

Lion™ 450 - 6:1 Pump Description

Medium pressure pump for oil systems where high volume dispensing using simultaneous dispense points is required.

Medium/high pressure pump is recommended for longer pumping distances.

Lion™ 450 - 6:1 Pump Models Available

- ☐ 1430-002 Lion™ 450 6:1 stub pump

Lion™ 450 - 6:1 Pump Specifications

- 3.1. Pump will have a 6:1 ratio
- 3.2. Pump will have a 4.5" (115 mm) effective diameter displacement air motor valve-in-piston design
- 3.3. Pump will have an air inlet port of 1/2" NPT (F)
- 3.4. Pump will have a fluid inlet port of 1 1/2" NPT (F)
- 3.5. Pump will have a fluid outlet port of 3/4" NPT (F)
- 3.6. Pump will have a free flow of 26 gal/min (98 l/min) based on 100 psi (7 bar)
- 3.7. Pump will have an operating air pressure of 30 to 180 psi (2 to 12.4 bar)
- 3.8. Pump will have an air consumption pressure at 75 psi (5 bar) & 29 cfm (830 NI/min)
- 3.9. Pump will not exceed 11 cycles per gallon
- 3.10. Pump will have a max fluid outlet pressure of 1,020 psi (72 bar)
- 3.11. Pump will have an air motor stroke of 4" (100 mm)
- 3.12. Pump will have a delivery rate of 7 gal/min (25 l/min) at 80 cpm

Materials

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

Warranty

- 5.1. The Lion 450 6:1 pump will have a 1-year standard warranty on defects in materials and workmanship only.