

**NEW!**



# PURE --- PUMP

**The Sanitary Line**

**Sanitary Pumps & Metering Systems**

SP-8100 Ultra Flow Series . . . . .	5
SP-8200 Sanitary Series . . . . .	6
SP-800SR Sanitary Series . . . . .	7
SP-8100, SP-8200 & SP-800SR Pump Motors . . . . .	8
SP-800DD Sanitary Series . . . . .	9
SP-800DD Pump Motors . . . . .	10
Performance Curves . . . . .	11
Accessories . . . . .	12
Ultra Mass Batch Control System . . . . .	13
Ultra Mag Series Batch Control System . . . . .	14
Flow Meter & Pump System . . . . .	15

# MARKETS

PHARMACEUTICAL



BIOTECH



COSMETIC



FOOD

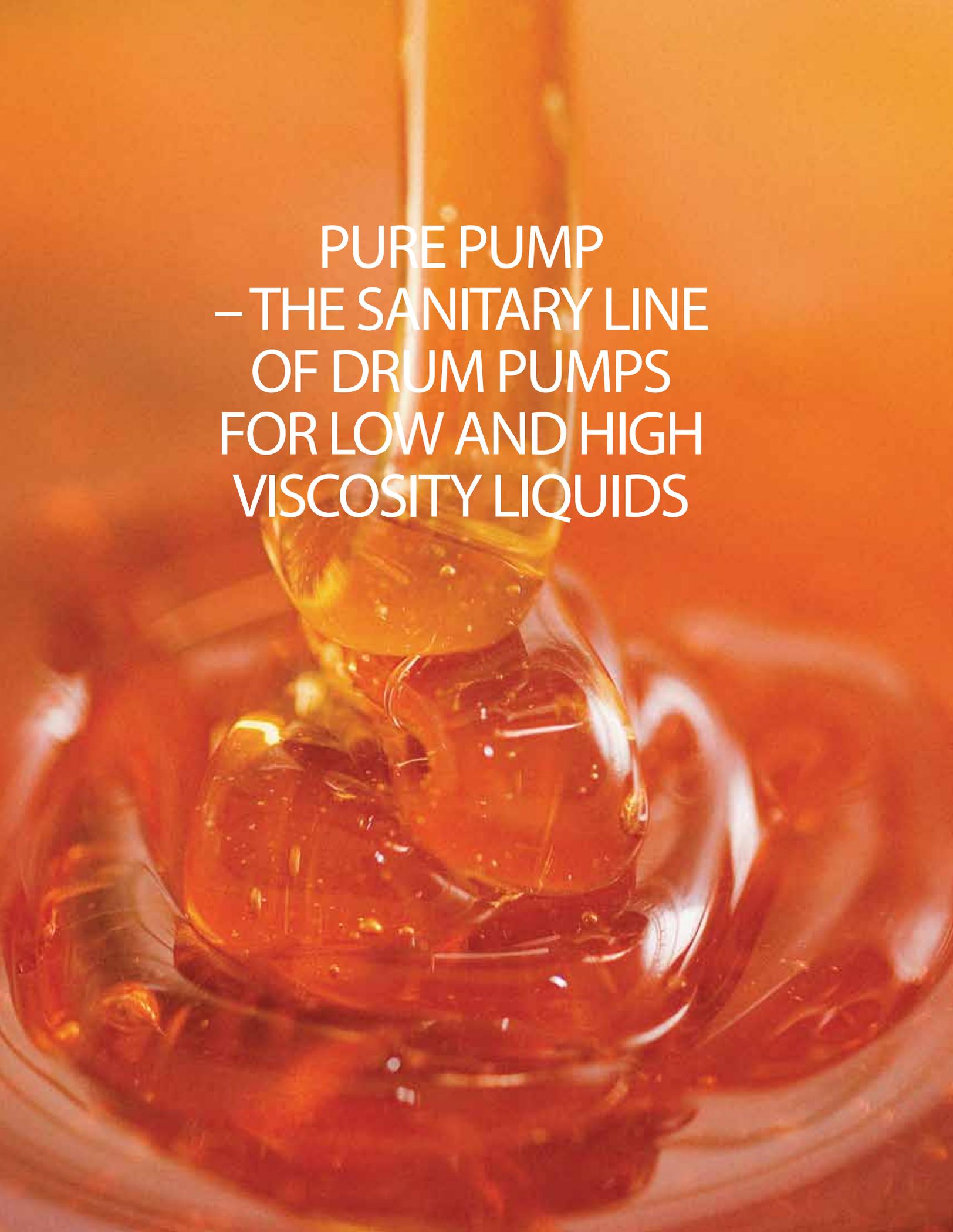


BEVERAGE



POULTRY





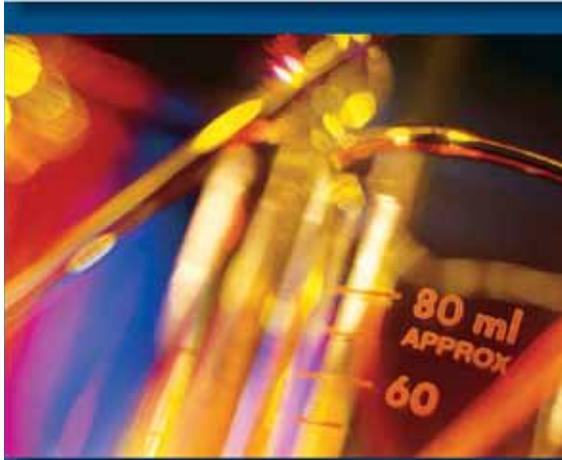
PURE PUMP  
– THE SANITARY LINE  
OF DRUM PUMPS  
FOR LOW AND HIGH  
VISCOSITY LIQUIDS

# Applications

---



