

Product Catalog 2024

| Drum Pumps | Container Pumps | IBC Pumps | Diaphragm Pumps |



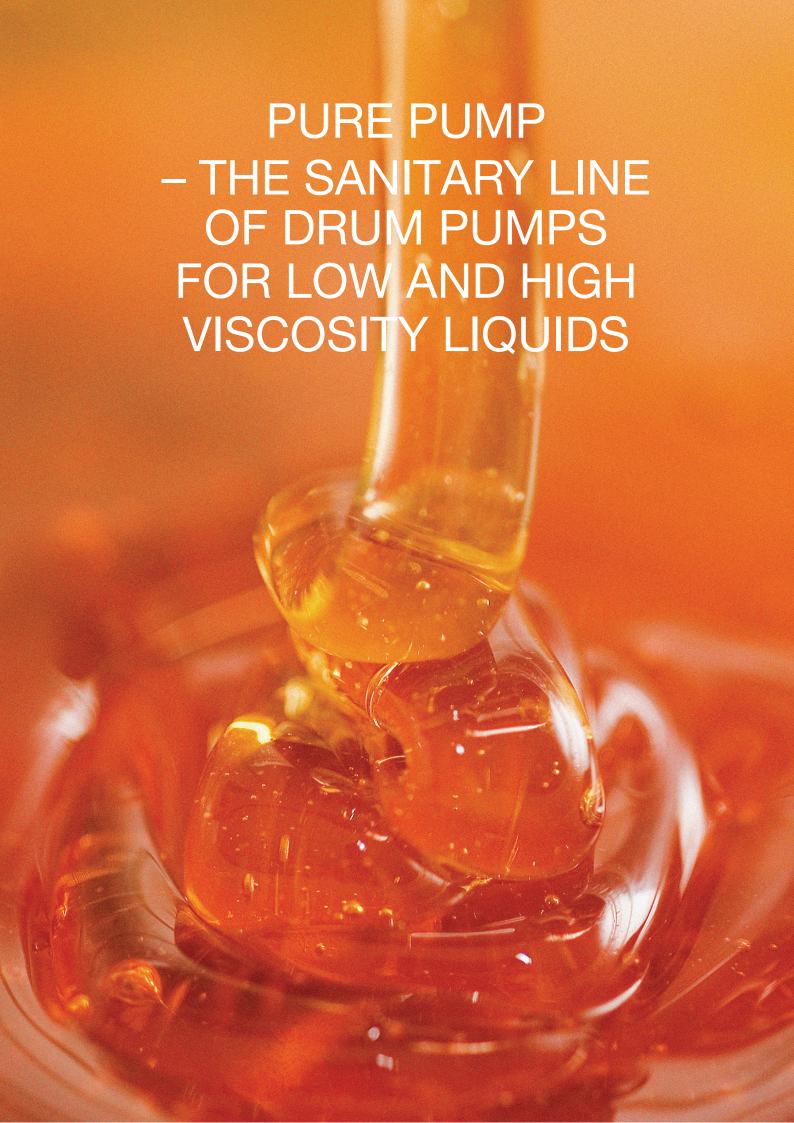


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Detailed products descriptions, Product Datasheets, Manuals, Certificates are available from: www.Standard-Europe.eu

2024-09



Sanitary Centrifugal Pumps | SP-8600, SP-8700

Standard Pumps SP-8600/8700 series sanitary centrifugal pumps engineered as the ideal solution for transferring juices, concentrates, beer, wine, and cosmetic fragrances from barrels, kettles and IBC's. The SP-8600 series pumps incorporate a proven hygienic design and FDA compliant materials of construction (CFR 21.177) insuring a safe, robust and efficient sanitary solution.





Common Applications Features

- Concentrates
- Pharmaceutical Ingredients
- Wine & Beer
- Juices
- Personal Care Products

- FDA Compliant Materials of Construction
- Flow Rates to 132 I/min
- Discharge Pressure to 2,9 bar
- · Easy to Clean
- Tri-Clamp Fittings
- · Light Weight & Portable
- Variable Speed Electric & Air Motors

Technical Specifications

Wetted Components: SS316L, Teflon

Motor Drive: SPE-950, SP-440EX, SP-ENC, SP280, SP-B2, SP-A1

Inlet / Discharge Size: 1.5" (38mm) / 1" (25mm)

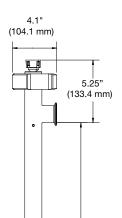
Tri-clamp, gasket and hose barb not included.

Maximum Viscosity: 1.000 cps (mPas)

Maximum Discharge Pressure: 2,9 Bar **Maximum Flow Rate:** 132 I/min

Maximum Liquid Temperature: 80°C, ATEX 40°C

Directive & Classification: ATEX 2014/34/EU, EX II 2G EX h IIB T4 Gb



SEE

AVAILABLE

IMMERSION

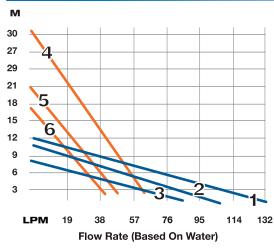
LENGTHS

(38.1 mm)

Models

Model	Pump Assembly	Shaft	Impeller	Gross WT	Bushing
SP-8600-39	SS316	SS316	High Volume	5,5 kg	Teflon
SP-8600-47	SS316	SS316	High Volume	6,4 kg	Teflon
SP-8700-39	SS316	SS316	High Pressure	5,5 kg	Teflon
SP-8700-47	SS316	SS316	High Pressure	6,4 kg	Teflon

Flow Curves



KEY:

- 1 8600 Pump Tube / SPE-950
- 2 8600 Pump Tube / SP-ENC, SP-280, SP-440EX
- 3 8600 Pump Tube / SP-B2, SP-A1
- 4 8700 Pump Tube / SPE-950
- 5 8700 Pump Tube / SP-ENC, SP-280, SP-440EX
- 6 8700 Pump Tube / SP-B2, SP-A1



SP-8600 & 8700 Series | Spare Parts



SP-8600 & 8700			Ref #	Description	Part No.	Qty
0—\$			1	Pump Coupling, Nylon	1004	1
· +			2	Bearing, Shielded, Food Grade Grease	8838-2	2
)		3	Bearing Spacer, SS316	8838-4	1
			4	Secondary Seal, PTFE	8803	1
4 —=			5	Connection Nut, SS316L	8842	1
			6	Snap Ring, SS316	8208	1
			7	Connection Flange, SS316L	8602	1
——			8	Drive Shaft, SS316L		1
_				39" (1000 mm)	8606	
<u>ツーナー</u>		1 1 1 1		47" (1200 mm)	8607	
			9	Guide Sleeve, PTFE	8811	1
			10	Inner/Outer Tube Assembly, SS316L		1
Ī				39" (1000 mm)	8614	
				47" (1200 mm)	8615	
			11	O-Ring, Buna	8823	2
			12	Pump Housing, SS316L	8824	1
			13	Bushing, PTFE	8825	1
			14	Rotor/Impeller, SS316L		1
				High Volume (SP-8600)	8827	
				High Pressure (SP-8700)	8927	
			15	Pump Foot, SS316L		1
® —∥ 9 –	_ -			High Volume (SP-8600)	8826	
				High Pressure (SP-8700)	8926	
			16	Tri-Clamp, SS316L	833	1
			17	Hose Barb, SS316L	8833	1
			18_	Hose Barb, Gasket Buna	836	1
				hen pumping flammable or combustible liq		ist be used in



Sanitary Centrifugal Pumps | SP-8850, SP-8950

Standard Pump SP-8850 and SP-8950 series sanitary centrifugal pumps engineered to transfer dairy products, pharmaceuticals, juices, concentrates, beer, wine, and cosmetic fragrances from barrels, kettles and IBS's. The SP-8850 and SP-8950 series pumps are 3A certified and incorporate a hygienic design that enables operators quickly to disassemble, clean and sanitize.







