

## Technical Specifications

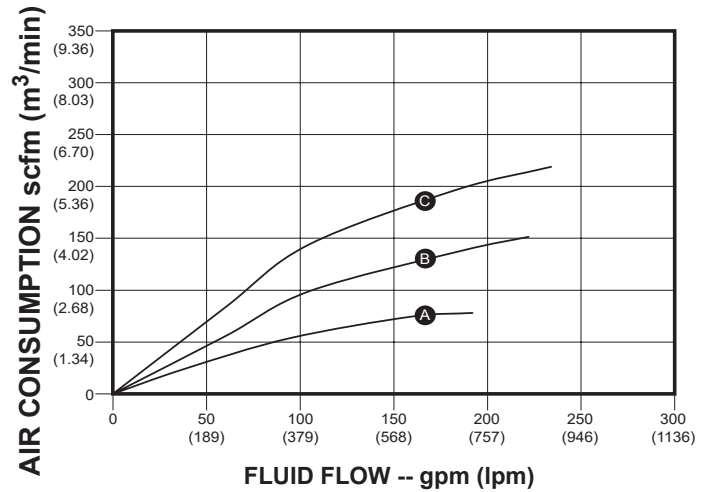
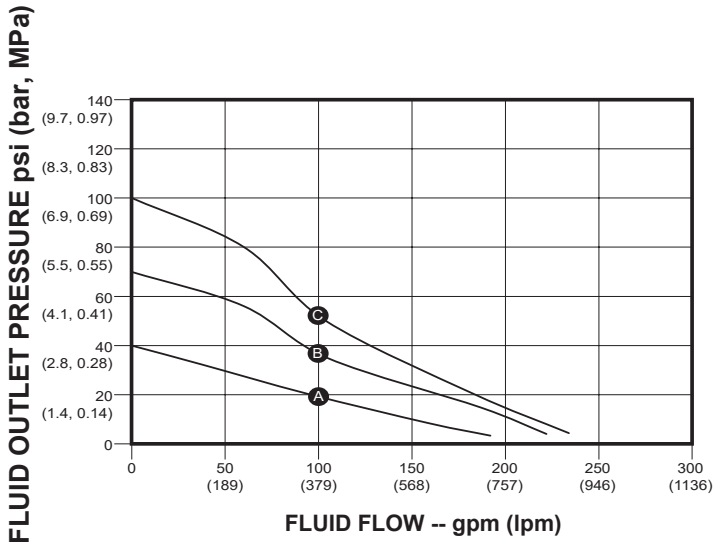
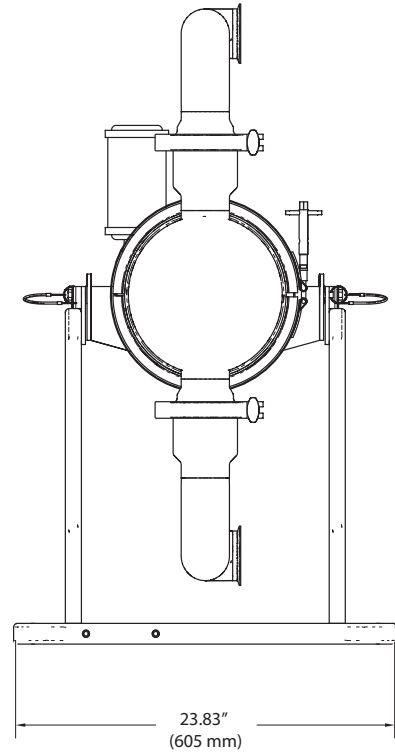
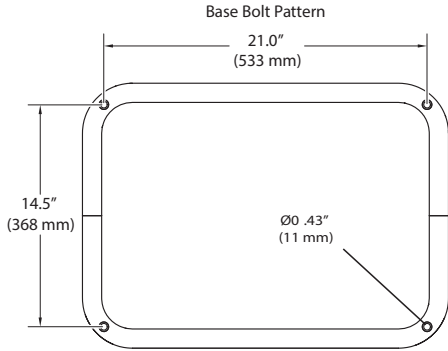
<b>Max. Flow Rate</b> .....	230 gpm (870 L/min)
<b>Fluid Displacement Per Cycle*</b> .....	1.2 gal. (4,54 L)
<b>Max. Pump Speed</b> .....	190 cpm
<b>Max. Fluid Working Pressure</b> .....	100 psi (6,9 bar)
<b>Air Pressure Operating Range*</b> .....	20-100 psi (1,4 - 6,9 bar)
<b>Max. Particulate Size (Dia.)</b> .....	3/4" (19 mm)
<b>Max. Suction Lift</b> .....	Wet 30 ft. (9,1 m) / Dry 10 ft. (3,0 m)
<b>Max. Temperature</b> .....	180°F (82.2°C)
<b>Elastomers/Diaphragms</b> .....	EPDM / Santoprene®
<b>Center Block</b> .....	316SS
<b>Fluid Section</b> .....	316SS
<b>Port Configuration</b> .....	Center Horizontal
<b>Intake / Discharge Connection</b> .....	3" Tri-Clamp®
<b>Air Inlet / Exhaust Size</b> .....	3/4" npt(f) / 1" npt(f)
<b>Noise Level at 50 psi (3,4 bar)</b> .....	91.5 dBa
<b>Max. Viscosity**</b> .....	25,000 cps (mPas)
<b>Shipping Weight</b> .....	118 lbs.(53,5 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.



**AIR PRESSURE**

C 100 psi air (7 bar, 0.7 MPa)    A 40 psi air (2.8 bar, 0.28 MPa)

B 70 psi air (4.8 bar, 0.48 MPa)

Note: Pump tested in water with inlet submerged.