**Drums & Barrels**



**Laboratory**



**Large Storage Vessels**



**Stainless Tanks**

# SP-8100 Ultra Flow Series

Standard's 8100 series pump is engineered to transfer low viscosity food products, pharmaceutical materials and personal care solutions from drums, ToteTanks® and kettles. The pumps' wetted surfaces are constructed with FDA compliant materials which provide an ideal solution for sanitary applications.



## Features

- FDA Compliant Materials
- Flow Rates To 32 GPM (121 LPM)
- Easy To Clean
- Tri-Clamp Fittings
- Light Weight & Portable
- Variable Speed Motors

## Common Applications

- Sauces
- Dairy Products
- Pharmaceutical Materials
- Wine & Beer
- Juices
- Cosmetic Fragrances

## Motor Drives



SP-280 Series



SP-ENC Series



SP-400-2 Series



SP-A1 Series

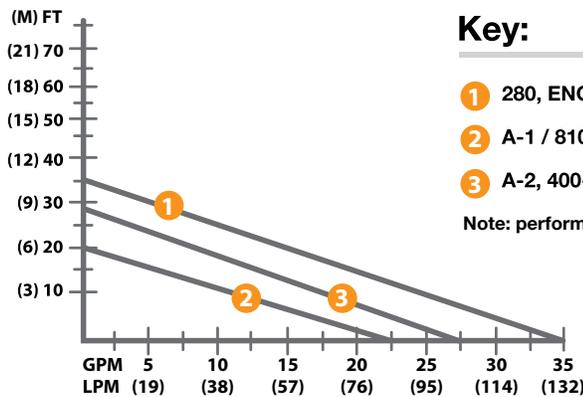
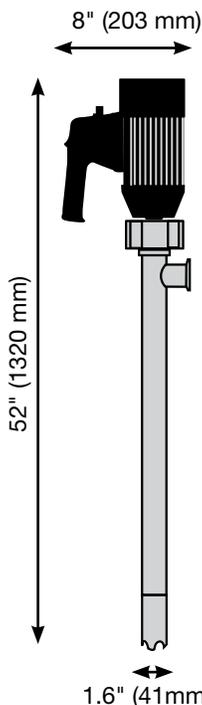