Common Applications Features

- Concentrates
- Pharmaceutical Ingredients
- Wine & Beer
- Juices
- Personal Care Products
- Cosmetic Fragrances
- 3A Certified
- FDA Compliant Materials of Construction
- Flow Rates to 132 l/min
- Discharge Pressure to 2,9 bar
- · Easy to Clean
- Tri-Clamp Fittings
- Light Weight & Portable
- Variable Speed Electric & Air Motors

Technical Specifications

Wetted Components: SS316L, Teflon

Motor Drive: SPE-950, SP-440EX, SP-ENC, SP-280, SP-B2, SP-A1

Inlet / Discharge Size: 1.5" (38mm) / 1" (25mm)

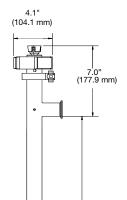
Tri-clamp, gasket and hose barb not included.

Maximum Viscosity: 1.000 cps (mPas)

Maximum Discharge Pressure: 2.9 Bar **Maximum Flow Rate:** 132 l/min

Maximum Liquid Temperature: 80°C, ATEX 40°C

Directive & Classification: ATEX 2014/34/EU, EX II 2G EX h IIB T4 Gb



AVAILABLE IMMERSION

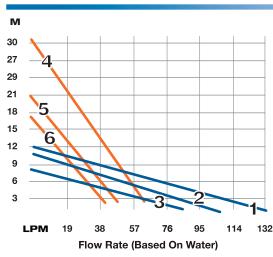
LENGTHS

(38.1 mm)

Models

Model	Pump Assembly	Shaft	Impeller	Pump WT	Bushing
SP-8850-39	SS316	SS316	High Volume	5,5 kg	Teflon
SP-8850-47	SS316	SS316	High Volume	6,4 kg	Teflon
SP-8950-39	SS316	SS316	High Pressure	5,5 kg	Teflon
SP-8950-47	SS316	SS316	High Pressure	6,4 kg	Teflon

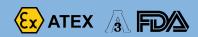
Flow Curves



KEV:

- 1 8850 Pump Tube / SPE-950
- 2 8850 Pump Tube / SP-ENC, SP-280, SP-440EX
- 3 8850 Pump Tube / SP-B2, SP-A1
- 4 8950 Pump Tube / SPE-950
- **5** 8950 Pump Tube / SP-ENC, SP-280, SP-440EX
- 6 8950 Pump Tube / SP-B2, SP-A1

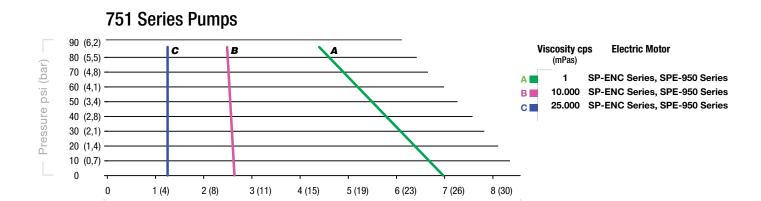




SP-8	3850 & 89	50			Ref #	Description	Part No.	Qty
		⊘ — ∏			1	Pump Coupling, Nylon	1004	1
)— ā	7	0 1			2	Bearing, Shielded, Food Grade Grease	8838-2	2
 ⊚	سًا'	®— —	-		3	Bearing Spacer, SS316L	8838-4	1
_	,_ ©		l	B	4	Secondary Seal, PTFE, SS316L	8803	1
- —رو	1	Ţ	<u></u> @—!		5	Drive Shaft, SS316L		1
Į						39" (1000 mm)	8891	
				T Sen		47" (1200 mm)	8892	
	ſ]			6	Guide Sleeve, PTFE	8811	1
				·	7	Connection Nut, SS316L	8842	1
					8	Snap Ring, SS316	8208	1
				29 (9 (9	9	Inner Tube Assembly, SS316L		1
						39" (1000 mm)	8885	
						47" (1200 mm)	8886	
					10	Bushing, PTFE	8825	1
					11	Pump Housing Stability Wing, PTFE	8895	1
					12	O-Ring, Buna	8896	1
					13	O-Ring, Buna	8830	1
ந_∥	6—		(17)—	_	14	Rotor/Impeller, SS316L		1
´ ∥			O			High Volume (SP-8850)	8827	
						High Pressure (SP-8950)	8927	
					15	Tri-Clamp, SS316	833	1
					16	Tri-Clamp Gasket , Buna	836	1
					17	Outer Tube, SS316L		1
						High Volume, 39" (1000 mm) (SP-8850)	8881	
						High Volume, 47" (1200 mm) (SP-8850)	8882	
						High Pressure, 39" (1000 mm) (SP-8950)	8981	
						High Pressure, 47" (1200 mm) (SP-8950)	8982	
					18	Tri-Clamp, SS316L	833	1
					19		8833	1
					20	Hose Barb, Gasket Buna	836	1
		- 10−111		0				

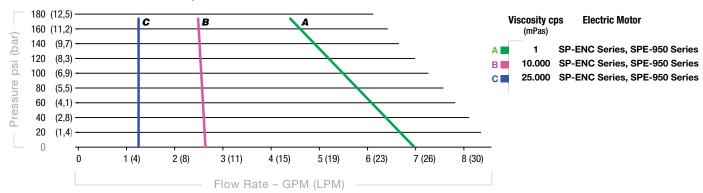


Performance Curves

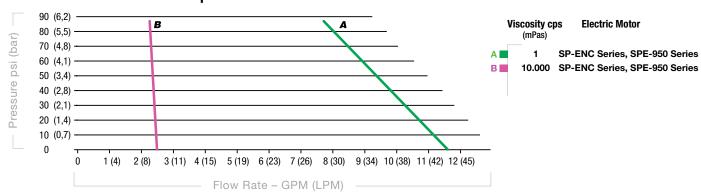


Flow Rate - GPM (LPM)

752 Series Pumps



1851 Series Pumps





Sanitary Progressive Cavity Pumps | SP-800SR with Planetary Gear

Standard Pumps 800SR series Progressive Cavity/Positive Displacement 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 mPAS. The SP-800 series pumps incorporate a proven hygienic design and FDA compliant materials of construction (CFR 21.177) insuring a safe, robust and efficient sanitary solution.



(102 mm)

10" (255 mm)

Common Applications Features

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

- Hygienic Design in FDA Compliant Materials of Construction
- Gentle Product Treatment
- Continuous Flow
- Flow Rates to 45 I/min
- · Discharge Pressure to 12 bar
- Easy to Clean & Maintain
- Variable Speed Electric & Air Motors



Technical Specifications

Immersion Lengths: 27" (700 mm), 39" (1.000 mm), 47" (1.200 mm)

add 5" (127 mm) to the immersion length for 752 series

Wetted Components: 316 stainless steel (Tube & Rotor assembly), Teflon (stator)

Pump Finish:

Motor drives: SPE-950V, SP-ENC-2-V (both variable speed) Inlet/Discharge Size: 2" (51 mm) or 1,5" (38 mm). Hose Barb not included

Optional 1,25" (32 mm) hose barb



751 & 752 Series 25.000 cps (mPas) 1851 Series 10.000 cps (mPas)

Maximum Discharge Pressure:

751 & 1851 Series: 6 Bar 752 Series: 12 Bar

Maximum Flow Rate:

1851 Series: 45 I/min (based on water) • 751 & 752 Series: 26 l/min (based on water)

Intermittent (30 minutes intervals) **Duty Cycle:**

Max. Temperature: 148 °C Max. Solids Size: 0,25" (6 mm) Mechanical Seal: SiC/Viton/SiC Stator Material: PTFE (Teflon)

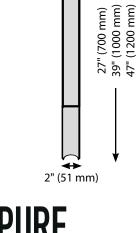
Bag Liner Series (BL): Optional pump intake design available for applications with

hygienic liners (BL)



Model	Length	Weight
SP-800SR-751P-39	39" (1.000 mm)	9,0 kg
SP-800SR-752P-39	44" (1.120 mm)	10,0 kg
SP-800SR-1851P-39	39" (1.000 mm)	10,50 kg
SP-800SR-751P-47	47" (1.200 mm)	10,50 kg
SP-800SR-752P-47	52" (1.320 mm)	11,0 kg
SP-800SR-1851P-47	47" (1.200 mm)	10,50 kg
SP-800SR-751P-39-BL	39" (1.000 mm)	9,0 kg
SP-800SR-752P-39-BL	44" (1.120 mm)	10,0 kg
SP-800SR-1851P-39-BL	39" (1.000 mm)	10,50 kg
SP-800SR-751P-47-BL	47" (1.200 mm)	10,50 kg
SP-800SR-752P-47-BL	52" (1.320 mm)	11,0 kg
SP-800SR-1851P-47-BL	47" (1.200 mm)	10,50 kg







