

Technical Specifications

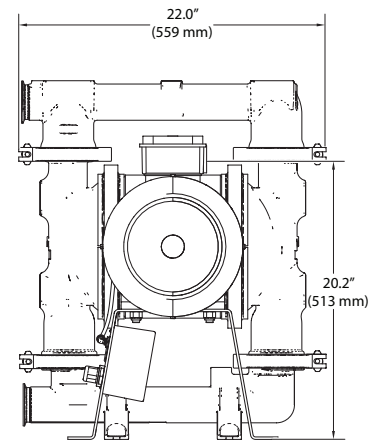
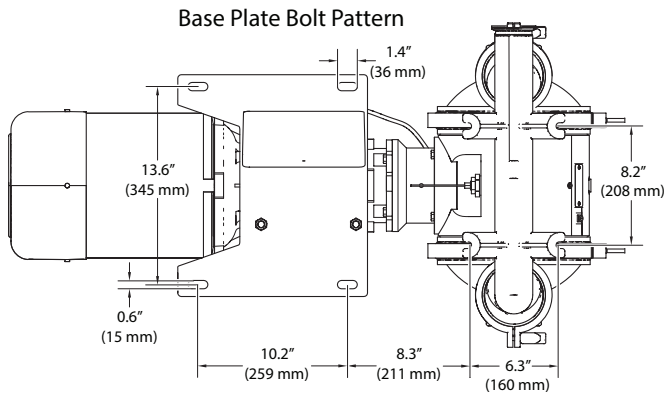
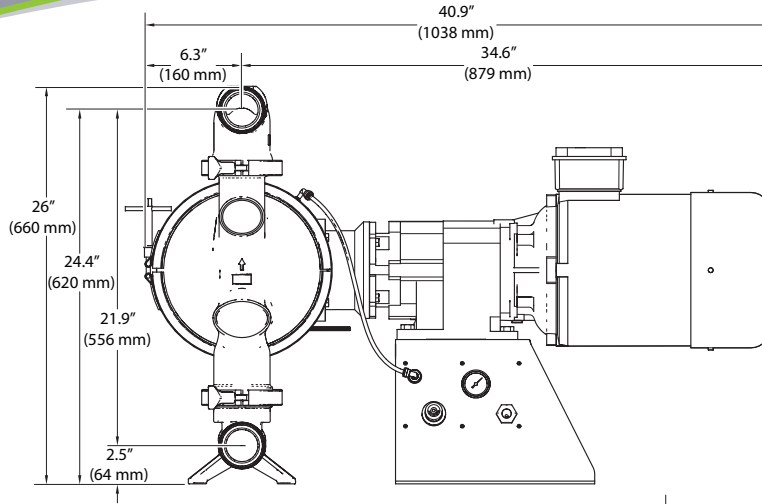
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|--|---|
| Max. Flow Rate | 100 gpm (378 L/min) |
| Fluid Displacement Per Cycle* | 0.6 gal. (2,3 L) |
| Max. Pump Speed | 160 cpm |
| Max. Fluid Working Pressure | 100 psi (6,9 bar) |
| Air Pressure Operating Range* | 20-100 psi (1,4 - 6,9 bar) |
| Max. Particulate Size (Dia.) | 1/4" (6,3 mm) |
| Max. Suction Lift | Wet 30 ft. (9,1 m) / Dry 14 ft. (4,3 m) |
| Max. Temperature | 220°F (104.4°C) |
| Elastomers/Diaphragms | PTFE |
| Center Block | 316SS |
| Fluid Section | 316SS |
| Port Configuration | Side Horizontal |
| Intake / Discharge Connection | 2.5" Tri-Clamp® |
| Air Inlet Size | 3/8" npt(f) |
| Noise Level at 60 psi (4,1 bar) | 82 dBa |
| Motor Type | AC |
| Motor Power | 7.5 HP (5,5 KW) |
| Motor Speed | 1800 RPM @ 60 Hz / 1500 RPM @ 50 Hz |
| Motor Voltage | 3 Phase 230V / 460V |
| Max. Viscosity** | 25,000 cps (mPas) |
| Shipping Weight | 442 lbs.(200 kg) |

Technical Notes:

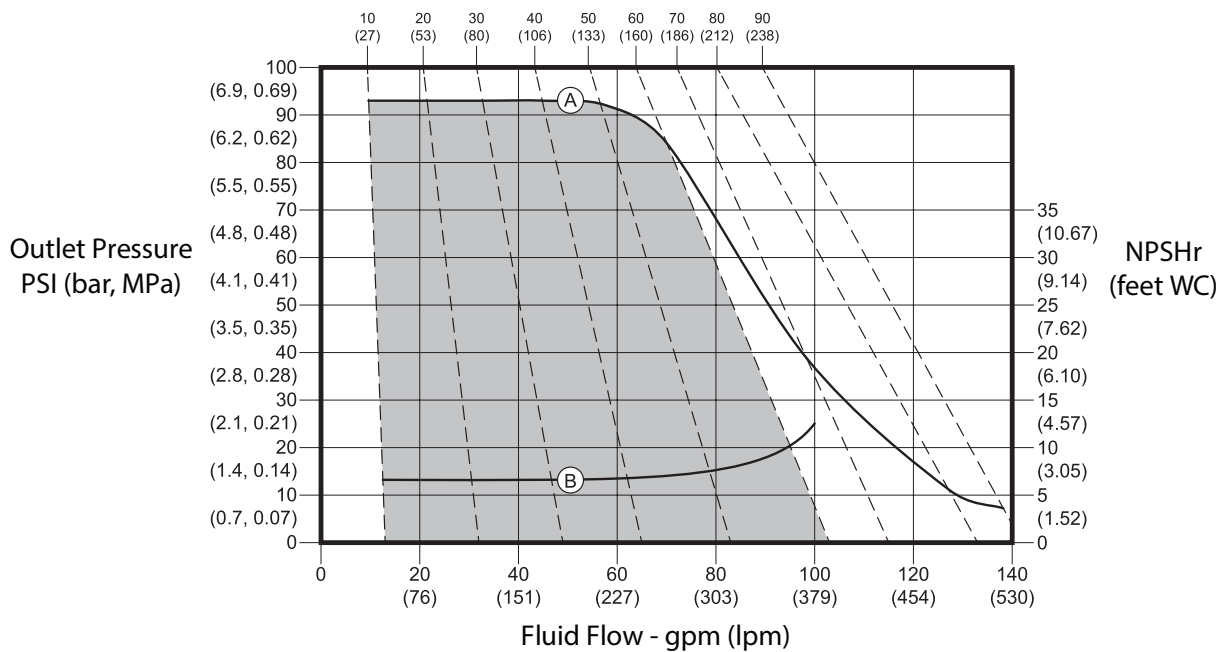
* Flow rate and displacement per cycle may vary based on suction condition, discharge head, air pressure, and fluid type.

** Viscosity range may vary due to factors such as suction condition and media composition.

All fluid contact materials are FDA-compliant and meet the United States Code of Federal Regulations (CFR) Title 21 for repeated use in food-processing machinery. The pump user must verify that the construction materials meet their specific application requirements.



Frequency - Hz (Pump Speed Cycles per Minute)



Key

A - Power Limit Curve

B - Net Positive Suction Head Required

*The shaded area is recommended for continuous duty