SP-A2 Series

## Technical Specifications

<b>Model Number:</b>	SP-8100-39 SP-8100-47
<b>Immersion Length:</b>	39" (1000 mm) 47" (1200 mm)
<b>Wetted Components:</b>	316 SS, Teflon & Buna
<b>Motor Drive:</b>	SP-ENC, SP-280P, SP-A1, SP-A2, SP-400-2
<b>Inlet/Discharge:</b>	1.6" (41 mm) / 1.25" (32 mm)
<b>Maximum Viscosity:</b>	1,000 cps (mPAS)
<b>Maximum Flow Rate:</b>	32 GPM (121 LPM)
<b>Maximum Discharge Pressure:</b>	16 psi (1,1 bar) based on water
<b>Pump Weight:</b>	11 lbs (5 kg) motor weight varies upon model
<b>Maximum Temperature:</b>	175° F (80° C)

## Flow Curves



Note: Pump is constructed with FDA compliant materials; however, the system does not have FDA certification.

# SP-8200 Sanitary Series

**Standard's 8200 Series** pump is engineered to transfer low viscosity food products, pharmaceutical materials and personal care solutions from drums, ToteTanks® and kettles. The pumps' wetted surfaces are constructed with FDA compliant materials which provide an ideal solution for sanitary applications.



## Features

- FDA Compliant Materials
- Flow Rates To 15 GPM (57 LPM)
- Discharge Pressure 70 FT (22 M)
- Easy To Clean
- Tri-Clamp Fittings
- Light Weight & Portable
- Variable Speed Motors

## Common Applications

- Sauces
- Dairy Products
- Pharmaceutical Materials
- Wine & Beer
- Juices
- Cosmetic Fragrances

## Motor Drives



SP-280 Series



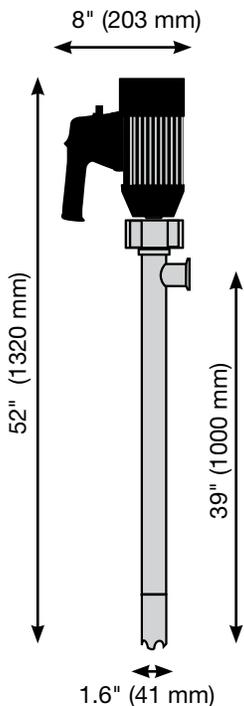
SP-ENC Series



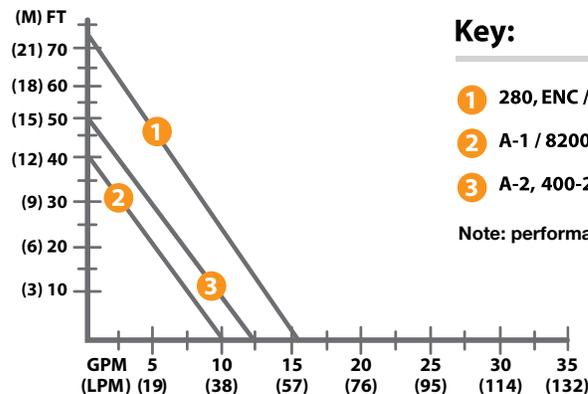
SP-400-2 Series

## Technical Specifications

<b>Model Number:</b>	SP-8200-39 SP-8200-47
<b>Immersion Length:</b>	39" (1000 mm) 47" (1200 mm)
<b>Wetted Components:</b>	316 SS, Buna & Teflon
<b>Motor Drive:</b>	SP-ENC, SP-280P, SP-A1, SP-A2, SP-400-2
<b>Inlet/Discharge:</b>	1.6" (41 mm) / 1.25" (32 mm)
<b>Maximum Viscosity:</b>	1,000 cps (mPAS)
<b>Maximum Discharge Pressure:</b>	32 psi (2,2 bar) based on water
<b>Maximum Flow Rate:</b>	15 GPM (57 LPM)
<b>Pump Weight:</b>	11 lbs (5 kg) motor weight varies upon model
<b>Maximum Temperature:</b>	175° F (80° C)