SP-800SR Series | Spare Parts



	SP-800SR			ef #	Description	Part No.	Qty
				1	Pump Coupling	1004	1
				2	Connection Nut, SS316	8842	1
(1)	—— — —			3	Snap Ring, SS316	8208	1
				4	Gear Reduction Unit, SS316	779	1
			- !	5	Mechanical Seal Bushing, SS316	702	1
(3)				6	Mechanical Seal, SIC	703	1
		(12)		7	Gasket, PTFE	735	1
	<u></u>		- 8	8	Drive Shaft, SS316		1
	[0 0]				SP-1851-39	705	
4)					SP-751-39,SP-752-39,SP-1851-47	706	
					SP-751-47,SP-752-47	707	
	,			9	Rotor, SS316		1
			(Щ) —		Size 751	708	
(5)		U I ' "			Size 752	709	
			(19)		Size 1851	710	
	I ±			0	Gasket, PTFE	731	1
_		11	1	1	Gasket, PTFE	738	1
(6)	<u> </u>	11	1	2	Set Screw, SS316	757	1
_		11	1	3	Outer Tube Assembly, SS316		1
	□ ∓	11			SP-1851-39	801	
(7)	<u>_</u>	11			SP-751-39,SP-752-39,SP-1851-47	802	
	T	11			SP-751-47,SP-752-47	803	
		11	1	4	Ring, SS316	0016	1
		11	1	5	Stator Insert, PTFE		1
		11			Size 751	822	
		11			Size 752	823	
		11			Size 1851	824	
		11	_1	6	Stator Tube, SS316		1
					SP-800SR-751P-39 & SP-800SR-751P-47	874	
		F			SP-800SR-752P-39 & SP-800SR-752P-47	875	
	(15)-	_1 1			SP-800SR-1851P-39 & SP-800SR-1851P-47	876	
			1	17	Stator Tube, Bag Liner Series, SS316		1
		\bowtie			SP-800SR-751P-39BL & SP-800SR-751P-47BL	874BL	
(8)		, ,			SP-800SR-752P-39BL & SP-800SR-752P-47BL	875BL	
		\bigcirc (14)			SP-800SR-1851P-39BL & SP-800SR-1851P-47BL	876BL	
	Ц				Tri-Clamp	833	
		(16) (17)	1	9	Hose Barb		
(10)		YY			1.25 (32 mm)	834	
	\bigcap	F7 F7			1.5 (38 mm)	835	
	─ //		2	20	Hose Barb Gasket Buna	836	
C							



Bag Liner Series

Specialized Pump Intake Design, Engineered for Applications with Hygienic Liners

Often the drums have a hygienic liner that can be a challenge for a traditional pump (it will suck the product and bag into the pump). However, Standard pump offers a special Bag Liner series pump for this exact application.



Bag Liner Series Pump Intake



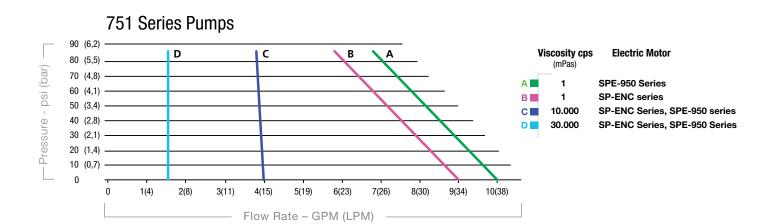




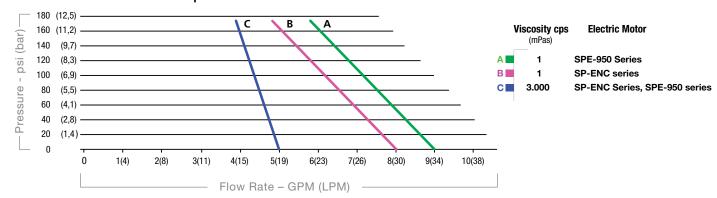




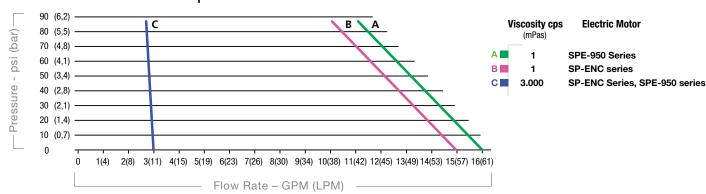
Performance Curves



752 Series Pumps



1851 Series Pumps





Sanitary Progressive Cavity Pumps | SP-850SR with Planetary Gear

Standard Pumps 850SR series Progressive Cavity/Positive Displacement 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

mPAS. SP-850 series are FDA compliant by materials of construction, 3A certified and incorporate a hygienic design that enables operators quickly to disassemble and sanitize.



Common Applications Features

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



- 3A certified
- Hygienic Design in FDA Compliant Materials of Construction
- Gentle Product Treatment
- Continuous Flow
- Flow Rates up to 61 l/min
- · Discharge Pressure to 12 bar
- · Easy to Clean & Maintain
- Variable Speed Electric & Air Motors



Technical Specifications

Immersion Lengths: 27" (700 mm), 39" (1.000 mm), 47" (1.200 mm)

add 5" (127 mm) to the immersion length for 752 series

Wetted Components: 316 stainless steel (Tube & Rotor assembly), Teflon (stator)

Pump Finish: 32 Ra

SPE-950V, SP-ENC-2-V (both variable speed) Motor drives: Inlet/Discharge Size: 2" (51 mm) or 1,5" (38 mm). Hose Barb not included

Optional 1,25" (32 mm) hose barb



751 Series: 30.000 cps (mPas) 752 & 1851 Series: 3.000 cps (mPas)

Maximum Discharge Pressure:

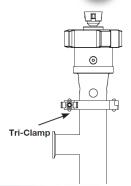
• 751 & 1851 Series: 6 Bar 752 Series: 12 Bar

Maximum Flow Rate:

1851 Series: 61 I/min (based on water) 26 l/min (based on water) 751 Series: 752 Series: 43 I/min (based on water)

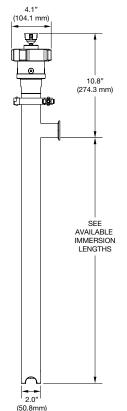
Duty Cycle: Intermittent (30 minutes intervals)

148 °C Max. Temperature: Max. Solids Size: 0,25" (6 mm) Mechanical Seal: SiC/Viton/SiC PTFE (Teflon) Stator Material:



850SR Series

Model	Length	Weight
SP-850SR-751P-39	39" (1.000 mm)	8,6 kg
SP-850SR-752P-39	39" (1.000 mm)	10,0 kg
SP-850SR-1851P-39	39" (1.000 mm)	10,50 kg
SP-850SR-751P-47	47" (1.200 mm)	10,50 kg
SP-850SR-752P-47	47" (1.200 mm)	11,0 kg
SP-850SR-1851P-47	47" (1.200 mm)	11,40 kg
	,	





SP-850SR Series | Spare Parts



SP-850SR		Ref #	Description	Part No.	Qty
		1	Pump Coupling	1004	1
		2	Connection Nut, SS316	8842	1
		3	Snap Ring, SS316	8208	1
(1)— (4	Gear Reduction Unit, SS316	879	1
		5	Mechanical Seal Bushing, SS316	851	1
(2)— 		6	Mechanical Seal, SIC	703	1
3		7	Gasket, PTFE	735	1
		8	Drive Shaft/Rotor Assembly, SS316		1
	£ 6 9		SP-850SR-751P-39	806	
			SP-850SR-751P-47	807	
			SP-850SR-752P-39	808	
4)— —			SP-850SR-752P-47	809	
0			SP-850SR-1851P-39	810	
7 - 1	() ((())) (((())			811	
			SP-850SR-1851P-47		
		9	Tri-Clamp, SS316	856	1
(5)— 🔲		10	Tri-Clamp Gasket, Buna	855	1
⑥ — =		11	Outer Tube Assembly, SS316	804	1
			SP-850SR-39		
(7)—— —			SP-850SR-47	805	
		12	Stator Sleeve, SS316	005	1
			SP-850SR-751P	865	
			SP-850SR-752P	866	
			SP-850SR-1851P	867	
		13	Stator Insert, PTFE	050	1
			SP-850SR-751P	852	
	(11)		SP-850SR-752P	853	
		17	SP-850SR-1851P Tri-clamp	854 833	
		18	Hose Barb	633	
			1.25 (32 mm)	834	
			1.5 (38 mm)	835	
		10	Hose Barb Gasket Buna	836	
(8)——			HOSE BAID GASKET BUILD	630	



Drum Pump Motors



SPE-450 Series

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Part Number	Enclosure	Power	Watt	V.S.D	Gross WT
SPE-450	TEFC (IP54)	230V/50-60Hz	450	No	3,3 kg
SPE-450V	TEFC (IP54)	230V/50-60Hz	450	Yes	3,3 kg

Marning: Not suitable for pumping flammable or combustible liquids. Note: V.S.D. = Variable Speed Drive.



