



### Technical Specifications

<b>Max. Flow Rate</b> .....	100 gpm (378 L/min)
<b>Fluid Displacement Per Cycle*</b> .....	0.60 gal. (2,3 L)
<b>Max. Pump Speed</b> .....	160 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> .....	1/4" (6,3 mm)
<b>Max. Suction Lift</b> .....	Wet 30 ft. (9,1 m) / Dry 14 ft. (4,3 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> .....	2" Tri-Clamp®
<b>Air Inlet Size</b> .....	3/8" npt(f)
<b>Noise Level at 60 psi (4,1 bar)</b> .....	82 dBa
<b>Motor Type</b> .....	AC
<b>Motor Power</b> .....	7.5 HP (5,5 KW)
<b>Motor Speed</b> .....	1800 RPM @ 60 Hz / 1500 RPM @ 50 Hz
<b>Motor Voltage</b> .....	3 Phase 230V / 460V
<b>Max. Viscosity**</b> .....	25,000 cps (mPas)
<b>Shipping Weight</b> .....	440 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.