## Flow Curves



### Key:

- 1 280, ENC / 8200 Pump Tube
- 2 A-1 / 8200 Pump Tube
- 3 A-2, 400-2 / 8200 Pump Tube

Note: performance based on water



SP-A1 Series

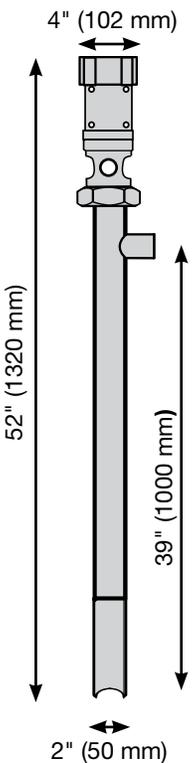


SP-A2 Series

**Note:** Pump is constructed with FDA compliant materials; however, the system does not have FDA certification.

# SP-800SR Sanitary Series

Standard's 800SR Series Pumps are engineered specifically for transferring viscous food products, pharmaceutical materials and cosmetic lotions from drums, ToteTanks® and kettles. The progressive cavity design delivers a continuous flow of material with little product degradation. Maximum viscosity is **25,000 cps (mPAS)**.



## Common Applications

- Pie Fillings
- Tomato Paste
- Lotions
- Juice Concentrates
- Chocolate
- Shampoo

## Technical Data

<b>Design:</b>	Progressive Cavity / Positive Displacement
<b>Maximum Viscosity:</b>	25,000 cps (mPAS)
751 & 752 Series	10,000 cps (mPAS)
1851 Series	
<b>Discharge Port:</b>	1.5" (38 mm) Tri-Clamp Hose Barb, Optional 1.25" (32 mm)
<b>Stator Materials:</b>	Teflon or White Buna
<b>Mechanical Seal:</b>	SiC/Viton/SiC
<b>Immersion Lengths:</b>	27" (700 mm) 39" (1000 mm) 47" (1200 mm)
	<i>Please add 6" (150 mm) to the immersion length of pump for the 752 series pumps.</i>
<b>Wetted Material:</b>	Tube & Rotor Assembly: 316 Stainless Steel Stator Material: Teflon or White Buna
<b>Pump Finish:</b>	316 SS Polished to 32 Ra
<b>Fittings:</b>	Large Type Acme Thread design enables operator to disassemble pump quickly for cleaning, maintenance and inspection
<b>Maximum Flow Rate:</b>	12 GPM (45 LPM) <i>based on water</i>
1851 Series	7 GPM (26 LPM) <i>based on water</i>
751 & 752 Series	
<b>Maximum Discharge Pressure:</b>	87 psi (6 bar)
751 & 1851 Series	174 psi (12 bar)
752 Series	
<b>Bag Liner Series:</b>	Optional pump intake design available for applications with hygienic liners

## Benefits

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



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

**Note:** Pump is constructed with FDA compliant materials; however, the system does not have FDA certification.

## Motor Drives



SP-280 Series



SP-ENC Series



SP-400-2 Series

## Bag Liner Series



Pump Intake

# SP-8100, SP-8200 & SP-800SR Pump Motors

## SP-280P Series



MODEL	ENCLOSURE	POWER	WATT	V.S.D.	SHIPPING WT	
					lbs	(kgs)
SP-280P	Open Drip Proof (IP44)	110-120V/1/50-60Hz	825	No	9.0	(4,0)
SP-280P-V	Open Drip Proof (IP44)	110-120V/1/50-60Hz	825	Yes	9.0	(4,0)
SP-280P-2	Open Drip Proof (IP44)	220-240V/1/50-60Hz	825	No	9.0	(4,0)
SP-280P-2-V	Open Drip Proof (IP44)	220-240V/1/50-60Hz	825	Yes	9.0	(4,0)

