

SP-800SR | Sanitary Series

The 800SR series pumps are engineered for transferring viscous food products, pharmaceutical ingredients and cosmetic lotions from drums, ToteTanks® and kettles. The progressive cavity design delivers a continuous flow with little product degradation. Maximum viscosity is 25,000 cps (mPAS).



Common Applications

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

Features

- Hygienic Design
- Easy To Clean & Maintain
- Gentle Product Treatment
- Continuous Flow

Technical Data

Design:	Progressive Cavity / Positive Displacement
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. Tube & Rotor Assembly: 316 Stainless Steel Stator Material: Teflon or White Buna
Wetted Components:	32 Ra
Pump Finish:	SP-ENC, Variable Speed, SP-420EX Explosion Proof
Motor Drives:	2" (51 mm) / 1.5" (38 mm) Hose Barb not included
Inlet/Discharge Size:	

optional 1.25" (32 mm) hose barb

Maximum Viscosity:	25,000 cps (mPAS)
• 751 & 752 Series	10,000 cps (mPAS)
• 1851 Series	

Maximum Discharge Pressure:	6 bar
• 751 & 1851 Series	12 bar
• 752 Series	
Maximum Flow Rate:	45 LPM based on water
• 1851 Series	26 LPM based on water
• 751 & 752 Series	
Duty Cycle:	Intermittent (30 Min. Intervals)
Pump Weight:	7,7 kg - 11 kg Varies upon model, does not include motor weight

Maximum Temperature:	148° C
• Teflon Stator	85° C
• Buna Stator	
Maximum Solid Size:	.25" (6 mm)
Mechanical Seal:	SiC/Viton/SiC
Stator Materials:	Teflon or White Buna
Bag Liner Series:	Optional pump intake design available for applications with hygienic liners

Warning: Not suitable for pumping flammable or combustible liquids.

Note: Pump is constructed with FDA compliant materials.

Motor Drive

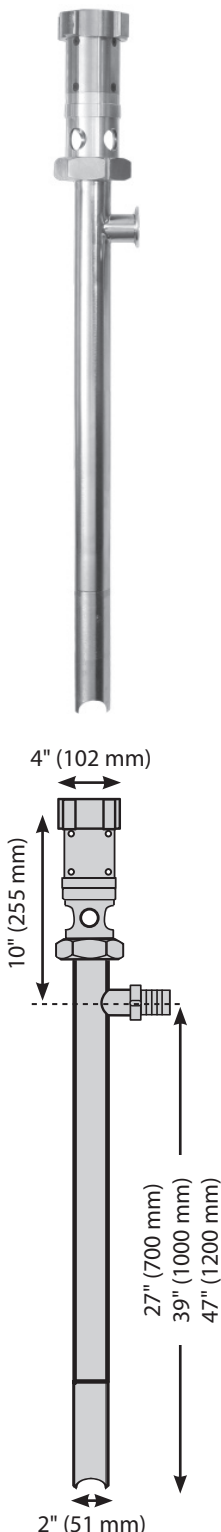


SP-ENC Series



SP-420EX

Bag Liner Series Pump Intake



SP-800DD | Sanitary Series

The 800DD series pumps are engineered for transferring viscous food products, pharmaceutical ingredients and cosmetic lotions from drums, ToteTanks® and kettles. The progressive cavity design delivers a continuous, smooth flow with little product degradation. Maximum viscosity is 100,000 cps (mPAS).



Common Applications

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

Features

- Hygienic Design
- Easy to Clean & Maintain
- Gentle Product Treatment
- Continuous Flow



Motor Drives



Electric



Stainless Steel



Air Motor

Bag Liner Series Pump Intake



Technical Data

Design:

Progressive Cavity / Positive Displacement

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

Tube & Rotor Assembly: 316 Stainless Steel

Stator Material: Teflon or White Buna

32 Ra

Wetted Components:

Pump Finish:

Motor Drives:

IEC motor and Air motor

Inlet/Discharge Size:

2" (51 mm) / 1.5" (38 mm) hose barb not included

optional 1.25" (32 mm) hose barb

Maximum Viscosity:

- 751 & 752 Series
- 1851 Series

100,000 cps (mPAS)

10,000 cps (mPAS)

Maximum Discharge Pressure:

