



GRACO
First choice when
quality counts.™

Bulldog 5:1 Drum Pump

- **Pressure output capacity of 500 psi (3.4 MPa, 34 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**

Graco's Bulldog 5:1 is designed to meet low pressure requirements for low to medium viscosity materials. A durable and economical low pressure pump, the Bulldog 5:1 is built for light to medium viscosity materials like solventborne coatings, waterborne coatings, 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.

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

Typical Fluids Handled

- Solventborne paints and coatings
- Waterborne paints and coatings
- Water

Typical Applications

- Circulation of paints and coatings
- Cleaning



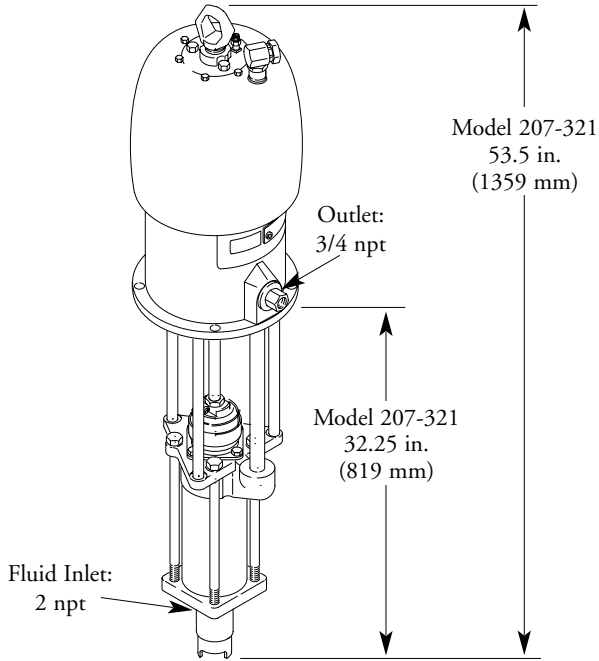
COMPONENTS

221-104

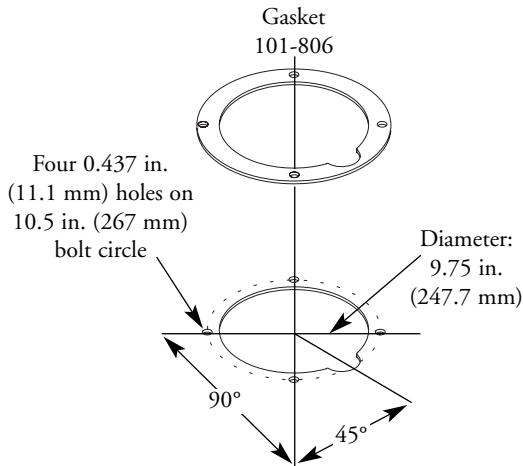
Technical Specifications

- Maximum working pressure 500 psi (3.4 MPa, 34 bar)
- Max. air input pressure 100 psi (0.7 MPa, 7 bar)
- Fluid flow at 60 cpm 15 gpm (56.7 lpm)
- Volume per cycle 32 oz. (0.95 liter)
- Air inlet size 3/4 npt(f)
- Weight 98 lb (44 kg)
- Instruction manual 306-818

