



## Technical Specifications

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|--|---|
| <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.