- 751 & 1851 Series
- 752 Series

6 bar

12 bar

Maximum Flow Rate:

- 1851 Series
- 751 & 752 Series

45 LPM based on water

26 LPM based on water

Pump Weight:

8,7 kg - 11,8 kg

Varies upon model, does not include motor weight

Maximum Temperature:

- Teflon Stator
- Buna Stator

148° C

85° C

Maximum Solid Size:

.25" (6 mm)

Mechanical Seal:

SiC/Viton/SiC

Stator Materials:

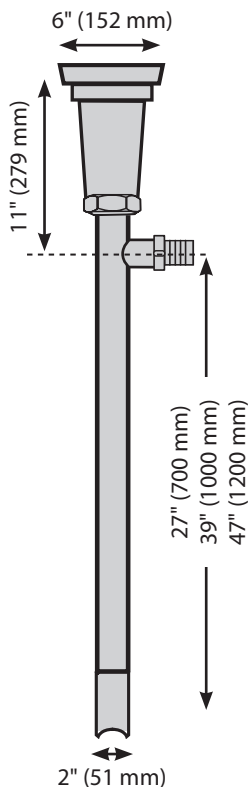
Teflon or White Buna

Mounting Flange:

B14/C140-160

Bag Liner Series:

Optional pump intake design available for applications with hygienic liners



Note: Pump is constructed with FDA compliant materials.

Motors for SP-800DD



Electric Motor, IP55 — 190 / 380 // 230 / 460/ 3 / 50-60 Hz

MODEL	HP	KW	RPM	ENCLOSURE	FRAME	FLANGE	WT kg
SP-502	0.75	,55	750-900	TEFC (IP55)	90LC	B14/C140	25,5
SP-512	1	,75	750-900	TEFC (IP55)	100LC	B14/C160	25,5
SP-522	1.5	1,1	750-900	TEFC (IP55)	100LC	B14/C160	35,5

0017 Motor wiring for 230V/3/50-60 Hz which includes 570, 571, 572, 8708



Electric Motor, IP56 — 190 / 380 // 230 / 460/ 3 / 50-60 Hz

MODEL	HP	KW	RPM	ENCLOSURE	FRAME	FLANGE	WT kg
SP-504	0.75	0,55	750-900	Washdown (IP56)	90LC	B14/C140	25,5
SP-514	1	0,75	750-900	Washdown (IP56)	100LC	B14/C160	27,7
SP-524	1.5	1,1	750-900	Washdown (IP56)	100LC	B14/C160	36,3

0017 Motor wiring for 230V/3/50-60 Hz which includes parts 570, 571, 572, 8708



Electric Motor, Stainless Steel — 190 / 380 // 230 / 460/ 3 / 50-60 Hz

MODEL	HP	KW	RPM	ENCLOSURE	FRAME	FLANGE	WT kg
SP-508	0.75	0,55	750-900		90LC	B14/C140	29,5
SP-518	1	0,75	750-900		100LC	B14/C160	47,2
SP-528	1.5	1,1	750-900		100LC	B14/C160	52,2

0017 Motor wiring for 230V/3/50-60 Hz which includes parts 570, 571, 572, 8708



Air Motor

MODEL	HP	kW	RPM	AIR CONSUMPTION	FRAME	Air CONN. Inch (mm)	WT Kg
SP-A4FP	2	1,5	300-900	80 CFM @ 100 psi 37 L/Sec @ 7 bar	IEC#72/D71	1/4" (6,35)	5,0
SP-A6FP	4	3,0	300-900	130 CFM @ 100 psi 65 L/Sec @ 7 bar	IEC#72/D80	1/2" (12,7)	11,0
SP-A8FP	5	3,7	300-900	170 CFM @ 100 psi 80 L/Sec @ 7 bar	IEC#72/D90	1/2" (12,7)	12,0

The Sanitary Line of drum pumps and motors is the perfect solution for any task of pumping fluids and pastes used in the food and pharmaceutical industries.

The ranges include stainless steel centrifugal pumps and stainless steel progressive cavity pumps for fluids/pastes of up to 100.000 cps (mPas) viscosity. The drum pumps are available in various immersion lengths and with a selection of different electric and pneumatic motors.

Centrifugal pumps as well as progressive cavity pumps can be supplied with basic Flow Meters or as integrated Batch Control Systems.

