



**5 Year  
Warranty!**

## Used for Low-Volume Transfer of Petroleum-Base Lubricants

This air-operated piston pump is ideal for pumping petroleum and synthetic-based oils and provides a continuous duty flow rate of up to 5 gpm.



### High-Quality Air Motor

Differential air motor ensures smooth pumping.

### Fewer Repairs

In-line design with fewer moving parts in the air motor assembly means less downtime and low repair cost.

### Reliable Fluid Flow

Double-acting pump provides reliable fluid flow.

### Durable

Rated for continuous duty in challenging applications.

Oil Pumps and Packages

### Typical Applications

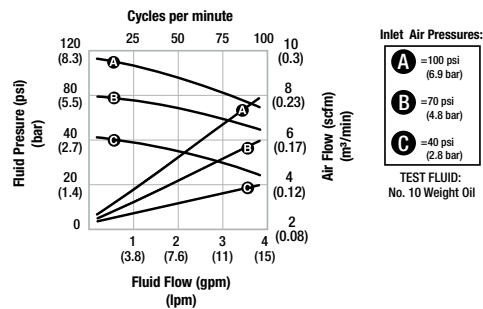
- Automotive dealerships
- Fast lube centers
- Service shops
- Heavy-duty dealerships
- Fleet services facilities
- In-plant
- Lube trucks
- Mining

### Typical Fluids Handled

- Petroleum- and synthetic-based oils (motor, gear and ATF)

### Pump Performance

#### Fast-Ball 1:1 Pumps



# Fast-Ball 1:1 Oil Pumps

## Technical Specifications

Fluid Pressure Ratio	1:1
Air Motor Effective Diameter	1.4 in (35.6 mm)
Maximum Fluid Working Pressure	180 psi (12.5 bar / 1.25 MPa)
Approximate Free Flow Rate @ 100 psi	5 gal/min (19 liters/min)
Output per Cycle	151 cc
Approximate Air Use and Flow @ 100 psi (80 cpm)	7 scfm @ 3.1 gpm (0.20 m <sup>3</sup> /min @ 11.7 lpm)
Air Inlet	1/4 in NPT(F)
Fluid Inlet	1-1/2 in NPT(F)
Fluid Outlet	3/4 in NPT(F)
Air Operation Range	40 psi to 180 psi (2.8 bar to 12.4 bar)
Maximum Recommended Pump Speed	100 cpm
Cycles per Gallon	25 cpg
Cycles per Liter	6.6 cpl
Wetted Parts	CS, polyurethane
Sound Pressure Level	74.9 dB(A)
Sound Power Level	83.5 dB(A)
Approximate Weight	8 lb to 14 lb (3 kg to 7 kg)
Instruction Manual	307906

## Ordering Information

### Pumps



Pump Number	222103	222104	222051
Ratio	1:1	1:1	1:1
Type of Package	Bung-mounted	Bung-mounted	Universal
Container Size	55 gal (200 l)	275 gal (1,040 l)	Universal
Bung Adapter	222308	222308	—
Instruction Manual	307906	307906	307906

### Pump Packages



Package Number	222602	239702
Ratio	1:1	1:1
Type of Package	Non-metered dispense	Metered dispense
Container Size	55 gal (200 l)	55 gal (200 l)
Pump	222103	222103
Dispense Kit	218115	239703
Regulator Assembly	218316	218316
Hose	109125	—
Hose Length	6 ft (1.8 m)	—
Bung Adapter	222308	222308
Instruction Manual	307637	307637