

Common Applications

- Pie Fillings
- Chocolate
- Juice Concentrates
- Lotions
- Sauces
- Shampoo



Technical Specifications

Pump Design:	Progressive Cavity / Positive Displacement
Discharge:	1 1/2" Tri-Clamp®
Wetted Materials:	SS316L, SiC/Viton & PTFE or Buna (<i>varies by model</i>)
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)
.....	Buna Stator : 185°F (85°C)
Duty Cycle:	Intermittent (30 min intervals)
Available Immersion Lengths:	27" (700 mm), 39" (1000 mm) & 47" (1200 mm)
Maximum Particulate Size (Dia.):	1/4" (6,35 mm)
Surface Finish:	32 Ra
Bag Liner Series:	Optional pump intake designed for application with hygienic bag liners



Bag Liner Series
Pump Intake

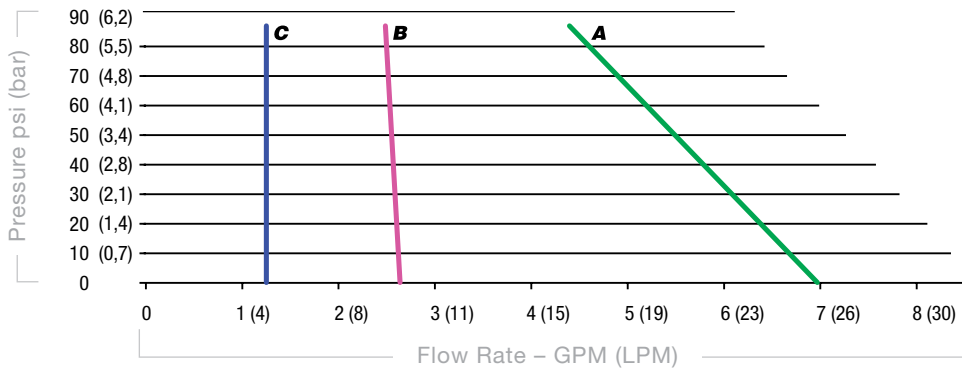


Warning: When pumping flammable or combustible liquids, pump tube must be used in conjunction with an explosion proof motor.

***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.

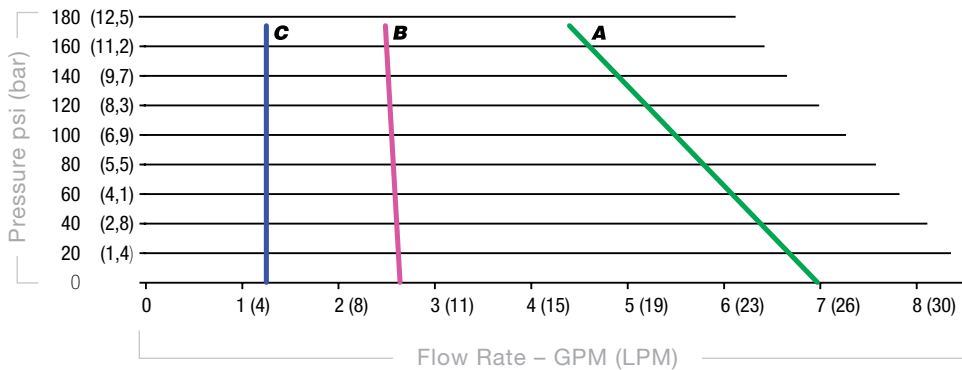
Performance Curves

751 Series Pumps



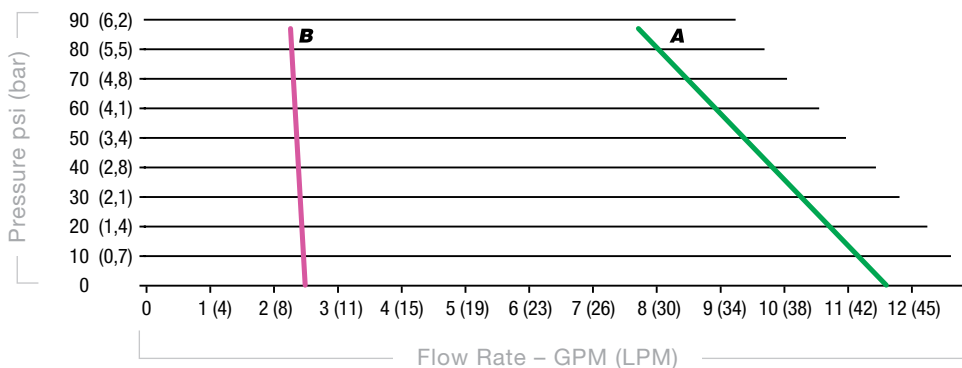
Viscosity (cps)	Viscosity (mPas)	Electric Motor
A	1	SP-ENC Series, SP-400 Series
B	10,000	SP-ENC Series, SP-400 Series
C	25,000	SP-ENC Series, SP-400 Series

752 Series Pumps



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