SPE-650 Series

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Part Number	Enclosure	Power	Watt	V.S.D	Gross WT
SPE-650	TEFC (IP54)	230V/50-60Hz	650	No	3,3 kg
SPE-650V	TEFC (IP54)	230V/50-60Hz	650	Yes	3,3 kg

Marning: Not suitable for pumping flammable or combustible liquids. Note: V.S.D. = Variable Speed Drive.



SPE-950 Series

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Part Number	Enclosure	Power	Watt	V.S.D	Gross WT	
SPE-950	TEFC (IP54)	230V/50-60Hz	950	No	3,3 kg	
SPE-950V	TEFC (IP54)	230V/50-60Hz	950	Yes	3,3 kg	



Marning: Not suitable for pumping flammable or combustible liquids. Note: V.S.D. = Variable Speed Drive.



SP-280P Series



Part Number	Enclosure	Power	Watt	V.S.D	Gross WT	
SP-280P-2	Open Drip Proof (IP44)	220-240V/1/50-60Hz	825	No	4,0 kg	
SP-280P-2-V	Open Drip Proof (IP44)	220-240V/1/50-60Hz	825	Yes	4,0 kg	

Note: V.S.D. = Variable Speed Drive. LVR= Low Voltage Release.

↑ Warning: Not recommended for use with the SP-800SR Series pump.



SP-ENC Series





Part Number	Enclosure	Power	Watt	V.S.D	Gross WT	
SP-ENC-2	Open Drip Proof (IP44)	220-240V/1/50-60Hz	825	No	4,0 kg	
SP-ENC-2-V	Open Drip Proof (IP44)	220-240V/1/50-60Hz	825	Yes	4,0 kg	

Note: V.S.D. = Variable Speed Drive. LVR= Low Voltage Release.



SP-440EX





Part Number	Enclosure	Power	Watt	V.S.D	LVR	Gross WT
SP-440EX	Explosion Proof	220-240V/1/50-60Hz	1000	Yes	Yes	6,8 kg
RPM (min-max) 1	000-12.000.	Note: V.S.D. = Variable	e Speed	Drive	Note:	LVR = Low Voltage Release

Atex II 2G Ex d ib IIB T5 Gb

Note: Explosion proof motor regulations require that motors shall be returned to the manufacturer for repair.



SP-B2

 ϵ

Part Number	Consumption	Max. Inlet Pressure	Output	Gross WT
SP-B2	28 CFM @ 90 psi 13.2 L/sec @ 6,2 bar	100 psi 6,8 bar	34 HP 560W	1,5 kg
SP-B2P (trigger lock)	28 CFM @ 90 psi 13.2 L/sec @ 6,2 bar	100 psi 6,8 bar	³ ⁄ ₄ HP 560W	1,5kg



SP-ENC Series Motor | Spare Parts

SP-ENC	Ref #	Description	Part Number	Qty
	1	Screw, Motor Cover	3130	4
	2	Motor Cover	3000	1
	3	Fan	3512	1
	4	Bearing Cover	3511	1
	5	Wave Washer	8125	1
2—	6	Bearing, Upper	8331	1
	7	Brush Holder	8508	1
3	8	Carbon Brushes, 110/220V	8509*	2
4-	9	Stator		1
		220V	3702	
(5) (7)	10	Hexagon Nut	8448	2
(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	11	Lock Washer	8071	2
	12	Rod Connector	3703	2
	13	Motor Housing	3510	1
	14	Armature		1
²² 9—		220V	3701	
	15	Guide Disc	3504	1
	16	Bearing, Lower	8126	1
25 24 1 1	17	Lower Housing	8100	1
31 26	18	Screw, Lower Housing	8130	4
	19	Motor Coupling	8333*	1
	20	Ground Screw	8162	1
	21	Star Washer	8511	1
	22	Speed Potentiometer		
2020		220V	9804	
	23	Gasket		1
		220V	8167LVR	
	24	Switch Housing		1
		Fixed Speed	8001	
28 27 1		Variable Speed	8010	
	25	Screw, Switch Housing		4
——————————————————————————————————————		220V	8131LVR	
● ——16	26	Overload Switch		1
		220V (w/ Low Voltage release)	8704LVR	
—(7)	27	Cable Clamp	8001-1	1
	28	Screw, Cable Clamp	8001-2	2
1 —(18)	29	Power Cord		1
 (19)		110V	8360-KIT	
wy C		220V	8705-KIT	
	30	Earthing Lead	8183	1
	31	Switch Cover	8002	1
	32	Screw, Switch Cover	8221	5
	N/A	Repair Kit* (Includes Items 8 & 19)		1
		110V - 220V	9055	



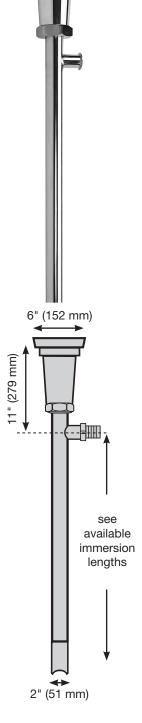
SP-280P Series Motor | Spare Parts

SP-280P-2		Ref #	Description	Part number	Qty
		1	Screw, Motor Cover/Lower Housing	8130P	8
		2	Motor Cover	8000	1
①— î <u> </u>		3	Wave Washer	8125	1
o 1 1 1		4	Bearing, Upper	8331	1
		5	Brush Holder	8508	1
(2)		6	Carbon Brushes, 110/220V	8509*	2
		7	Stator		1
③— ⇔			110V	8503	
(4)— ● (5)			220V	8702	
©		8	Hexagon Nut	8448	2
		9	Lock Washer	8071	2
m. [1]		10	Rod Connector	8506	2
~			Pressure Spring	8507	2
		12	Motor Housing	8510P	1
19 8.		13	Armature	0500	1
7	•		110V	8502	
	-		220V	8701	
	H	14	Guide Disc	8504	1
29 ²⁹ ² 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-(10)	15	Fan	8512	1
	1	16	Bearing, Lower	8126	1
	H	17	Lower Housing	8100	1
		18 19	Motor Coupling	8333*	1
	I -U		Speed Potentiometer 110V	9803	1
			220V	9804	
		20	Gasket	3004	1
			110V	8167	
			220V	8167LVR	
7- 7- 4		21	Switch Housing	01072711	1
d d = = = = = = = = = = = = = = = = = =			Fixed Speed	8001	-
69 6			Variable Speed	8010	
— 15		22	Screw, Switch Housing		4
			110V	8131	
			220V	8131LVR	
		23	Overload Switch		1
			110V	8611	
1 🚅 1-0			220V (w/ Low Voltage Release)	8704LVR	
			220V (w/o Low Voltage Release)	8704	
⊕ —®		24	Cable Clamp	8001-1	1
_		25	Screw, Cable Clamp	8001-2	2
		26	Power Cord		1
			110V	8360-KIT	
			220V	8705-KIT	
		27	Earthing Lead	8183	1
		28	Switch Cover	8002	1
		29	Screw, Switch Cover	8221	5
		N/A	Repair Kit* (Includes Items 6 & 18)		1
			110V - 220V	9055	



