

LD Series 5:1 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

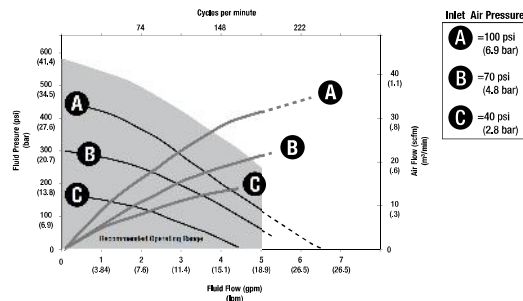
Typical Applications

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

Typical Fluids Handled

- Petroleum- and synthetic-based oils

Pump Performance



LD Series 5:1 Pump

Technical Specifications

Maximum Fluid Working Pressure	750 psi (51.7 bar, 5.17 MPa)
Fluid Pressure Ratio	5:1
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	180 cycles per minute
Cycles Per Gallon/pound (l/kg)	37 cycles per gallon (10 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	7.7 pounds (3.5 kg)
Air Inlet	1/4 in
Fluid Inlet	1 in
Fluid Outlet	1/2 in
Free Flow	6.7 gpm
Annual Usage	Up to 20,000 gal (76,000 l)

Ordering Information

LD Series 5:1 Pumps	
24G588	5:1 Universal Oil Pump with bung adapter (24F918)
24G591	5:1 Oil Pump with cut-to-length down tube and bung adapter (24F918)
24G594	5:1 Oil Pump with 55 gal (200 liter) down tube and bung adapter (24F918)
24G597	5:1 Oil Pump with 275 gal (1040 liter) down tube and bung adapter (24F918)