



First choice when
quality counts.™

Viscount® I 3000 Hydraulic-Powered Pump

- **High pressure paint supply to one airless gun**
- **Double-action pumping produces continuous, consistent delivery of spray material**
- **Long life Severe Duty™ rod and cylinder**

**High pressure
airless spray
pump
for mobile
applications**

The Viscount I 3000 hydraulic-powered pump is designed to supply paint to an airless spray gun. Full output can be obtained with a 3 gpm (11 liter/min) at 1000 psi (7 MPa, 70 bar) hydraulic oil supply. The hydraulic drive offers dependable performance in cold temperatures. The closed oil supply and return provides clean, quiet, and durable operation.

Typical Fluids Handled

- Solventborne paints
- Latex emulsion paints

Typical Applications

- Road-marking or striping
- Mobile airless spray machines
- In-plant airless paint supply



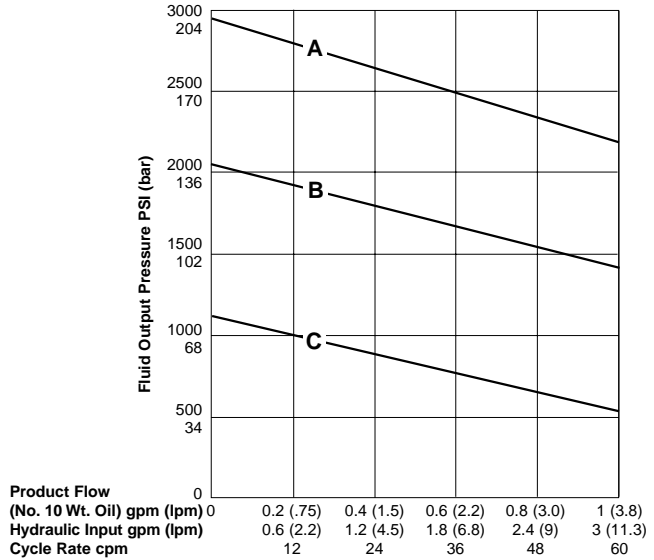
221-080

COMPONENTS

Technical Specifications

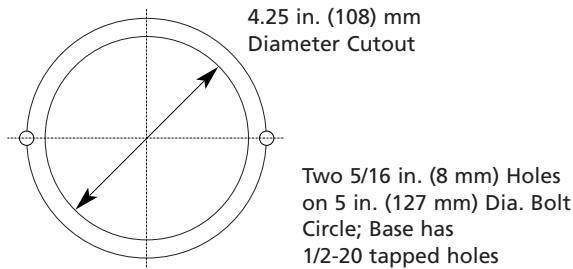
- Max. fluid output pressure . . . 3000 psi (20.6 MPa, 206 bar)
- Max. hydraulic input pressure . . . 1000 psi (7 MPa, 70 bar)
- Fluid flow at 60 cpm 1 gpm (3.8 lpm)
- Oil flow at 60 cpm 3 gpm (11 lpm)
- Hydraulic motor inlet 3/4-16 UNF-2A, 37 flare(m)
- Hydraulic motor outlet 7/8-14 UNF-2A, 37 flare(m)
- Pump fluid inlet 3/4 npt(m)
- Pump fluid outlet 3/8 npt(m)
- Max. hydraulic fluid temperature 130°F (54°C)
- Weight 37 lbs. (16 kg)
- Instruction manuals
 - Motor 307-623
 - Displacement pump 306-987

Performance Chart for Viscount I 3000

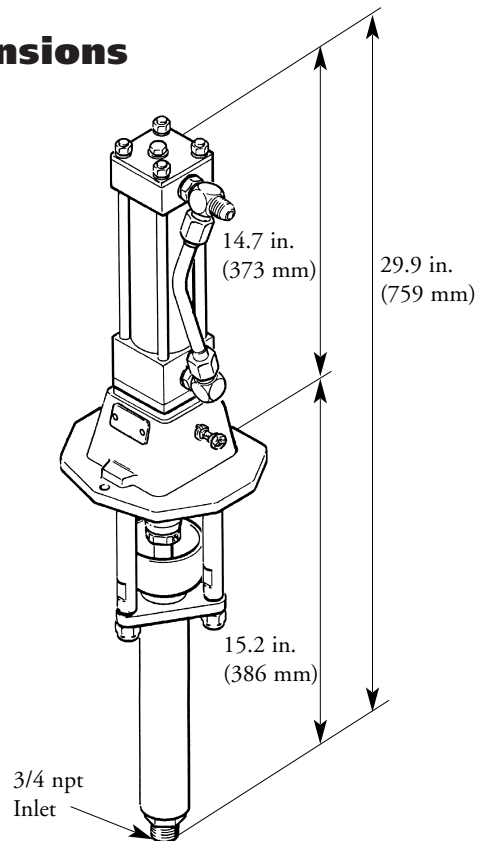


Air Pressure:
 A = 1000 psi (7 MPa, 70 bar)
 B = 700 psi (4.7 MPa, 47 bar)
 C = 400 psi (2.7 MPa, 27 bar)
 Performance tested in no. 10 weight motor oil 65 cp at 68° F (20° C)

Mounting Hole Layout



Dimensions



Ordering Information for Viscount I 3000

Order number includes motor and pump lower assembly

	Viscount I 3000
Order Nos.	221-080
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Pump Lower	
Part No.	223-587
Construction	CS
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Standard Seal Repair Kit	235-635
Construction	Leather/Teflon*
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Optional Seal Repair Kit	223-675
Construction	UHMWPE/Leather
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Motor	
218-210: Repair Kit	

SERVICE PARTS INFORMATION

Pump Lower Part Nos.	223-587
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Displacement Rod	223-589
Construction	SST
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Cylinder	207-011
Construction	CS
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Intake Valve (order separate part numbers)	
Intake Ball	112-721
Intake Valve Seat	223-593
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Piston Valve (order separate part numbers)	
Piston Ball	112-722
Seat	223-565

Teflon* is a registered trademark of Du Pont.

Accessories

Throat Seal Liquid (TSL)

Non-evaporating liquid for wet-cups.

206-995 1 qt. (0.95 liter)

206-996 1 gal. (3.8 liter)

Hydraulic Oil Supply and Return Hoses

Maximum working pressure: 1500 psi (10.4 MPa, 104 bar)

For return line

Inside diameter: 5/8 in. (1.5 cm). Coupled: 3/4 npt(m) x 7/8-14

SAE 37°F flare, 90° swivel elbow, grounded.

180-091 3 ft. (0.9 m)

180-092 6 ft. (1.9 m)

For supply line

Inside diameter: 1/2 in. (1.26 cm). Coupled 1/2 npt(m) x 3/4-16

SAE 37°F flare, 90° swivel elbow, grounded.

180-090 3 ft. (0.9 m)

180-093 6 ft. (1.9 m)

Hydraulic Shutoff Valves

Maximum working pressure: 3000 psi (20.7 MPa, 207 bar)

102-644 3/4 npt(f) for supply line

102-646 1 npt(f) for return line

Graco-approved Hydraulic Fluid

169-236 5 gal. (20 liter)

214-961 Suction Hose with Nylon Tube

For petroleum base solvent flushing and waterborne fluids. 1 in. ID x 6 ft. (2.53 cm x 1.8 m). Includes SST fittings.

214-906 Hydraulic Agitator and Drum Cover

55 gal. (200 liter) drum size

206-266 Suction Tube

55 gal. (200 liter)