



First choice when
quality counts.™

Viscount® I 1000 Hydraulic-Powered Pump

- Pressures up to 1000 psi (7 MPa, 70 bar) with 1000 psi (7 MPa, 70 bar) input oil pressure
- Double action delivery produces uniform liquid flow
- Stainless steel wetted parts with neoprene packings
- Packings available to convert lower displacement pump for compatibility with fluids containing solvents

**Viscount I 1000
for medium
viscosity
corrosive
materials**

A hydraulic-powered pump for medium-pressure supply of light to medium viscosity corrosive fluids. Pump operates at maximum hydraulic pressure of 1000 psi (7 MPa, 70 bar) and is three times more efficient than an air-powered pump.

The siphon-supply, stubby model mounts externally in the system by a wall mounting bracket or a pump mounting stand. This pump may also be used on a bulk tank or header to feed multiple spray outlets or branch lines.

Typical Fluids Handled

- Water
- Stains
- Lacquers
- Cleaning solutions

Typical Applications

- Central supply for multiple pressure cleaning guns
- Truck-mounted pressure cleaning operations
- Wood finishing operations involving stains and lacquers

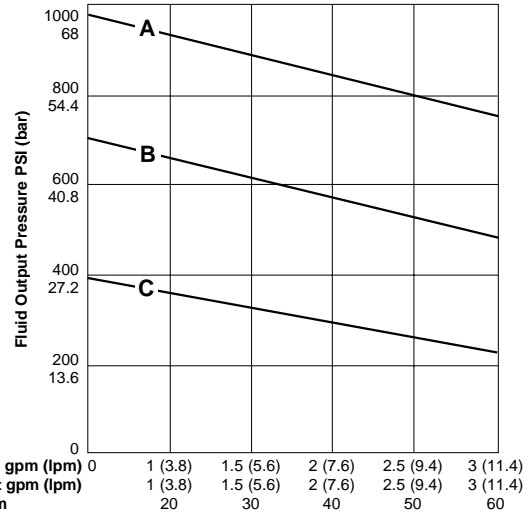


COMPONENTS

Technical Specifications

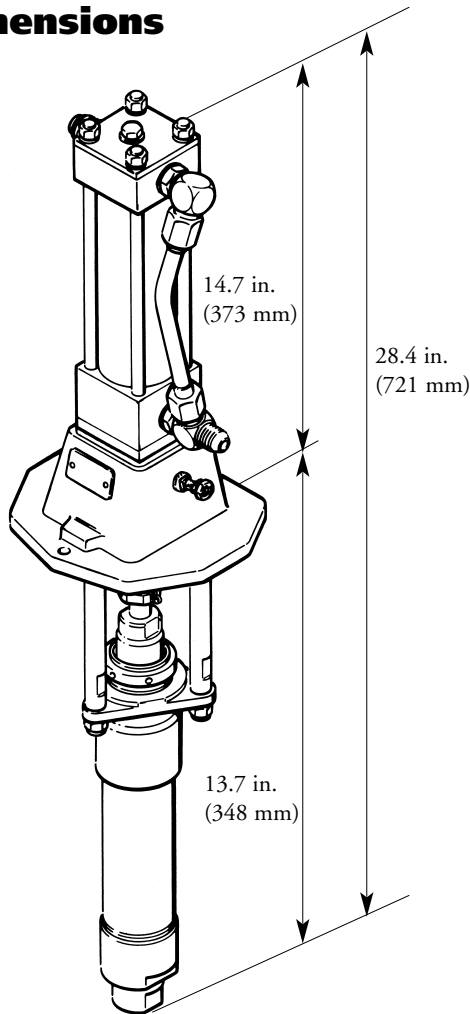
- Maximum fluid output pressure . . . 1000 psi (7 MPa, 70 bar)
- Max. hydraulic input pressure . . . 1000 psi (7 MPa, 70 bar)
- Maximum hydraulic fluid volume 3 gpm (11.7 lpm)
- Fluid delivery rate 3 gpm (11.7 lpm)
- Max. hydraulic fluid temperature 130°F (54°C)
- Cycles per gallon (per 3.8 liter) 20
- Fluid flow at 60 cpm 3 gpm (11 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)
- Weight 33 lbs. (15 kg)
- Instruction manuals
 - Motor 307-622
 - Displacement pump 308-117

Performance Chart for Viscount I 1000

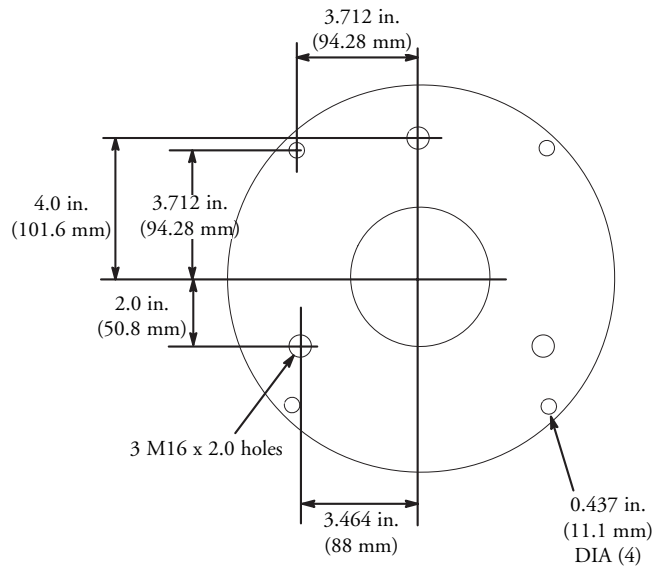


Air Pressure:
 A = 1000 psi (7 MPa, 70 bar)
 B = 700 psi (4.7 MPa, 47 bar)
 C = 400 psi (2.7 MPa, 27 bar)
 Performance tested in no. 10 weight motor oil 65 cp at 68° F (20° C)

Dimensions



Mounting Hole Layout



Ordering Information for Viscount I 1000

Order number includes motor and pump lower assembly

Order Nos.	Viscount I 1000 218-077
Pump Lower	
Part No.	224-344
Construction	SST
Standard Seal Repair Kit	224-402
Construction	UHMWPE/Neoprene
Optional Seal Repair Kit	224-404
Construction	UHMWPE/Teflon*
Motor	
218-210: Repair Kit	

SERVICE PARTS INFORMATION

Pump Lower Part Nos.	224-344
Displacement Rod	186-997
Construction	SST
Cylinder	186-994
Construction	SST
Intake Valve (order separate part numbers)	
Intake Ball	101-917
Intake Valve Seat	186-992
Piston Valve (order separate part numbers)	
Piston Ball	101-917
Seat	186-993
Ball Guide	176-644

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

Max. 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

Max. working pressure: 3000 psi (20.7 MPa, 207 bar). 3/4 npt(f)

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

102-646 1 npt(f) for return line

169-236 Graco-approved Hydraulic Fluid

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)