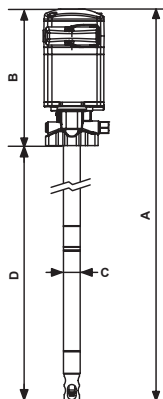


# Grease Piston Pumps Lion™ 350 60:1 Pumps



Dimensions inches (MM)			
1450-013			
A	B	C	D
31.6" (803 mm)	11.25" (287 mm)	1.66" (35 mm)	20.3" (516 mm)
1450-012			
40" (1017 mm)	11.25" (287 mm)	1.66" (35 mm)	28.7" (730 mm)
1450-011			
47.7" (1,212 mm)	11.25" (287 mm)	1.66" (35 mm)	36.4" (925 mm)

## Grease up to NLGI-2

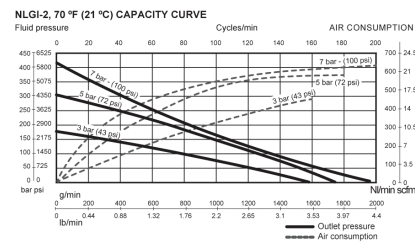
Designed for 35 lb, 120, and 400 lb. containers. Ideal for the users that need reliable grease delivery and medium length systems that have multiple dispense points. This Lion grease pump delivers up to 4.4 lb (2 kg) per minute.

### Applications

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

TECHNICAL DATA	
Pump ratio	60:1
Cycles per lb/min @ 100 psi (7 bar) free flow	50
Operating air pressure range	20-145 psi (1.5-10 bar)
Max pump delivery	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

MODELS AVAILABLE	DESCRIPTION
<b>1450-013</b>	Lion™ 60:1 Grease 25-35 lbs
<b>1450-012</b>	Lion™ 60:1 Grease 120 lbs
<b>1450-011</b>	Lion™ 60:1 Grease 400 lbs



**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.