Sanitary Progressive Cavity Pumps | SP-800DD Direct Drive

Standard Pump 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 Features

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

- Hygienic Design in FDA Compliant Materials of Construction
- Gentle Product Treatment
- Continuous Flow
- Flow Rates up to 45 I/min
- · Discharge Pressure to 12 bar
- Easy to Clean & Maintain





Technical Specifications

39" (1.000 mm), 47" (1.200 mm) **Immersion Lengths:**

add 5" (127 mm) to the immersion length for 752 series

316 stainless steel (Tube & Rotor assembly), Teflon (stator) **Wetted Components:**

Pump Finish: 32 Ra

IEC motor and Air motor **Motor drives:**

Inlet/Discharge Size: 2" (51 mm) or 1,5" (38 mm). Hose Barb not included

Optional 1,25" (32 mm) hose barb



• 751 & 752 Series: 100.000 cps (mPas) • 851 Series: 10.000 cps (mPas)

Maximum Discharge Pressure:

751 & 1851 Series: 6 Bar 752 Series:

Maximum Flow Rate:

45 I/min (based on water) **1851 Series:** 26 I/min (based on water) 751 Series: 26 I/min (based on water) 752 Series:

Continuous **Duty Cycle:** 148 °C Max. Temperature: 0,25" (6 mm) Max. Solids Size: SiC/Viton/SiC Mechanical Seal: PTFE (Teflon) Stator Material:



Motor Drives



Electric



Air Motor

800DD & 800DD Bag Liner Series

Length	Weight
39" (1.000 mm)	10,80 kg
44" (1.120 mm)	11,30 kg
39" (1.000 mm)	10,43 kg
47" (1.200 mm)	11,30 kg
52" (1.320 mm)	11,80 kg
47" (1.200 mm)	11,30 kg
39" (1.000 mm)	10,80 kg
44" (1.120 mm)	11,30 kg
39" (1.000 mm)	10,43 kg
47" (1.200 mm)	11,30 kg
52" (1.320 mm)	11,80 kg
47" (1.200 mm)	11,30 kg
	39" (1.000 mm) 44" (1.120 mm) 39" (1.000 mm) 47" (1.200 mm) 52" (1.320 mm) 47" (1.200 mm) 39" (1.000 mm) 44" (1.120 mm) 39" (1.000 mm) 47" (1.200 mm) 52" (1.320 mm)







SP-800DD Series | Spare Parts



SP-800DD		Ref #	Description	Part No.	Qty
		1	Motor Coupling (Not Included with Pump Tube)		1
①—— 📶			SP-502, SP-504, SP-508 & SP-A8 Models- 24mm	740	
~			SP-A4 Model - 14mm	744	
(2)—— IIIII			SP-A6 Model - 19mm	747	
			SP-522, SP-524 & SP-528 Models- 28mm	746	
4-		2	Coupling Insert	745	1
		3	Flange Bolt	758	6
	<u> </u>	4	Motor Mount Flange, Aluminum (See Page 10)		1
		5	Bearing Housing Assembly, Aluminum	759	1
⑤──		6	Mechanical Seal Bushing, SS316	702	1
		7	Mechanical Seal, SIC	703	1
		8	Gasket, PTFE	735	1
	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9	Drive Shaft, SS316		1
<u> </u>	1 1		SP-1851-39	705	
	1 1		SP-751-39, SP-752-39, SP-1851-47	706	
	1 1		SP-751-47, SP-752-47	707	
③ ——¯Ō	— (4)	10	Gasket, PTFE	731	1
п		11	Rotor, SS316		1
T	1 1		Size 751	708	
	1 1		Size 752	709	
	1 1		Size 1851	710	
	1 1	12	Gasket, PTFE	738	1
	1 1	13	Set Screw, SS316	757	1
	1 1	14	Outer Tube Assembly, SS316		1
	1 1		SP-1851-39	801	
	1 1		SP-751-39, SP-752-39, SP-1851-47	802	
	1 1		SP-751-47, SP-752-47	803	
	1 1	15	Ring, SS316 (For Use with PTFE Stator Only)	0016	1
	\sqcup	16	Stator Insert, PTFE		1
			Size 751	822	
	<u></u>		Size 752	823	
			Size 1851	824	
	<u> </u>	17	Stator Tube, SS316		1
ll l			SP-800DD-751P-39 & SP-800DD-751P-47	874	
	=		SP-800DD-752P-39 & SP-800DD-752P-47	875	
Ä	F 1		SP-800DD-1851P-39 & SP-800DD-1851P-47	876	
_		18	Stator Tube, Bag Liner Series, SS316		1
⊕—— ○			SP-800DD-751P-39BL & SP-800DD-751P-47BL	874BL	
\bigcap			SP-800DD-752P-39BL & SP-800DD-752P-47BL	875BL	
①—— <i>(</i> //			SP-800DD-1851P-39BL & SP-800DD-1851P-47BL	876BL	
-		19	Tri-Clamp	833	1
Ц		20	Hose Barb		1
	17		1.25 (32 mm)	834	
	\bowtie		1.5 (38 mm)	835	
		21	Hose Barb Gasket Buna	836	1
					······································



Sanitary Progressive Cavity Pumps | SP-850DD Direct Drive

Standard Pumps 850DD series Progressive Cavity/Positive Displacement 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 100.000 mPAS. SP-850 series are FDA compliant by materials of construction, 3A certified and incorporate a hygienic design that enables operators quickly to disassemble and sanitize.







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

Features

- · ATEX and 3A certified
- Hygienic Design in FDA Compliant Materials of Construction
- Gentle Product Treatment
- Continuous Flow
- Flow Rates to 45 I/min
- Discharge Pressure to 12 bar
- · Easy to Clean & Maintain
- Variable Speed Electric & Air Motors



Technical Specifications

Immersion Lengths: 39" (1.000 mm), 47" (1.200 mm)

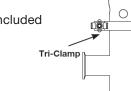
Wetted Components: 316 stainless steel (Tube & Rotor assembly), Teflon (stator)

Pump Finish: 32 R

Motor drives: IEC motor and Air motor

Inlet/Discharge Size: 2" (51 mm) or 1,5" (38 mm). Hose Barb not included

Optional 1,25" (32 mm) hose barb



Maximum Viscosity:

751 Series: 100.000 cps (mPas)
 752 Series: 30.000 cps (mPas)
 1851 Series: 3.000 cps (mPas)

Maximum Discharge Pressure:

• 751 & 1851 Series: 6 Bar

• **752 Series:** 12 Bar

Maximum Flow Rate:

751 Series: 38 l/min (based on water)
752 Series: 43 l/min (based on water)
1851 Series: 61 l/min (based on water)

Duty Cycle:ContinuousMax. Temperature:148 °CMax. Solids Size:0,25" (6 mm)Mechanical Seal:SiC/Viton/SiCStator Material:PTFE (Teflon)

Directive & Classification: ATEX 2014/34/EU, EX II 2G EX h IIB T4 Gb



Electric



Air Motor

850DD Series

Model	Length	Weight	
SP-850DD-751P-39 SP-850DD-752P-39 SP-850DD-1851P-39 SP-850DD-751P-47 SP-850DD-752P-47 SP-850DD-1851P-47	39" (1.000 mm) 39" (1.000 mm) 39" (1.000 mm) 47" (1.200 mm) 47" (1.200 mm) 47" (1.200 mm)	10,80 kg 11,30 kg 10,43 kg 11,30 kg 11,80 kg 11,30 kg	
o. ccc22 .cc	(11200 11111)	. 1,00 kg	





