

## Common Applications

- Juices
- Beer
- Wine
- Pharmaceuticals
- Personal Care Products
- Cosmetic Fragrances

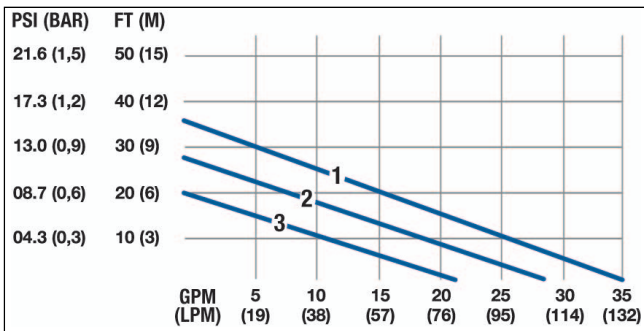
## Technical Specifications

<b>Pump Design:</b> .....	Sealless / Centrifugal
<b>Discharge:</b> .....	1 1/2 Tri-Clamp®
<b>Wetted Materials:</b> .....	SS316L, PTFE
<b>Motor Drive Options:</b> .....	110V & 220V 1 Phase, Pneumatic, Explosion Proof
<b>Maximum Viscosity: (based on motor option)</b> .....	SP-280P & SP-ENC : 1000 cps (mPas)
.....	SP-430EX & SP-440EX : 1000 cps (mPas)
.....	SP-A2 : 750 cps (mPas)
.....	SP-A1 : 450 cps (mPas)
<b>Maximum Discharge Pressure:</b> .....	SP-8600 : 16 psi (1,1 bar)
.....	SP-8700 : 40 psi (2,7 bar)
<b>Maximum Flow Rate: (based on water)</b> .....	SP-8600 : 35 gpm (132 lpm)
.....	SP-8700 : 17.5 gpm (66,2 lpm)
<b>Maximum Specific Gravity:</b> .....	1.8
<b>Maximum Temperature:</b> .....	175°F (80°C)
<b>Available Immersion Lengths:</b> .....	39" (1000 mm), 47" (1200 mm)

*Additional lengths available upon request*



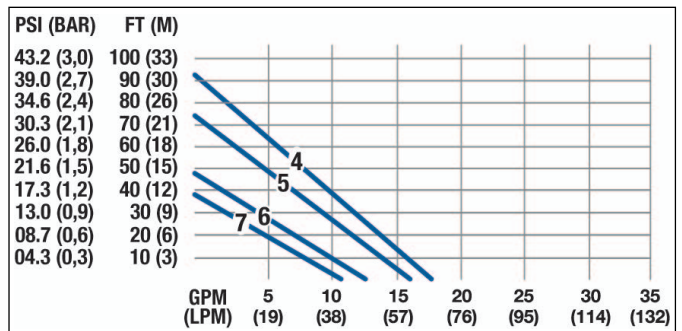
### SP-8600



**Flow Rate (Based On Water)**

- 1 SP-280P, SP-ENC
- 2 SP-430EX, SP-440EX, SP-A2
- 3 SP-A1

### SP-8700



**Flow Rate (Based On Water)**

- 4 SP-430EX, SP-440EX
- 5 SP-280P, SP-ENC
- 6 SP-A2
- 7 SP-A1



**Warning:** When pumping flammable or combustible liquids, pump tube must be used in conjunction with an explosion proof or air motor.

- Note: Pump is constructed with FDA compliant materials; however, pump does not have FDA certification.
- Note: Maximum Specific Gravity is 1.8 when used in conjunction with 825 watt motor.
- Note: When pumping viscosities over 1,000 cps, pump must be used intermittently to avoid potential premature failure and/or damage.
- Note: Performance curves are based on operating a 110v at 60 Hz. Pump performance may vary due to a change in voltage and frequency.