

LD Series 3:1 Pump

Air-Powered Oil Pumps and Packages

Features and Benefits

- Built-in thermal relief protects your equipment from thermal expansion
- Three inch air motor provides more power to create better flow
- Cup and plate design eliminates the need for O-rings that wear out faster

Typical Applications

- Lubricant transfer
- Automotive dealerships
- Fast lube centers
- Service shops
- Lube trucks

Typical Fluids Handled

- Petroleum- and synthetic-based oils

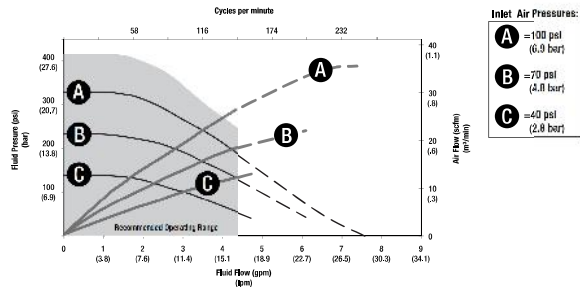
Technical Specifications

Maximum Fluid Working Pressure	450 psi (31 bar, 3.10 MPa)
Fluid Pressure Ratio	3:1
Suction Lift (feet of oil).....	10
Air Operation Range.....	20 to 150 psi (1.37 to 10.3 bar)
Recommended Air Pressure (for optimum life).....	<125 psi (8.6 bar, 0.86 MPa)
Max Recommended Pump Speed	120 cycles per minute
Cycles Per Gallon/pound (l/kg)	29 cycles per gallon (7 cycles per liter)
Recommended Pump Speed (for maximum life)	75 cycles per minute or lower
Wetted Parts.....	Zinc plated carbon, steel, aluminum, nitrile, polyurethane, nickel plated aluminum
Sound Pressure Level.....	72.9 dB(a)
Sound Power Level	82 dB(a)
Approximate Weight.....	7 pounds (3.2 kg)
Air Inlet	1/4 in
Fluid Inlet	1 in
Fluid Outlet.....	1/2 in
Free Flow	7.8 gpm
Annual Usage	Up to 20,000 gal (76,000 l)

Ordering Information

LD Series 3:1 Pumps	
24G576	3:1 Universal Oil Pump with bung adapter (24F918)
24G579	3:1 Oil Pump with cut-to-length down tube, and bung adapter (24F918)
24G582	3:1 Oil Pump with 55 gal (200 liter) down tube and bung adapter (24F918)
24G585	3:1 Oil Pump with 275 gal (1040 liter) down tube and bung adapter (24F918)

Pump Performance



- Inlet Air Pressures:**
- A** = 100 psi (6.9 bar)
 - B** = 70 psi (4.8 bar)
 - C** = 40 psi (2.8 bar)



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