50,50 mm

6.3" 160 mm

0

11.6" 294.6 mm

available

immersion lengths

SP-850DD Series | Spare Parts

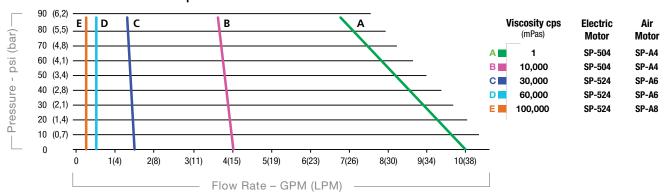


OD OFODD		Ref	Parameters.	David No.	Oh:
SP-850DD		#	Description	Part No.	Qty
		1	Motor Coupling (Not Included with Pump Tube)		1
(<u>1</u>)— 🔚			SP-502, SP-504, SP-508 & SP-A8 Models - 24mm	740	
(2)— Ш			SP-A4 Model - 14mm	744	
			SP-A6 Model - 19mm	747	
\sim			SP-522, SP-524 & SP-528 Models- 28mm	746	
4—			Coupling Insert	745	1
		3	Flange Bolt, SS304	758	6
	<u> </u>		Motor Mount Flange, Aluminum (See Page 17)	050	1
	<u> </u>	5	Bearing Housing Assembly, SS316L	859	1
(5)—		6	Mechanical Seal Bushing, SS316L	851	1
	Se-m	7	Mechanical Seal, SIC	703	1
\ \ \ \		8	Gasket, PTFE	735	1
		9	Drive Shaft/Rotor Assembly, SS316L	000	1
			SP-850DD-751P-39 SP-850DD-751P-47	806 807	
•			SP-850DD-752P-39	808	
(6)— <u> </u>	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		SP-850DD-752P-47	809	
			SP-850DD-1851P-39	810	
			SP-850DD-1851P-47	811	
(8)———		10	Tri-Clamp, SS316	856	1
		11	Tri-Clamp Gasket, Buna	855	1
		12	Outer Tube Assembly, SS316L	- 000	1
			SP-850DD-39	804	
			SP-850DD-47	805	
		13			1
	—(12)		SP-850DD-751P	865	
			SP-850DD-752P	866	
			SP-850DD-1851P	867	
		14	Stator Insert, PTFE		1
			SP-850DD-751P	852	
			SP-850DD-752P	853	
			SP-850DD-1851P	854	
		15	Tri-Clamp	833	1
		16	Hose Barb		1
(9)——			1.25 (32 mm)	834	
			1.5 (38 mm)	835	
		17	Hose Barb Gasket Buna	836	1
	 (13)				
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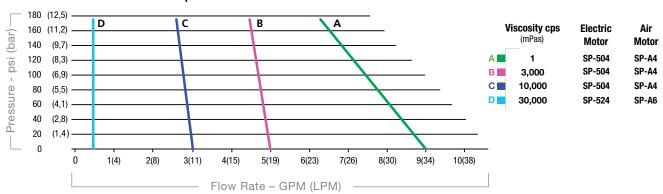


Performance Curves

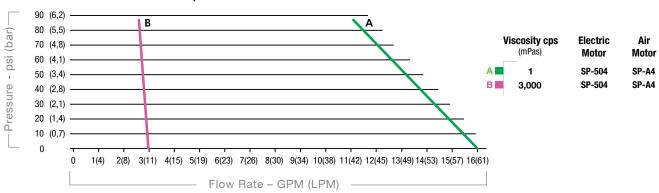
751 Series Pumps



752 Series Pumps



1851 Series Pumps



- Performance Curves are intended to be used as a guide only as individual results may vary.
- Pump Stator Elastomers (Teflon or Buna) may vary performance.
- Performance Curves were created using a 900 RPM motor. Reducing motor speed will decrease pump performance. Do NOT increase motor speed above 1.000 RPM's.
- Pump Curves were created with a Newtonian Polymer (Viscosity remains constant regardless of shear). Non-Newtonian materials (viscosity does not remain constant with shearing) may vary performance.

WARNING: Do NOT increase motor speed above 1.000 RPM's. Failure to comply will result in pump failure and possible injury.





Washdown Electric Motors - 230-460V / 380-415V / 3 / 50-60 Hz

(Interchangeable with DD Series pumps on pages 18 & 20)

Part No.	HP	KW	RPM	Enclosure	Frame	Flange	Gross WT	
SP-504	0.75	0.55	750-900	Washdown	90LC	B14/C140	18 kg	
SP-524*	1.5	1.1	750-900	Washdown	100LC	B14/C160	25 kg	

^{*}indicates pump requires two flanges

Sanitary Pneumatic Motor

(Interchangeable with DD Series pumps on pages 18 & 20)



Part No.	HP	KW	RPM	Enclosure	Frame	Flange	Gross WT
SP-A4	2	1,5	300-900	80 CFM @ 100 psi	IEC#72/D71	1/4" (6.35)	5.4 kg
				37 L/Sec @ 7 Bar			
SP-A6	4	3,0	300-900	130 CFM @ 100 psi	IEC#72/D80	1/2" (12.7)	11.0 kg
				65 L/Sec @ 7 Bar			
SP-A8	5	3,7	300-900	170 CFM @ 100 psi	IEC#72/D90	1/2" (12.7)	11.8 kg
				80 L/Sec @ 7 Bar			

Motor Mounting Flange

Model Number	Flange Part No.	Material of Construction	Frame Size
SP-504	861	SS304	90LC
SP-522	863	SS304	100LC
SP-A4	860	SS304	D71
SP-A6	862	SS304	D80
SP-A8	862	SS304	D90

Note: Following items to be ordered seperately: 833 (tri-clamp), 835 (hose barb), 836 (gasket) for SP-800DD/SP-850DD.

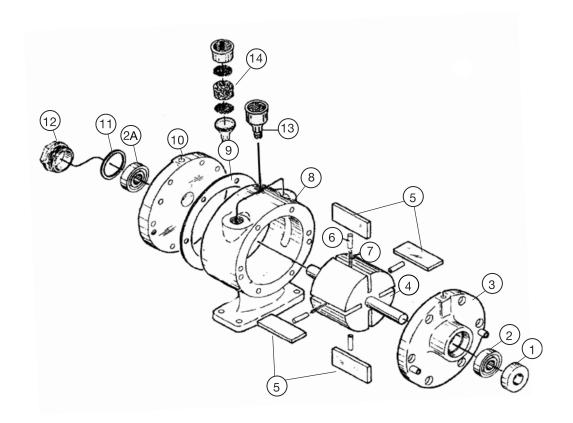
Flange, coupling insert and flange bolts included with the pump. Please consult table above to select proper flange size.



SP-A4 | Spare Parts

Ref #	Description	Part Number	Qty
	Service kit – only service kits are available for parts replacement * Denotes parts included in the Service Kit	K206C	1
1	Shaft Seal	B2328*	1
2	Bearing, Drive End	AB519*	1
2A	Bearing, Dead End	AA299J*	1
3	End Plate, Drive	AK425A	1
4	Rotor Assembly	AM455C	1
5*	Vane		4
6*	Push Pin		4
7*	Vane, Spring		2
8	Body	AM410M	1
9	Shims	B330*	2
10	End Plate, Dead	AB622M	1
1	End Cap, Gasket	AA46*	1
12	End Cap, Dead	AM307D	1
13	Muffler Assembly	AC980	1
14	Muffler Felt	AC983*	1

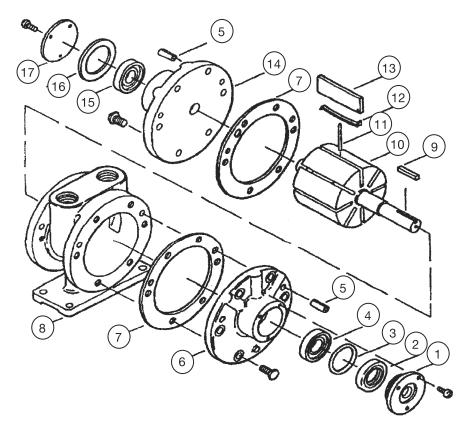
Body styles may differ, depending on specific models.





