

SP-700DD Progressive Cavity Series

STANDARD's 700DD Series pumps are engineered to transfer viscous materials from drums, Intermediate Bulk Containers (IBC) and large storage vessels. Utilizing the principle of positive displacement, these pumps deliver a continuous flow of material with little product degradation. Pumps are available with a TEFC electric or air powered motors. Maximum viscosity is 100,000 cps (mPas).

Common Applications

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

Technical Specifications

Design	Progressive Cavity / Positive Displacement	
Max. Viscosity	• 751 & 752 Series	100,000 cps (mPas)
	• 1851 Series	10,000 cps (mPas)
Discharge Port	1½" (38 mm) Hose Barb	
	Optional 1.25" (32 mm)	
Stator Materials	PFTE or Buna	
Mechanical Seal	SiC/Viton®/SiC	
Immersion Lengths	27" (700 mm)	
	39" (1000 mm)	
	47" (1200 mm)	
	Please add 5" (127 mm) to the immersion length of pump for the 752 Series pumps	
Wetted Material	Tube & Rotor Assembly: Stainless Steel 316	
Stator Material	PFTE or Buna	
Motor Drives	IEC & Pneumatic	
Fittings	Threaded design enables operator to disassemble pump quickly for cleaning, maintenance and inspection	
Mounting Flange	B14/C140-160	
Max. Flow Rate	• 1851 Series	45 LPM based on water
	• 751 & 752 Series	26 LPM based on water
Max. Discharge Pressure	• 751 & 1851 Series	6 bar
	• 752 Series	12 bar
	• Teflon Stator	148°C
Max. Temperature	• Buna Stator	85°C
Max. Solid Size	.25" (6 mm)	

Benefits

- Easy To Clean & Maintain
- Interchangeable Motor Drives
- Continuous Flow
- Low Shearing Properties
- Threaded Components

Motor Drives



IEC



Pneumatic

Note: Refer to page 32 for motor information

