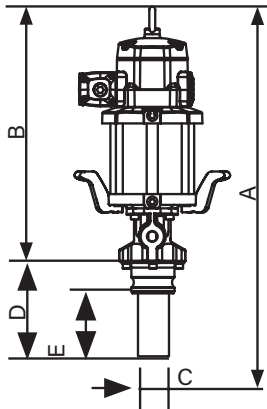


# Grease Piston Pumps

## Lion™ 600 12:1 Pump



Dimensions inches (MM)				
A	B	C	D	E
29" (742 mm)	20" (516 mm)	2.75" (70 mm)	9" (226 mm)	5.75" (146 mm)

## Grease up to NLGI-2

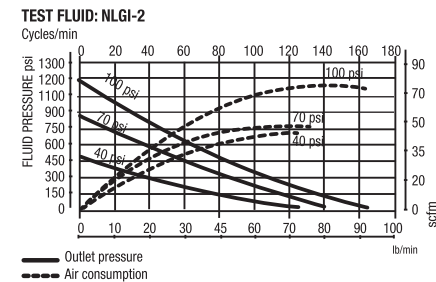
Medium pressure grease pump for very high volume applications. Bulk transfer of grease from large containers to drums or pails, lube trucks or other transfer applications at high delivery rates. Pump comes with a 3" cam-lock for easy installation into grease totes.

### Applications

- Mining and construction
- Railroad/mass transit
- In-plant grease transfer

TECHNICAL DATA	
Pump ratio	12:1
Continuous duty flow rate	33 lb/min (15 kg/min)
Cycles per lb	2
Maximum free flow	88 lb/min (40 kg/min)
Operating air pressure	30 - 100 psi (1.38 - 7 bar)
Maximum fluid stall pressure	1,200 psi (84 bar)
Air motor effective diameter	6" (150 mm)
Air motor stroke	4" (100 mm)
Air consumption <sup>(1)</sup>	39 CFM (1.100 NI/min)
Air inlet	1/2" NPT(F)
Fluid outlet	1" NPT(F)
Wetted materials	Cast Iron, Steel, Hard Chromed Steel, UHMWPE, Buna-N™, PTFE, and Polyurethane
Noise level <sup>(2)</sup>	80 dB
Service bulletin	SB 1142

MODELS AVAILABLE	DESCRIPTION
1450-010	Lion™ 600 12:1 grease bulk tote pump



(1) Air consumption at 5 bar air pressure, NLGI-0 grease at 20° C and 80 cpm.  
(2) Noise level measured at 1 m from the pump, 7 bar air pressure and free delivery.  
**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.