

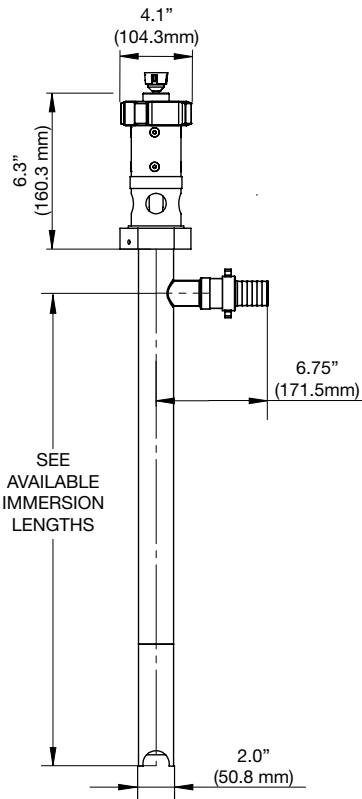


Common Applications

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

Technical Specifications

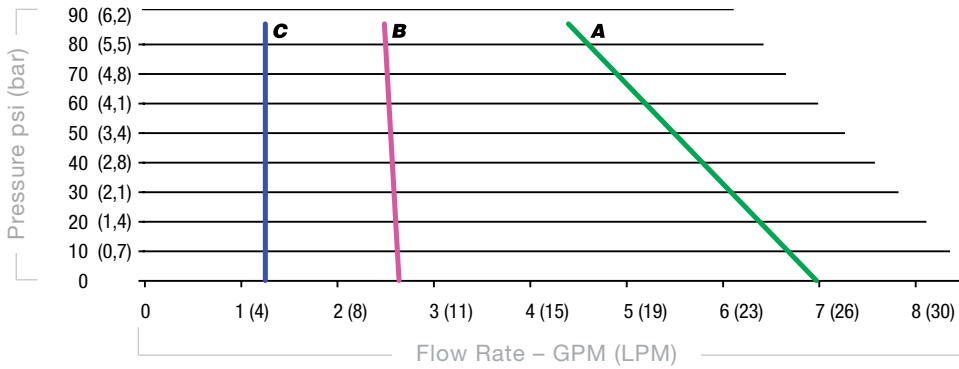
Pump Design:	Progressive Cavity / Positive Displacement
Discharge:	1 1/2" Hose Barb
Wetted Materials:	SS316, SiC/Viton & PTFE
Motor Drive Options:	110V & 220V 1 Ph, 220V Explosion Proof
Maximum Viscosity:	751 & 752 Series : 25,000 cps (mPas)*
.....	1851 Series : 10,000 cps (mPas)*
Maximum Discharge Pressure:	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:	Intermittent (30 min intervals)
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.

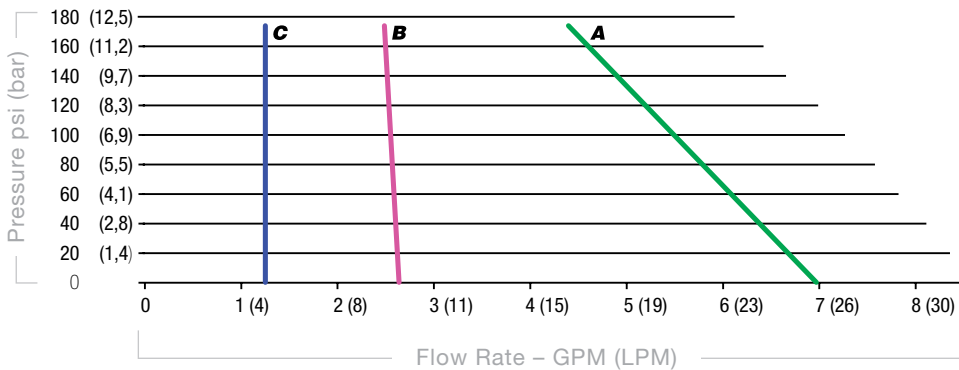
Performance Curves

751 Series Pumps



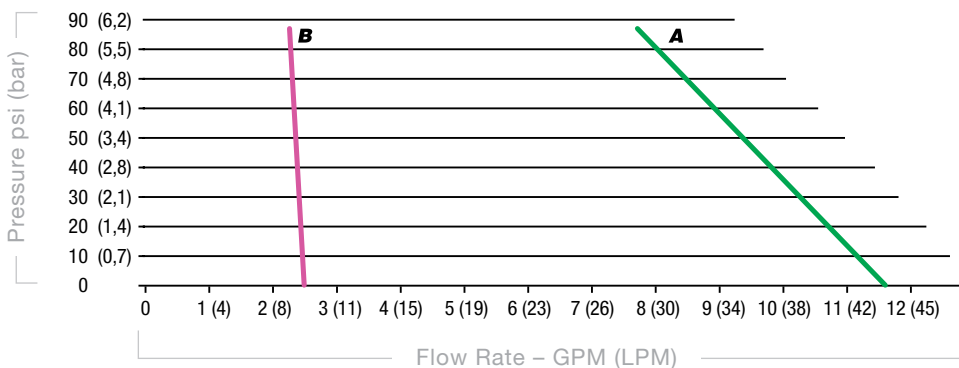
Viscosity cps (mPas)	Electric Motor
A 1	SP-ENC Series, SP-400 Series
B 10,000	SP-ENC Series, SP-400 Series
C 25,000	SP-ENC Series, SP-400 Series

752 Series Pumps



Viscosity cps (mPas)	Electric Motor
A 1	SP-ENC Series, SP-400 Series
B 10,000	SP-ENC Series, SP-400 Series
C 25,000	SP-ENC Series, SP-400 Series

1851 Series Pumps



Viscosity cps (mPas)	Electric Motor
A 1	SP-ENC Series, SP-400 Series
B 10,000	SP-ENC Series, SP-400 Series