



Bulldog 10:1 Stubby Pump

- **Pressure output capacity of 1000 psi (7.0 MPa, 70 bar)**
- **Excellent abrasion and corrosion resistance using Graco Severe Duty™ wear parts**
- **Divorced air motor eliminates fluid and fume contamination, reducing maintenance**
- **Air and fluid regulators, filters, and other accessories available**

**Reliable
medium
pressure 2-ball
supply pump**

Graco's Bulldog 10:1 is designed to meet medium pressure requirements for low to medium viscosity materials. The Bulldog 10:1 is a durable and economical low pressure pump for light to medium viscosity materials like solventborne protective coatings, waterborne coatings, adhesives and sealants, and water (cleaning applications). The pump is driven by the reliable Bulldog air motor, which is life tested to 10,000,000 cycles. There are thousands of satisfied customers using these pumps worldwide.

Typical Fluids Handled

- Solventborne paints and coatings
- Waterborne paints and coatings
- Adhesives and sealants
- Water

Typical Applications

- Circulation of paints and coatings for air spray and air assisted airless spray applications
- Cleaning



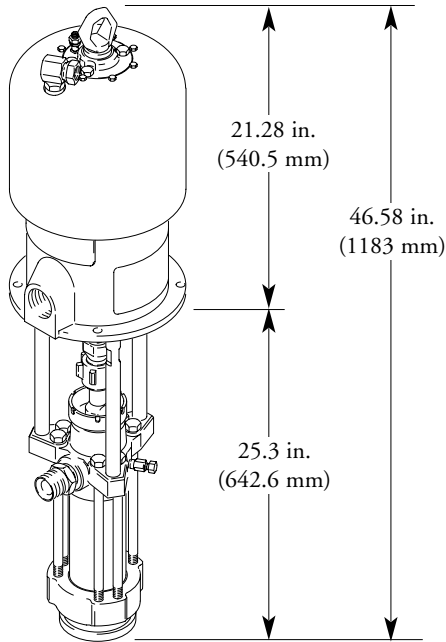
222-826

COMPONENTS

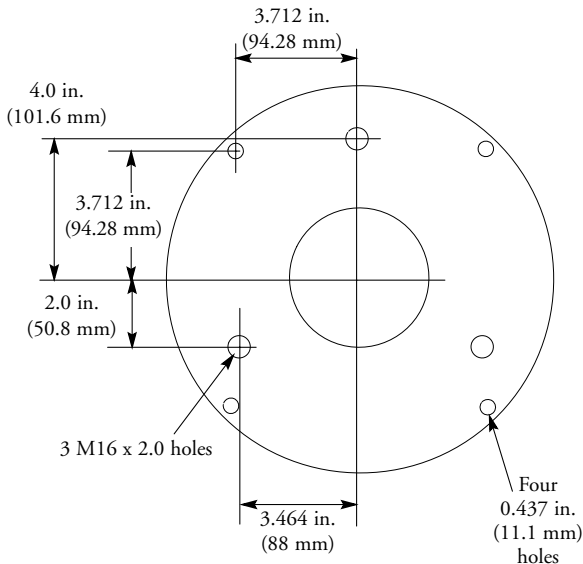
Technical Specifications

- Maximum working pressure 1000 psi (7 MPa, 70 bar)
- Max. Air input pressure 100 psi (0.7 MPa, 7 bar)
- Fluid Flow at 60 cpm 9.2 gpm (34.8 lpm)
- Volume per cycle 19.6 oz. (0.58 liter)
- Air inlet 3/4 npsm(f)
- Fluid inlet size 2 npt(f)
- Fluid outlet size 1-1/2 npt(m)
- Weight 134 lb (61 kg)
- Instruction manuals
 - Carbon steel models 308-151
 - Stainless steel models 308-152

