

## Technical Specifications

<b>Max. Flow Rate</b> .....	16 gpm (61L/min)
<b>Fluid Displacement Per Cycle*</b> .....	0.03 gal. (0,11L)
<b>Max. Pump Speed</b> .....	500 cpm
<b>Max. Fluid Working Pressure</b> .....	100 psi (7 bar)
<b>Air Pressure Operating Range*</b> .....	20-100 psi (1,4-7 bar)
<b>Max. Particulate Size (Dia.)</b> .....	3/32" (2,4 mm)
<b>Max. Suction Lift</b> .....	Wet 25 ft. (7,6 m) / Dry 15 ft. (4,6 m)
<b>Max. Temperature</b> .....	180°F (82,2°C)
<b>Elastomers/Diaphragms</b> .....	PTFE / Santoprene®
<b>Center Block</b> .....	FDA-Compliant Polypropylene
<b>Fluid Section</b> .....	316SS
<b>Port Configuration</b> .....	Side Horizontal
<b>Intake / Discharge Connection</b> .....	1" Tri-Clamp®
<b>Air Inlet / Exhaust Size</b> .....	1/4" npt(f) / 3/8" npt(f)
<b>Noise Level at 70 psi (4,8 bar)</b> .....	78 dBA
<b>Max. Viscosity**</b> .....	10,000 cps (mPas)
<b>Shipping Weight</b> .....	23 lbs.(10 kg)

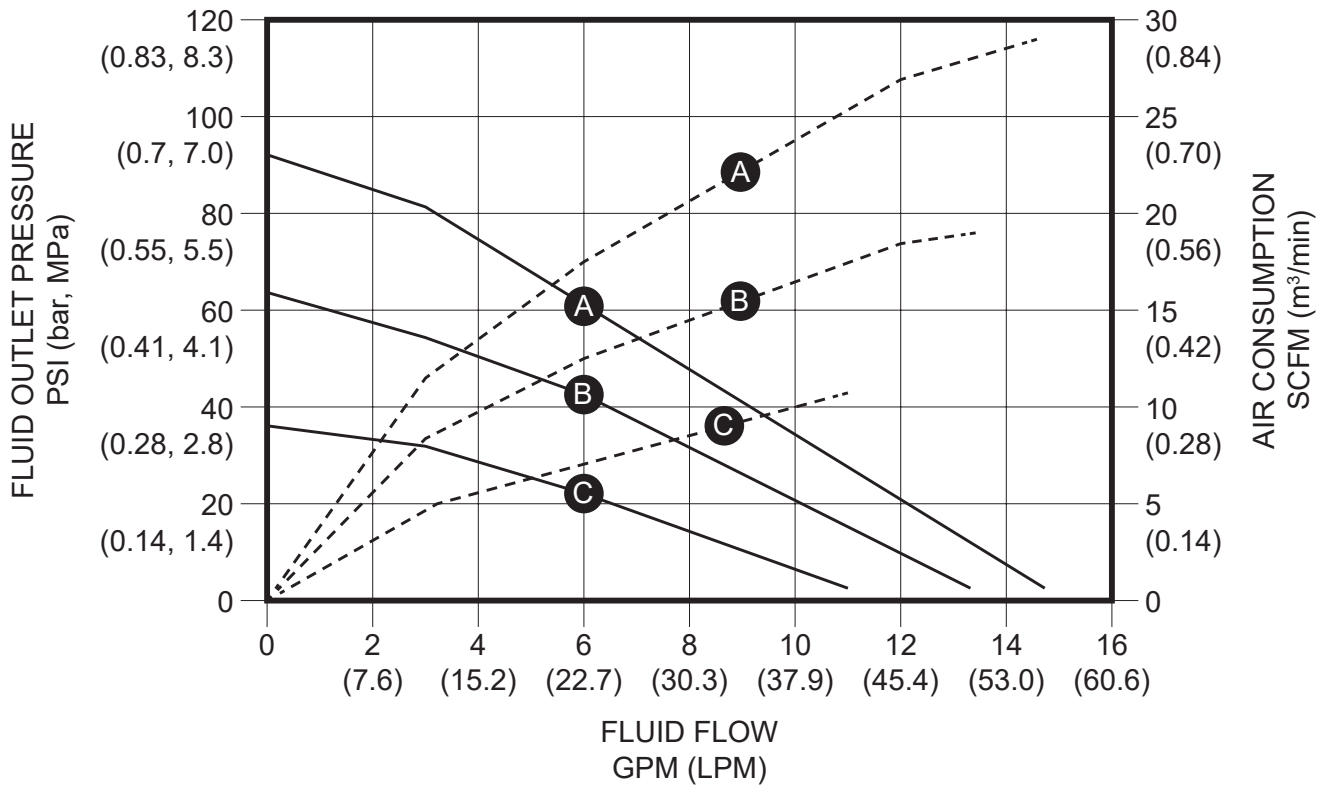
### Technical Notes:

\* 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.

Santoprene® is a registered trademark of the Monsanto Co. Santoprene® may be used only with non-fatty, non-oily foods or alcohols up to 15%.



AIR PRESSURES	LEGEND
Ⓐ = @ 100 PSI (7 bar, 0.7 MPa)	Air Consumption - - - - -
Ⓑ = @ 70 PSI (4.8 bar, 0.48 MPa)	Fluid Flow —————
Ⓒ = @ 40 PSI (2.8 bar, 0.28 MPa)	