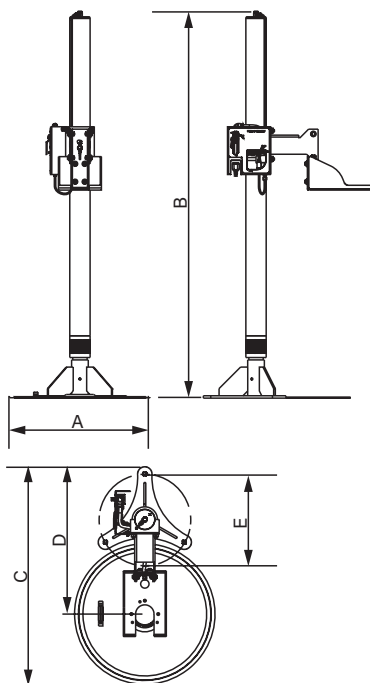


Grease Piston Pumps Lion™ Inductor

1



| DIMENSIONS INCHES (MM) | | | | |
|------------------------|--|--------------------|--------------------|-----------------|
| A | B LOWERED/ RAISED | C | D | E |
| 23.25" (588 mm) | 58" (1470 mm) 94.5" (2400 mm) | 35.75" (910 mm) | 24.03" (617 mm) | 15" (381 mm) |

Fluids & Applications

Lion™ 450 and Lion™ 600 grease pumps are used with 400 lb drums in applications where higher volumes of grease are required. The air operated pump hoist lifts and lowers the pump, making drum changes easier, faster and safer. The pumps lower end is rigidly fixed to a follower plate with a single rubber lip. The weight of the pump, pump bracket and follower plate plus atmospheric pressure push the assembly against the grease eliminating channeling and air pockets, keeping grease free from contaminants, minimizing waste and aiding pump priming.

Fluids

- Grease NLGI-2

Applications

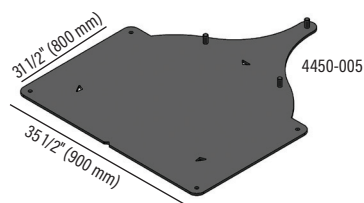
- High volume grease applications such as fifth wheel
- Medium/large volume vehicle maintenance shops
- Grease transfer
- In-plant grease supply

| TECHNICAL DATA | |
|------------------------------------|------------------|
| Diameter of the pneumatic cylinder | 3" (75 mm) |
| Stroke of the pneumatic cylinder | 36.6" (930 mm) |
| Minimum height of equipment | 58" (1,470 mm) |
| Maximum height of equipment | 94.5" (2,400 mm) |
| Air inlet | 1/2" NPT(M) |
| Maximum air pressure | 116 psi (8 bar) |
| Service Bulletin | SB 4228 |

Warning! Do not use any Lion™ 450/600 series products with flammable fluids.

Verify fluid compatibility with MSDS sheets.

Contact Balcrank for pumping grease higher than NLGI-2 and specific system design performance technical data.



| MODELS AVAILABLE | DESCRIPTION |
|------------------|--|
| 1451-004 | Package, Lion™ 450, 40:1 Inductor Includes: 1450-002 Lion™ 450, 40:1 pump 4450-003 Inductor, Gravity, Pump Lift & follower plate |
| 1451-005 | Package, Lion™ 450, 70:1 Inductor Includes: 1450-005 Lion™ 450, 70:1 pump 4450-003 Inductor, Gravity, Pump Lift & follower plate |
| 1451-006 | Package, Lion™ 600, 80:1 Inductor Includes: 1450-008 Lion™ 600, 80:1 pump 4450-003 Inductor, Gravity, Pump Lift & follower plate |
| 4450-005 | Base plate for pump hoist & inductor |
| 4450-003 | Inductor, Gravity, Pump Lift & follower plate |