stainless Steel, Aluminum, and Ultrathane®.
- 4.2. 1160-007 Stainless Steel and Viton®

Warranty

- 5.1. The Tiger® HP 6:1 pump will have a 1-year standard warranty on defects in materials and workmanship only.