

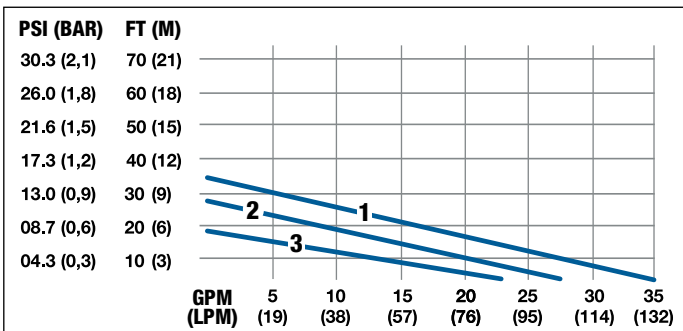
## Common Applications

- Concentrated Nitric Acid
- Sulfuric Acid (66° Baume)
- Sodium Hypochlorite (20%)
- Hydrofluoric Acid (70%)
- Perchloric Acid (70%)
- Stearic Acid

## Technical Specifications

**Pump Design:** ..... Sealless / Centrifugal  
**Discharge:** ..... 1" (25,4 mm) Hose Barb  
 ..... \*3/4" (19 mm) Hose Barb *available upon request*  
**Wetted Materials:**..... PVDF, PTFE, Carbon Graphite, Hastelloy C-276  
**Motor Drive Options:**..... 110V & 220V Single Phase, Pneumatic  
**Maximum Viscosity: (based on motor option)**..... SP-280P & SP-ENC : 1500 cps (mPas)  
 ..... SP-A2 : 750 cps (mPas)  
 ..... SP-A1 : 450 cps (mPas)  
**Maximum Discharge Pressure:** ..... SP-PVDF : 16 psi (1,1 bar)  
 ..... SP-PVDF-HH : 32 psi (2,2 bar)  
**Maximum Flow Rate (based on water)** ..... SP-PVDF : 35 gpm (132 lpm)  
 ..... SP-PVDF-HH : 16 gpm (60 lpm)  
**Maximum Specific Gravity:**..... 1.8\*  
**Maximum Temperature:** ..... 175° F (80° C)  
**Available Immersion Lengths:** ..... 27" (700 mm), 39" (1000 mm), 47" (1200 mm),  
 ..... 50" (1270 MM), 60" (1500 mm), 72" 1800 mm  
 \*Additional lengths available upon request

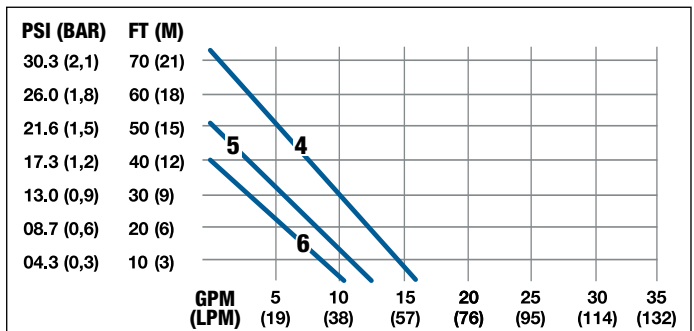
### SP-PVDF



Flow Rate (Based On Water)

- 1 SP-280P, SP-ENC
- 2 SP-A2
- 3 SP-A1

### SP-PVDF-HH



Flow Rate (Based On Water)

- 4 SP-280P, SP-ENC
- 5 SP-A2
- 6 SP-A1



**WARNING:** Not suitable for pumping flammable or combustible liquids or use in a hazardous duty environment.

- 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.