Dimensions

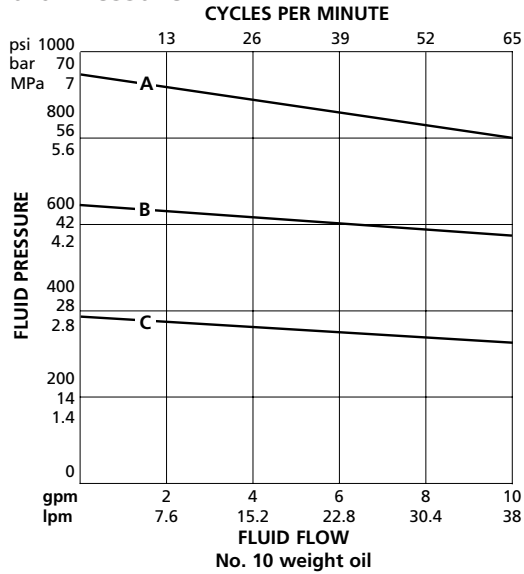


Mounting Hole Layout

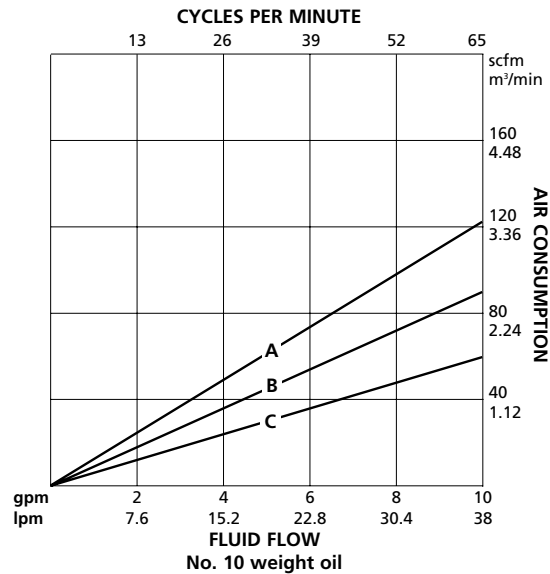


Performance Chart for Bulldog 10:1 High-Flo Pump

Fluid Pressure



Air Consumption



Air Pressures:
 A = 100 psi (0.7 MPa, 7 bar)
 B = 70 psi (0.48 MPa, 4.8 bar)
 C = 40 psi (0.28 MPa, 2.8 bar)

Ordering Information for Bulldog 10:1 Stubby Pump

Order number includes motor and pump lower assembly

Order Nos.	222-824	222-826	222-825	222-827
Pump Lower				
Part No.	222-801	222-801	222-803	222-803
Construction	CS	CS	SST	SST
Standard Seal Repair Kits	222-879	222-879	222-875	222-875
Construction	Leather/Teflon®	Leather/Teflon	UHMWPE/Teflon	UHMWPE/Teflon
Optional Seal Conversion Kits	222-875	222-875	222-880	222-880
	UHMWPE/Teflon	UHMWPE/Teflon	UHMWPE/Teflon*	UHMWPE/Teflon*
	222-878	222-878		
	UHMWPE/Leather	UHMWPE/Leather		
Motor				
Repair Kit	215-906	206-734	215-906	206-734

SERVICE PARTS INFORMATION

Pump Lower Part Nos.	222-801	222-801	222-803	222-803
Displacement Rod	184-002	184-002	184-002	184-002
Construction	SST	SST	SST	SST
Cylinder	184-003	184-003	184-003	184-003
Construction	SST	SST	SST	SST
Intake Valve (order separate part numbers)				
Intake Ball	102-974	102-974	110-294	110-294
Intake Valve Seat	184-275	184-275	184-390	184-390
Piston Valve (order separate part numbers)				
Piston Ball	108-001	108-001	109-220	109-220
Seat	222-802	222-802	222-802	222-802
Ball Guide	184-297	184-297	184-297	184-297

Teflon® is a registered trademark of Du Pont.

*Carbin-filled Teflon.

Accessories

107-141 Bleed-Type Master Air Valve

Maximum working pressure: 300 psi (2.1 MPa, 21 bar). Inlet: 3/4 npt(m); outlet: 3/4 npt(f)

106-150 Air Line Filter

Maximum working pressure: 250 psi (1.8 MPa, 18 bar). Inlet and outlet: 3/4 npt(f)

214-849 Air Line Lubricator

Maximum working pressure: 250 psi (1.8 MPa, 18 bar). Inlet and outlet: 3/4 npt(f)

224-040 Pump Runaway Valve

Maximum working pressure: 120 psi (0.84 MPa, 8.4 bar). Inlet and outlet: 3/4 npt(f). Includes optional 90° 3/4 npsm swivel outlet fitting.

207-651 Air Pressure Regulator Kits

Max. working pressure: 300 psi (2.1 MPa, 21 bar)

Grounded Buna-N Air Hose

Maximum working pressure: 175 psi (1.2 MPa, 12 bar)

ID: 3/4 in. (19 mm); thread size 3/4 npt(m)

208-610 Length: 6 ft. (1.8 m)

205-548 Length: 15 ft. (4.5 m)

208-611 Length: 25 ft. (7.6 m)

208-612 Length: 50 ft. (15.2 m)

237-569 Ground Wire and Clamp

Length: 25 ft. (7.6 m)

Ball Valve, SST

Maximum working pressure: 2000 psi (14 MPa, 140 bar)

512-482 1/4 npt(fbe)

512-483 3/8 npt(fbe)

512-484 1/2 npt(fbe)

Graco Throat Seal Liquid

206-995 1 quart (0.95 liter)

206-996 1 gallon (3.8 liter)

207-995 Red Alert Fluid Filter, Aluminum

Maximum working pressure: 3000 psi (21 MPa, 210 bar).

Maximum recommended flow rate: 20 gpm (7.6 lpm).

Inlet and outlet: 1-1/4 npt(f).

Red Alert Filter Screens, SST

108-111 30 mesh (595 micron)

108-112 60 mesh (250 micron)

108-113 100 mesh (149 micron)

108-115 150 mesh (112 micron)

108-114 200 mesh (75 micron)

207-278 Fluid Accumulator, SST

Maximum working pressure: 1500 psi (10 MPa, 102 bar).

Inlet: 1/2 npt(m); outlet 3/8 npt(f).

231-414 SST Drum Agitator Package

Includes heavy duty agitator, siphon kit, cover and elevator.

206-221 Wall Bracket, Painted

Viscon² SST Fluid Heater

220-522 120V

220-523 240V

220-524 480V