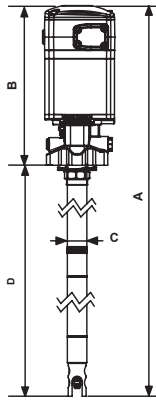


Lion™ 350 60:1

Pumps
Piston



DIMENSIONS INCHES (MM)			
1450-013			
A	B	C	D
31.5" (803 mm)	11.25" (287 mm)	1.66" (35 mm)	20.25" (516 mm)
1450-012			
40" (1,017 mm)	11.25" (287 mm)	1.66" (35 mm)	28.75" (730 mm)
1450-011			
47.75" (1,212 mm)	11.25" (287 mm)	1.66" (35 mm)	36.5" (925 mm)

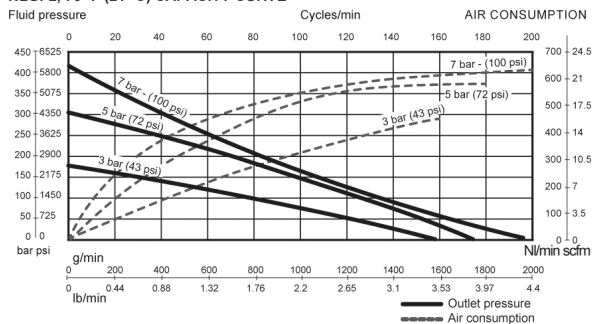
Fluids

- Grease up to NLGI-2

Applications

- Agriculture/farm implements
- Small auto/truck shops
- Tire & transmission shops
- In-plant low volume use
- Mining and construction
- Truck fleets
- Railroad/Mass transit
- Lube trucks
- Marine

NLGI-2, 70 °F (21 °C) CAPACITY CURVE



Overview

Designed for 35, 120 and 400 lb. containers. Ideal for the users that need reliable grease delivery and medium length systems that have multiple dispense points. This Lion grease pump delivers up to 4.4 lb/min (2 kg/min).

MODELS AVAILABLE	DESCRIPTION
<input type="checkbox"/> 1450-013	Lion™ 60:1 Grease 25-35 lbs
<input type="checkbox"/> 1450-012	Lion™ 60:1 Grease 120 lbs
<input type="checkbox"/> 1450-011	Lion™ 60:1 Grease 400 lbs

TECHNICAL DATA	
Pump ratio	60:1
Cycles per lb/min @ 100 psi (7 bar)	50
Operating air pressure range	20-145 psi (1.5-10 bar)
Max pump delivery @ 100 psi (7 bar)	4.4 lb/min (2 kg/min)
Pump delivery with NLGI-2, 68° F (20° C), 70 psi (5 bar) air pressure and 80 cycles per minute	1.1 lbs/min (500 g/min)
Max fluid stall pressure	8,700 psi (600 bar)
Air inlet	3/8" NPT(F)
Fluid outlet	3/8" NPT(F)
Effective Air Piston Diameter	3.15" (80 mm)
Wetted materials	Cast Iron, Hard chromed steel, Steel, UHMWPE, NBR, PTFE, Viton®
Service Bulletin	SB 1153

Warning! Do not use any Lion™ 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.