

## Technical Specifications

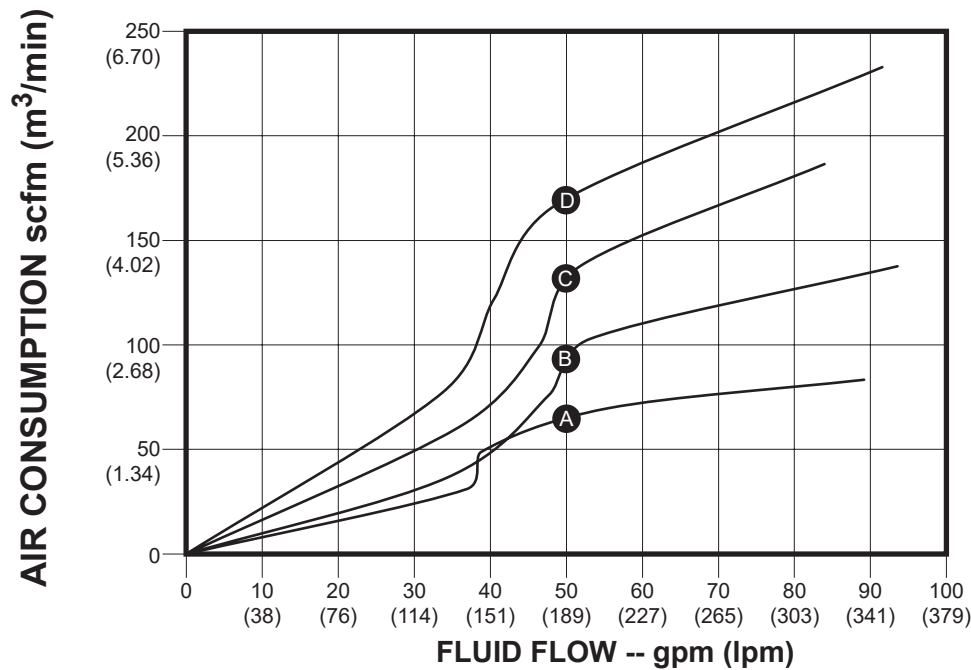
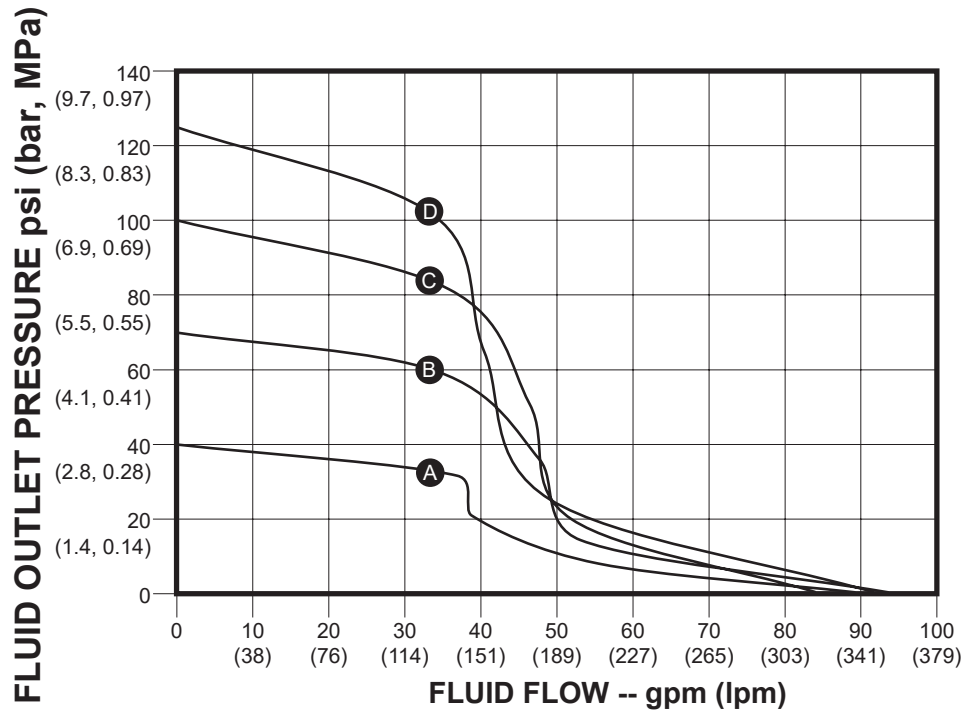
<b>Max. Flow Rate</b> .....	90 gpm (340 L/min)
<b>Fluid Displacement Per Cycle*</b> .....	0.4 gal. (1,5 L)
<b>Max. Pump Speed</b> .....	225 cpm
<b>Max. Fluid Working Pressure</b> .....	120 psi (8 bar)
<b>Air Pressure Operating Range*</b> .....	20-120 psi (1,4 - 8 bar)
<b>Max. Particulate Size (Dia.)</b> .....	3.8" (96,5 mm)
<b>Max. Suction Lift</b> .....	Wet 30 ft. (9,1 m) / Dry 5 ft. (1,5 m)
<b>Max. Temperature</b> .....	180°F (82.2°C)
<b>Elastomers/Diaphragms</b> .....	EPDM / Overmolded PTFE
<b>Center Block</b> .....	316SS
<b>Fluid Section</b> .....	316SS
<b>Port Configuration</b> .....	Center Horizontal
<b>Intake / Discharge Connection</b> .....	4" Tri-Clamp®
<b>Air Inlet / Exhaust Size</b> .....	1/2" npt(f) / 3/4" npt(f)
<b>Noise Level at 70 psi (4,8 bar)</b> .....	85 dBa
<b>Max. Viscosity**</b> .....	15,000 cps (mPas)
<b>Shipping Weight</b> .....	168 lbs.(76,2 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**

- D** 120 psi air (8.4 bar, 0.84 MPa)
- C** 100 psi air (7 bar, 0.7 MPa)
- B** 70 psi air (4.8 bar, 0.48 MPa)
- A** 40 psi air (2.8 bar, 0.28 MPa)

**Note:** Pump tested in water with inlet submerged.