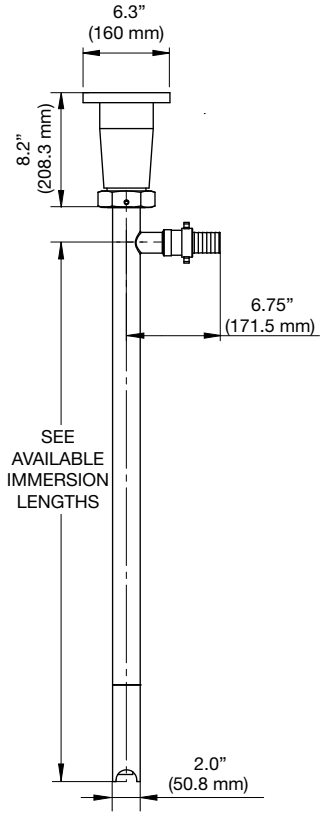
Common Applications

- Polymers
- Oils & Greases
- Resins
- Paints
- Adhesives
- Varnishes

Technical Specifications

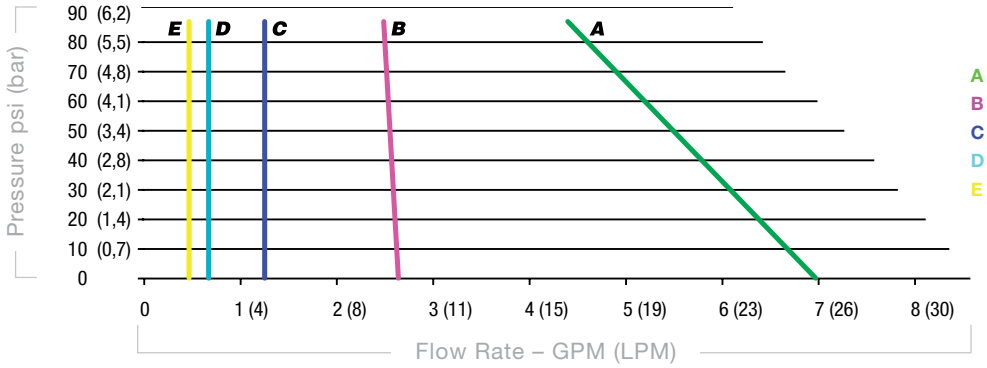
Pump Design: .....Progressive Cavity / Positive Displacement
Discharge: .....1 1/2" Hose Barb
Wetted Materials: .....SS316, SiC/Viton & PTFE
Motor Drive Options: .....230/460V 3 Ph Electric, Pneumatic
Maximum Viscosity: .....**751 & 752 Series** : 100,000 cps (mPas)*
.....**1851 Series** : 10,000 cps (mPas)*
Maximum Discharge Pressure: .....**751 & 1851 Series** : 87 psi (6 bar)
.....**752 Series** : 174 psi (12 bar)
Maximum Flow Rate *(based on water)* .....**1851 Series** : 12 gpm (45,4 lpm)
.....**751 & 752 Series** : 7 gpm (26,5 lpm)
Maximum Temperature: .....PTFE Stator : 300°F (149°C)
Duty Cycle: .....Continuous
Available Immersion Lengths: .....39" (1000 mm) & 47" (1200 mm)
Maximum Particulate Size (Dia.): .....1/4" (6,35 mm)
Surface Finish: .....32 Ra



⚠ **Warning:** When pumping flammable or combustible liquids, pump tube must be used in conjunction with an explosion proof or air motor.
***Note:** Consult factory regarding products that are sticky in nature as the maximum rated viscosity of this pump may be lower for these types of products.

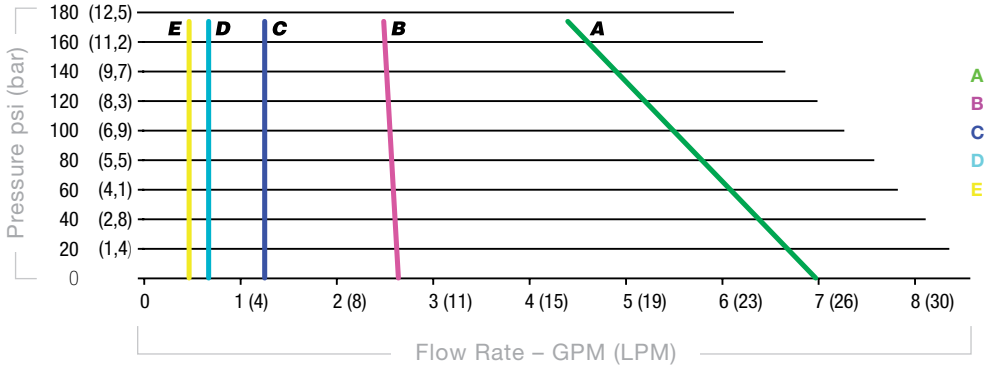
Performance Curves

751 Series Pumps



	Viscosity cps (mPas)	Electric Motor	Air Motor
A	1	SP-502	SP-A4
B	10,000	SP-502	SP-A4
C	30,000	SP-512	SP-A6
D	60,000	SP-512	SP-A6
E	100,000	SP-522	SP-A8

752 Series Pumps



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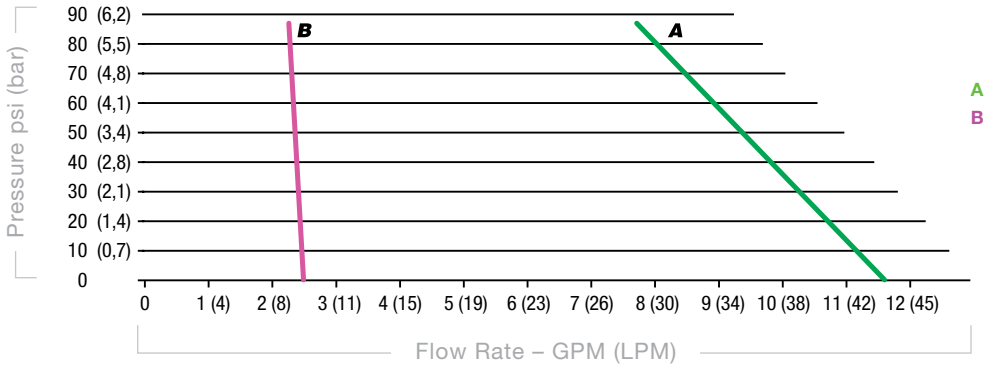
1851 Series Pumps



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