

Grease Piston Pumps

Lion™ 450 40:1 Pump

Lion™ 450 40:1 Pump Description

Designed for medium volume applications that require higher flow and pressure delivery. This pump can be used with a follower plate system, combined with a gravity inductor system, or a double post RAM for simultaneous dispense, and higher flow applications.

Lion™ 450 40:1 Pump Models Available

- ☐ **1450-003** Lion™ 450 40:1 grease 120 lb drum pump
- ☐ **1450-002** Lion™ 450 40:1 grease 400 lb drum pump
- ☐ **1450-004** Lion™ 450 40:1 grease bulk tote pump

Lion™ 450 40:1 Pump Specifications

- 3.1. Pump will have a 40:1 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 24 lb/min (11 kg/min) based on 100 psi (7 bar)
- 3.6. Pump will have an operating air pressure of 30 - 200 psi (1.38- 14 bar)
- 3.7. Pump will have an air consumption pressure of 26.5 cfm (750 NI/min)
- 3.8. Pump will not exceed 10 cycles per pound
- 3.9. Pump will have a continuous duty flow rate of 8 lb/min (3.5 kg/min)
- 3.10. Pump will have a max fluid stall pressure of 8,000 psi (560 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 40:1 pump will have a 1-year standard warranty on defects in materials and workmanship only.