

Fast-Ball® 1:1

Air-Powered Oil Pumps and Packages

Features and Benefits

- In-line design with fewer parts for less pump wear
- Differential air motor ensures smooth pumping
- Double-acting pump provides reliable fluid flow

Typical Applications

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

Typical Fluids Handled

- Petroleum- and synthetic-based oils

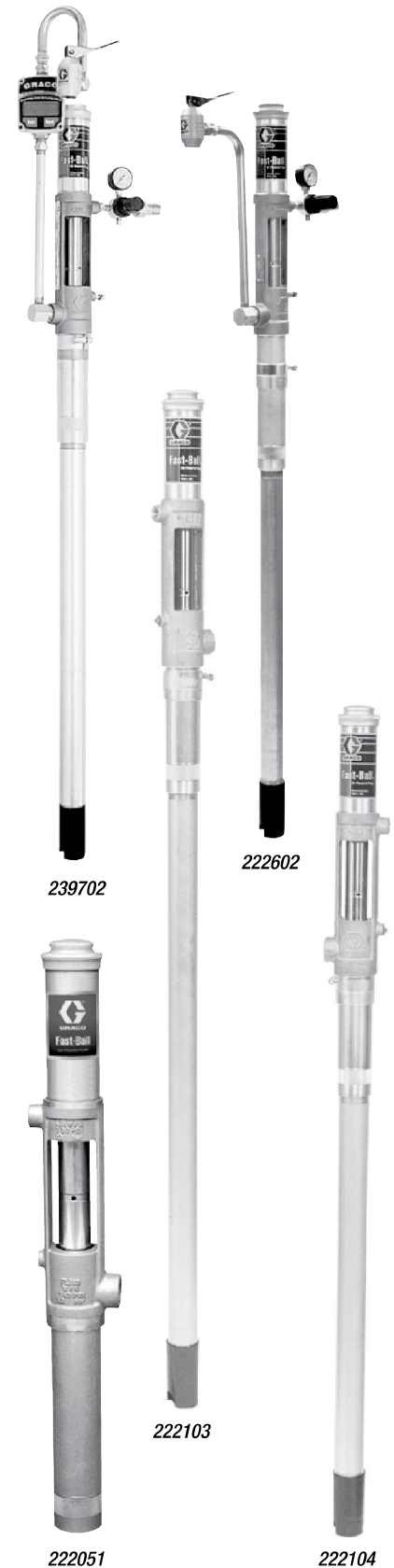
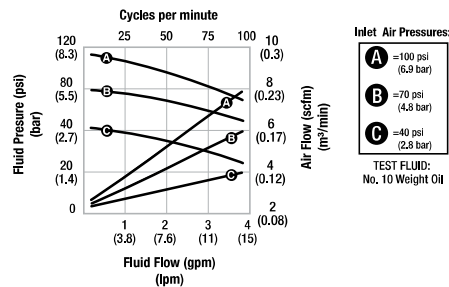
Technical Specifications

Cycles per Gallon.....	10 (45.5 liters)
Fluid Flow gal/min @ 80 cpm	5 (19 liters)
Maximum Fluid Pressure	180 psi (12.5 bar)
Air Motor Effective Diameter.....	1.4 in (35.6 mm)
Air Operating Range	40-180 psi (2.7-12.5 bar)
Approx. Air Use and Flow @ 100 psi and 80 cpm	5 scfm
Wetted Materials	CS, Polyurethane
Air Inlet Port Size	1/4 in npt(f)
Fluid Inlet Port Size.....	1-1/2 in npt(f)
Fluid Outlet Port Size.....	3/4 in npt(f)
Line Length ‡	Up to 100 ft (30.5 m)
Dispense Points	1 (not recommended with hose reel)
Annual Usage	Up to 5,000 gal (19,000 l)
Typical Applications	Continuous duty, maintenance facility dispensing motor oil, automatic transmission fluid, hydraulic fluid

Ordering Information

Package	Non-Metered Dispense	U.S./Metric Metered Dispense	Bung-Mounted	Bung-Mounted	Universal
Container Size	55 gal (200 l)		275 gal (1040 l)		Universal
Package No.	222602	239702	222103	222104	222051
Pump	222103		222104		222051
Dispense Kit	218115	239703	—	—	—
Regulator Assembly	218316		—	—	—
Hose	109125	—	—	—	—
Hose Length	6 ft (1.8 m)	—	—	—	—
Bung Adapter	222308		—		—
Instruction Manual	307637		307906		—

Pump Performance



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‡ Consult your local authorized Graco representative for line or pipe sizing