SP-A6 | Spare Parts

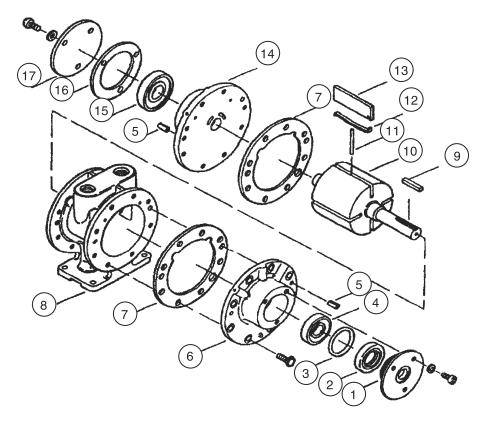
Ref #	Description	Part Number	Qty
	Service kit – only service kits are available for parts replacement * Denotes parts included in the Service Kit	K281A	1
1	End Cap, Drive End	AC998	1
2	Shaft Seal	AK423*	1
3	O-Ring	AC989*	1
4	Bearing, Drive End	AC894B*	1
5	Dowel Pin	AB162C	4
6	End Plate, Drive	AK424	1
7	Body Gasket	AD641*	2
8	Body	AD665D	1
9	Key	AK422	1
10	Rotor Assembly	AD648E	1
11	Push Pin	AD655A*	2
12	Vane, Spring	AD692*	4
13	Vane	AD691*	4
14	End Plate, Dead	AD651	1
15	Bearing, Dead End	AB519*	1
16	End Cap, Gasket	AD644*	1
17	End Cap, Dead End	AD643	1
	Muffler Assembly	AC990	1
	Felt	AC993*	1





SP-A8 | Spare Parts

Ref #	Description	Part Number	Qty
	Service kit – only service kits are available for parts replacement * Denotes parts included in the Service Kit	K282A	1
1	End Cap, Drive End	AC998	1
2	Shaft Seal	AK423*	1
3	O-Ring	AC989*	1
4	Bearing, Drive End	AC894B*	1
5	Dowel Pin	AB162C	4
6	End Plate, Drive	AK424	1
7	Body Gasket	AD641*	2
8	Body	AD665D	1
9	Key	AK422	1
10	Rotor Assembly	AD648E	1
11	Push Pin	AD655A*	2
12	Vane, Spring	AD692*	4
13	Vane	AD691*	4
14	End Plate, Dead	AD651	1
15	Bearing, Dead End	AB519*	1
16	End Cap, Gasket	AD644*	1
17	End Cap, Dead End	AD643	1
	Muffler Assembly	AC990	1
	Felt	AC993*	1





Accessories Sanitary Drum Pumps



Discharge Hose Clamp

Part Number **Description**

9038 Malleable Iron Two Bolt Clamp

Gripping Ridges, Reinforced Lugs

Hose Size from 1-48/64" to 2-3/64" (44,50 mm to 52 mm) Torque Value: 27 ft. lbs. (3,75 kg/m) for Proper Attachment



Sanitary Spouts and Hose Barbs

Part Number 9004	Description Sanitary Spout, SS316L, 1.5" (38 mm), OD 30" (760 mm) Length
9004-18	Sanitary Spout, SS316L, 1.5" (38 mm), OD 18" (457 mm) Length
SPE-833	Tri-Clamp, 1,5", SS316
SPE-8833	Hose Barb 1" (25mm)
SPE-834	Hose Barb 1,25" (32 mm)
SPE-835	Hose Barb 1,5" (38 mm)



Sanitary Pump Tube Wiper

Part Number Description 9009 Sanitary Pump Tube Wiper, Buna







Hand Nozzles

Part Number	Description	Dimensions	Seal
9095	SS 316	1" O.D. (25 mm) Hose Barb intake	Viton
9095	SS 316	³ / ₄ " O.D. (19 mm) Hose Barb intake	Viton
SPE-9097	SS 316	1" O.D. (25 mm) Hose Barb intake	PTFE
SPE-9098	SS 316	³ / ₄ " O.D. (19 mm) Hose Barb intake	PTFE

Goodyear Blue Food Flexwing Hose



Description **Part Number**

9037-A

Premium foodhose for suction and discharge:

Inner Liner: NBR 3 tube, oil and fat resistant. Twin spring steel spiral. Outer liner: CR, blue, oil and fat resistant cover, high flexibility.

Conforms to FDA-3A and USDA standards.

Branding: "Goodyear Blue Food Flexwing NBR3PN10BAR FDA 3A USDA".

Nom. ID	Nom. OD	Bend Radius	Vacuum	Weight	Temp. Range
DIN/in/Dash	mm	mm	in/mm	kg/m	°C
40 /1.5 /-24	50.5	500	27/685.8	1,59	-34 to 104



Chemical, AtEx and Food Hose

Part Number	Description
9034M-B1	³ / ₄ " I.D. x 1.22" O.D. (19 x 31 mm)
9034M-B2	1" x 1.50" O.D. (25 x 38 mm)
9034M-B3	1½" I.D. x 2.01" O.D. (38 x 51mm)
	Max. Operating Pressure: 16 bar
	Datasheet on request.

















Accessories Sanitary Drum Pumps



Hand Clamp

Part Number Description

9005 Stainless Steel 316, Engineered to Vertically Stabilize Pump



Pump Hanger

Part Number Description

Pump Hanger Provides a Convenient Solution

for Attaching the Pump to a Hoist System

Lifting Device

Suitable for Progressive Cavity Pumps for pumping from drums and IBC's

Description Stand with pneumatic lifting mechanism

Max. Lifting Weight 90 kg

Power Supply Depending on the mounted equipment (drum pump or

mixer).

automatic on/off at upper and lower end of lifting range other power supply, please contact your distributor

Outer Dimensions (mm):

Outside 1010 mm x 1600 mm

Inside 850 mm (to fit to an IBC container)

HeightsApp. 2000 mmTotal LiftApp. 1250 mmTotal HeightApp. 2900 mm

Material/Construction:

Anodized Extruded Aluminium Profile

80 mm x 80 mm

Wheels 2 x swivel castors, 2 x fixed castors

Assembled Semi



Three year limited warranty

Standard Pump Europe warrants, subject to the conditions below, through either Standard Pump Europe, it's subsidiaries, or its authorized distributors, to repair or replace free of charge, including labor, any part of this equipment which fails within three years of delivery of the product to the end user. Such failure must have occurred because of defect in material or workmanship and not as a result of operation of the equipment other than in accordance with the instructions given in this material. Specific exceptions include:

- Consumable items such as motor brushes, bearings, couplings and impellers. (Motor brushes
 typically have a life span of approximately 250 hours. This will vary with the manner in which
 the motor is used).
- non-legacy Unibloc Hygienic Technologies, LLC products, subject to one year limited warranty.

Conditions of exceptions include:

- Equipment must be returned by prepaid carriage to Standard Pump Europe, its subsidiary or authorized distributor.
- All repairs, modifications must have been made by or with express written permission by Standard Pump Europe, it's subsidiary or authorized distributor
- Equipment which have been abused, misused, or subject to malicious or accidental damage or electrical surge are excluded.

Warranties purporting to be on behalf of Unibloc Hygienic Technologies, LLC. made by any person, including representatives of Unibloc Hygienic Technologies, LLC, its subsidiaries, or its distributors, which do not fall with-in the terms of this warranty shall not be binding upon Unibloc Hygienic Technologies, LLC unless expressly approved in writing by a Director or Manager of Standard Pump Europe. Information for returning pumps Equipment which has been contaminated with, or exposed to, bodily fluids, toxic chemicals or any other substance hazardous to health must be decontaminated before it is returned to Unibloc Hygienic Technologies, LLC, or its distributor. A returned goods authorization number (RGA #) issued by Standard Pump Europe, its subsidiary or authorized distributor, must be included with the returned equipment. The RGA # is required if the equipment has been used. If the equipment has been used, the fluids that have been in contact with the pump and the cleaning procedure must be specified along with a statement that the equipment has been decontaminated.

STANDARD PUMP

Rønnekrogen 2 3400 Hillerød Denmark

Tel. +45 7023 2100

www.standard-europe.eu



Heating Jackets for 200 ltr. drums & 1000 ltr. IBC

Standard Pump Europe heating jackets are the right solution for keeping media at the required temperature. They are made of water resistant materials and are IP 40 classified (IP54 on request). The heating jackets come with quick release buckles for easy installation and removal. All our heating jackets are supplied with 3 meters of braided power cable and fitted with a 0 to +90°C capillary thermostat. The heating jackets are suitable for metal, PP, PE drums and containers.



