Van der Ende Group

Overview

PRODUCT FEATURES

Model No.: N5100 Series

- Compact design with plug-in hose connections for quick installation
- Variety of elastomers to ensure chemical compatibility
- Variable capacity from zero to the maximum flow
- No pressure relief or bypass plumbing required
- Excellent self-priming; pump may be located above the liquid level

FLOJET Industrial N5100 Series Pumps are designed for light general commercial and industrial applications. These pumps are constructed from a selection of materials for handling a broad range of chemicals.

Flojet air-operated diaphragm pumps offer excellent self-priming capability. Pumps can be located above the supply tank. A suctionside foot valve is recommended for best operation. Liquid pressure is regulated by supply air pressure. No bypass or pressure relief plumbing is necessary. Choice of EP/PP blend, Buna, or FKM elastomers provide a wide range of chemical compatibility. Quick disconnect liquid and gas port fittings provide easy installation.

Specifications

SPECIFICATIONS	N5100010A	N5100020A	N5100040A
Wetted Parts	Housing material - Acetal Copolymer	Housing material - Acetal Copolymer	Housing material - Acetal Copolymer
Flow Rate	Max up to 2 gpm (7.6 lpm)	Max up to 2 gpm (7.6 lpm)	Max up to 2 gpm (7.6 lpm)
Air Supply Pressure	20 to 80 (psi) 1.4 to 5.6 (bar)	20 to 80 (psi) 1.4 to 5.6 (bar)	20 to 80 (psi) 1.4 to 5.6 (bar)
Temperature Range	40 - 120 (°F) 4.4 - 48.9 (°C)	40 - 120 (°F) 4.4 - 48.9 (°C)	40 - 120 (°F) 4.4 - 48.9 (°C)
Self Priming	Up to 28ft (8.5m)	Up to 28ft (8.5m)	Up to 28ft (8.5m)
Port(s)	Air Inlet & Outlet 1/4" (6.3 mm) Barb Liquid Inlet 3/8" (9.5 mm) Barb Liquid Outlet 3/8" (9.5 mm) Barb.	Air Inlet & Outlet 1/4" (6.3 mm) Barb Liquid Inlet 3/8" (9.5 mm) Barb Liquid Outlet 3/8" (9.5 mm) Barb.	Air Inlet & Outlet 1/4" (6.3 mm) Barb Liquid Inlet 3/8" (9.5 mm) Barb Liquid Outlet 3/8" (9.5 mm) Barb.
Weight	0.5 Kg (kg) 1.10 (lb)	0.5 Kg (kg) 1.10 (lb)	0.5 Kg (kg) 1.10 (lb)
Diaphragm	Buna	Viton®	Santoprene®
Check Valve	Buna	Viton®	Santoprene®