Dimensions

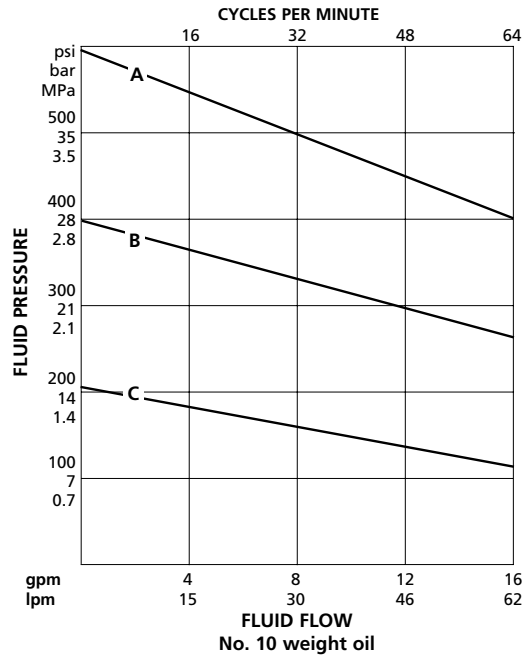


Mounting Hole Layout

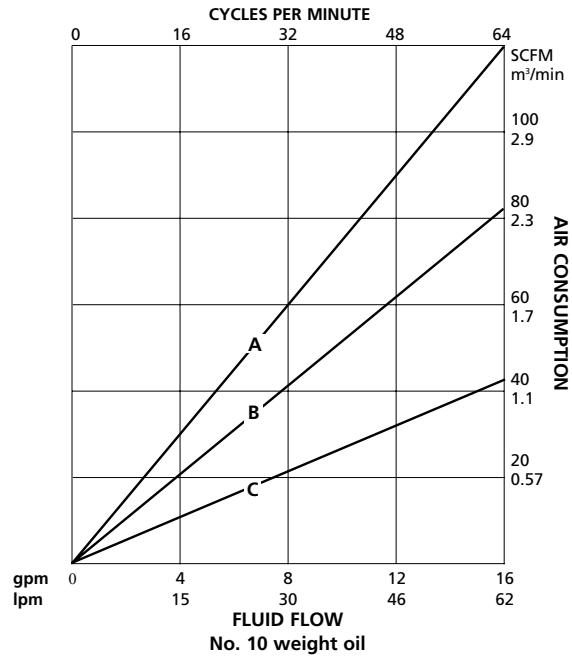


Performance Chart for Bulldog 5:1 Pump

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 5:1 Drum Pump

Order number includes motor and pump lower assembly

| Order Nos. | 207-321 | 215-881 |
|---------------------------|----------------|----------------|
| Pump Lower | | |
| Part No. | 206-452 | 206-453 |
| Construction | SST | SST |
| Standard Seal Repair Kits | 206-931 | 207-349 |
| Construction | Rubber | Teflon® |
| Motor | | |
| Repair Kit | 206-734 | 215-906 |

SERVICE PARTS INFORMATION

| Pump Lower Part Nos. | 206-452 | 206-453 |
|---|----------------|----------------|
| Displacement Rod | 206-451 | 206-451 |
| Construction | SST | SST |
| Cylinder | 166-067 | 166-067 |
| Construction | SST | SST |
| Intake Valve (order separate part numbers) | | |
| Intake Valve Plate | 166-066 | 166-066 |
| Intake Valve Seat | 166-068 | 166-068 |
| Piston Valve (order separate part numbers) | | |
| Piston Valve Plate | 166-065 | 166-065 |
| Seat | 166-063 | 166-063 |

Teflon® is a registered trademark of Du Pont.

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 use 90° 3/4 npsm swivel outlet fitting.

207-651 Air Pressure Regulator Installation Kit

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)

Ball Valve, CS

Maximum working pressure: 500 psi (3.4 MPa, 34 bar)

208-390 1/4 npt(mbe)

208-393 3/8 npt(mbe)

208-391 1/4 npt(f) x 3/8 npt(m)

Ball Valve, SST

Maximum working pressure: 500 psi (3.4 MPa, 34 bar)

237-528 1/4 npt(mbe)

237-531 3/8 npt(mbe)

237-530 1/4 x 3/8 npt(mbe)

237-533 3/8 npsm(m) x 3/8 npt(m)

184-470 Fluid Outlet Reducer Fitting

Allows connection of 3/4 npt(f) hose. Required to connect Fluid Filter (214-625) directly to pump outlet.

213-063 Red Alert Fluid Filter, Aluminum

Maximum working pressure: 300 psi (2 MPa, 20.4 bar).
Maximum recommended flow rate: 20 gpm (7.5 lpm).
60 mesh. Inlet: 1-1/4 npt(f); 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)

205-123 Surge Chamber, CS

Max. working pressure: 500 psi (3.4 MPa, 34 bar)

207-278 Accumulator, SST

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

Graco Throat Seal Liquid

206-995 1 quart (0.95 liter)

206-996 1 gallon (3.8 liter)

237-309 Drum Cover, SST

237-569 Ground Wire and Clamp

Length: 25 ft. (7.6 m)

231-414 SST Drum Agitator Package

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

Viscon² SST Fluid Heater

220-522 120V

220-523 240V

220-524 480V