Heating Jackets for 200 ltr. drums

SPE-0200-00 **Part Number**

230V AC - 1 x 1200 W Power **Dimensions** 1990 x 800 mm

0 - 90°C **Temperature**

Part Number SPE-0200-01

230V AC - 1 x 530 W **Power Dimensions** 1990 x 450 mm

Temperature 0 - 90°C

Part Number SPE-0200-LID (to be ordered seperately)

Insulation lid for 200 ltr. drums

High Temperature Heating Jacket for 200 ltr. drums

Part Number SPE-0200-02

Power 230V AC - 1 x 1200 W 1990 x 800 mm **Dimensions Temperature** 0 - 200°C

Part Number SPE-0200-LID (to be ordered seperately)

Insulation lid for 200 ltr. drums

Heating Jackets for 1000 ltr. IBCs



Insulation lid

Héating jacket

SPE-1050-02 **Part Number**

Heating Zones 2

Power 230V AC - 2 x 1000 W 4400 x 1000 mm **Dimensions**

0 - 90°C **Temperature**

SPE-1050-03 **Part Number**

Heating Zones

Power 230V AC - 3 x 1000 W 4400 x 1000 mm **Dimensions**

0 – 90°C **Temperature**

Part Number SPE-1050-LID (to be ordered seperately)

Insulation lid for IBC

Base heater for 200 ltr. drums



Part Number SPE-0200-BASE Diameter 550 mm **Thermostat** 0 - 120°C 230V AC - 900W **Power**



AtEx Heating Jackets for 200 ltr. drums & 1000 ltr. IBC

Standard Pump Europe ATEX certified heating jackets are the right solution for heating and maintaining media at the required temperature. They are made of water resistant materials and are IP 65 classified. The ATEX certified heating jackets come with quick release buckles for easy installation and removal. The heating jackets are suitable for metal and PE drums and containers. Complete PTFE (Teflon®) coating for maximum long-life cycle and highest reliability against acids, solvents etc.



AtEx Heating Jackets for 200 ltr. drums

Part Number SPE-0200-EX

Power 230V AC – 1 x 1050 W

Heating ElementSelf-limitingTemperature RangeTo be specifiedDimensions1990 x 800 mm

Part Number SPE-0200-LIDEX (to be ordered seperately)

Insulation lid for 200 ltr. drums



AtEx Heating Jackets for 1000 ltr. IBCs

Part Number SPE-1000-EX

Heating Zones 2

Power 230V AC – 1 x 1500 W

Heating ElementSelf-limitingTemperature RangeTo be specifiedDimensions4400 x 1000 mm

Part Number SPE-1000-LIDEX (to be ordered seperately)

Insulation lid for IBC

Technical Specifications

Heating Element Self-limiting

Ambient Temperature

- 55°C - + 55°C

(jackets for higher temperature on request)

Directive and Classification

AtEx 2014 / 34 / EC - II 3G Ex e II T2 - T5



PlusAir

- the brand of air-operated double diaphragm (AODD) pumps

PlusAir is a product line of Standard Pump Europe and offers a wide range of AODD pumps for many different industries, e.g. Automotive, Chemicals, Paints, Inks or Wastewater to meet requirements in all industries.

PlusAir pumps are made by one of the world-wide leading pump manufacturers who has more than half a century of experience in developing and making AODD pumps.

PlusAir AODD pumps ranging from the light weight Polypropylene (1,3 kg) version with a maximum capacity of 11,7 L/min, to the Stainless Steel version (104 kg) with a maximum capacity of 814 L/min.

Plusair pumps are available in Polypropylene, Groundable Acetal, Aluminium, Stainless Steel, Cast Iron and PVDF.

PlusAir FDA Compliant Pumps are specifically designed for Food Ingredients, Pharmaceutical & Cosmetic applications where 3A, USDA or EHEDG Standards are not required.

All FDA pumps include 316SS passivated satin finished housings, PTFE check valves and capped sanitary center disks. Pumps with aluminum motor become grey PTFE coating. 10RA to 20RA interior Mechanical polish available for some models.



ATEX certified pumps are available in many different sizes, - body and diaphragm materials

For further details please contact your local distributor or Standard Pump Europe.









QUANTM[™]

- the brand of Electric Operated Double Diaphragm (EODD) pumps

Graco QUANTM isn't just another electric pump: it's a game-changer! QUANTM features a revolutionary IE5 Ultra-Premium Efficiency class electric motor design that will reduce operational costs and keeps your production lines running. It is a perfect fit for nearly any fluid applications and a drop-in replacement for existing pumping technologies.

> QUANTM is guieter, lighter, more reliable, and easier for anyone in your team to maintain. QUANTMis available in both Industrial- and Hygienic versions.

Benefits of QUANTM - Electric Operated Double Diaphragm Pump?

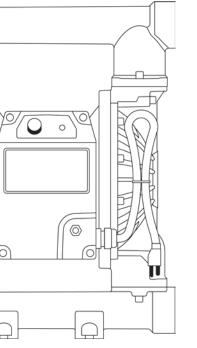
- QUANTM Operates Like AODD Pumps, While Enjoying the Benefits of an Electric Drive
- Competitive Cost Compared to AODD pumps
- No Gear Box Required
- Quiet
- No Freezing
- QUANTM use up to 8X Less Energy than an
- Reduce or Eliminate High Energy Consuming Air-Compressors and see an ROI in Less than 24 Months!
- Built-in Controls
- Integrated I/O (4-20mA) Remote operation and speed control





INDUSTRIAL

HYGIENIC



PUMP OPTIONS

Wetted Section	Aluminum, SST, Poly, PVDF, Cast Iron, Hast	telloy SST
Internals	Same as AODD line	
Connection type	NPT, BSPT, ANSI Flange	Tri Clamp, DIN

TECHNICAL SPECIFICATIONS

Porting Size	1"- 2"	1"- 4"
Flow Range	1 - 450 L/min	
Working Pressure	Up to 7 bar (100 psi)	
Power	240 VAC / 120 VAC, 1 Phase	
Power Consumption	Less than 15 Amps	





EC 1935/2004





II 2 G Ex db IIB T4 Gb IE5 - Efficiency Class



MiniChem

- Air Operated Double Diaphragm pump in virgin PTFE.

MiniChem is designed for the safe transfer of aggressive chemicals and other hazardous liquids in Food-, Phamaceutical-, Chemical- and similar industries.

Benefits of MiniChem - Electric Operated Double Diaphragm Pump?

- Machined from one solid block of PTFE This means no manifold seals and therefore no potential leak paths!
- ATEX certified versions are available in both FDA compliant PTFE and anti-static PTFE.
- Optional Diaphragm Rupture Protection and fully pneumatic Alarm Systems are available.
- 'One Nut' technology for easy maintenance of Diaphragms, Ball Valves, Seats and Air Valve when pump 'In Line'.
- Complete strip-down and re-build possible in less than 20 minutes.
- Flanged and threaded connections available in 1/2" and 1" size - so compatible with existing PTFE-lined pipework
- Dead-Head operation stop/start against closed/open valve without pressure relief or damage.
- Dry running.
- Self Priming suction lifts 2 m dry and 8 m wet
- Lubrication free





PUMP OPTIONS

Wetted Section	virgin PTFE and PTFE (anti-static)
Internals	virgin PTFE and PTFE (anti-static)
Connection type	BSPT, NPT, ANSI & DIN flange

TECHNICAL SPECIFICATIONS

Porting Size	1/2"- 1"	
Flow Range	55 (1/2") - 450 (1") L/min	
Working Pressure	Up to 7.2 bar (104 psi)	









II 2 G Ex db IIB T4 Gb ATEX *special version; compliant up to Gas Group IIC



Mixers, Gear driven agitators

Standard Pumps Europe offers a range of mixers and agitators.

The reliable mixers are intended for e.g. chemicals and other media with water-like viscosity. The mixers are made of stainless steel versions coated with PP, PVC and / or PVDF to achieve the best chemical resistance.

A range of both standard gear-driven agitators and special designs for viscous media up to max. 6,000 mPas.

The different gear types come from leading German manufacturers, which ensures reliability and a high quality agitator.



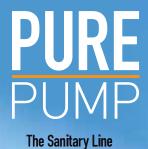
- High Speed Mixers
- Gear Drive Agitators
- IBC Container Mixers
- Stands- & Lifting Equipment
- Agitator Elements
- Storage- & Dosing tanks
- Heating













Drum Pumps for Pharmaceuticals, Food Products and Personal Care





Safety Comes Standard™

STANDARD PUMP

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www.standard-europe.eu

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