

Grease Piston Pumps

Lion™ 450 70:1 Pump

Lion™ 450 70:1 Pump Description

Designed for very cold environments and/or applications where only medium pressure air is available to power the pump which could limit the performance and application of greasing. This pump can be used with a follower plate system, combined with a gravity inductor system, or a double post RAM for simultaneous dispense or higher flow applications.

Lion™ 450 70:1 Pump Models Available

- ☐ **1450-006** Lion™ 450 70:1 grease 120 lb drum pump
- ☐ **1450-005** Lion™ 450 70:1 grease 400 lb drum pump
- ☐ **1450-007** Lion™ 450 70:1 grease bulk tote pump

Lion™ 450 70:1 Pump Specifications

- 3.1. Pump will have a 70:1 ratio
- 3.2. Pump will have a 4.5" (115 mm) effective diameter displacement air motor
- 3.3. Pump will have an air inlet port of 1/2" NPT(F)
- 3.4. Pump will have a fluid outlet port of 1/2" NPT(F)
- 3.5. Pump will have a free flow of 16 lb/min (7.25 kg/min) based on 100 psi (7 bar)
- 3.6. Pump will have an operating air pressure of 30 - 100 psi (1.38 - 7 bar)
- 3.7. Pump will have an air consumption pressure of 32.6 cfm (925 NI/min)
- 3.8. Pump will not exceed 17 cycles per pound
- 3.9. Pump will have a continuous duty flow rate of 5 lb/min (2 kg/min)
- 3.10. Pump will have a max fluid stall pressure of 7,000 psi (490 bar)
- 3.11. Pump will have an air motor stroke of 4" (100 mm)

Materials

- 4.1. The wetted materials will consist of Cast Iron, Steel, Hard Chromed Steel, UHMWPE, Buna-N™ and PTFE

Warranty

- 5.1. The Lion™ 450 70:1 pump will have a 1-year standard warranty on defects in materials and workmanship only.