SP-280 Series



Warning: Not suitable for pumping flammable or combustible liquids

V.S.D. = Variable Speed Drive

## SP-ENC Series



MODEL	ENCLOSURE	POWER	WATT	V.S.D.	SHIPPING WT	
					lbs	(kgs)
SP-ENC	TEFC (IP54)	110-120V/1/50-60Hz	825	No	12.7	(5,7)
SP-ENC-V	TEFC (IP54)	110-120V/1/50-60Hz	825	Yes	12.7	(5,7)
SP-ENC-2	TEFC (IP54)	220-240V/1/50-60Hz	825	No	12.7	(5,7)
SP-ENC-2-V	TEFC (IP54)	220-240V/1/50-60Hz	825	Yes	12.7	(5,7)

SP-ENC Series



Warning: Not suitable for pumping flammable or combustible liquids

V.S.D. = Variable Speed Drive

## SP-400 Series



MODEL	ENCLOSURE	POWER	WATT	V.S.D.	SHIPPING WT	
					lbs	(kgs)
SP-400-2	Explosion Proof	220-240V/1/50-60Hz	550	No	24.0	(11,0)

SP-400-2 Series



May be used for pumping flammable or combustible liquids and must be used with stainless pump tube only

## SP-A2 Series



MODEL	CONSUMPTION	MAX. INLET PRESSURE	OUTPUT
SP-A2	28 CFM @ 90 psi	100 psi	3/4 Hp
	13.2 L/sec @ 6,2 bar	6,8 bar	560 W
SP-A2L (trigger lock)	28 CFM @ 90 psi	100 psi	3/4 Hp
	13.2 L/sec @ 6,2 bar	6,8 bar	560 W

SP-A2 Series



Not recommended for use on SP-800SR Series pumps

## SP-A1 Series



MODEL	CONSUMPTION	MAX. INLET PRESSURE	OUTPUT
SP-A1	22 CFM @ 90 psi	100 psi	1/2 Hp
	10.4 L/sec @ 6,2 bar	6,8 bar	370 W

SP-A1 Series



Not recommended for use on SP-800SR Series pumps

# SP-800DD Sanitary Series

Standard's 800DD Series Pumps are engineered specifically for transferring viscous food products, pharmaceutical materials and cosmetic lotions from drums, ToteTanks® and kettles. The progressive cavity design delivers a continuous, smooth flow of material with little product degradation. Maximum viscosity is **100,000 cps (mPAS)**.



## Common Applications

- Pie Fillings
- Juice Concentrates
- Tomato Paste
- Chocolate
- Lotions
- Shampoo

## Motor Drives



## Technical Data

**Design:** Progressive Cavity / Positive Displacement

**Maximum Viscosity:**  
751 & 752 Series 100,000 cps (mPAS)  
1851 Series 10,000 cps (mPAS)

**Discharge Port:** 1.5" (38 mm) Tri-Clamp Hose Barb, Optional 1.25" (32 mm)

**Stator Materials:** Teflon or White Buna

**Mechanical Seal:** SiC/Viton/SiC

**Immersion Lengths:**  
27" (700 mm)  
39" (1000 mm)  
47" (1200 mm)

*Please add 6" (150 mm) to the immersion length of pump for the 752 series pumps*

**Wetted Material:** Tube & Rotor Assembly: 316 Stainless Steel

**Pump Finish:** 316 SS Polished to 32 Ra

**Motor Drives:** TEFC, Washdown, Stainless Steel & Air

**Fittings:** Large Type Acme Thread design enables operator to disassemble pump quickly for cleaning, maintenance and inspection B14/C140-160

**Mounting Flange:**  
**Maximum Flow Rate:**  
1851 Series 12 GPM (45 LPM) based on water  
751 & 752 Series 7 GPM (26 LPM) based on water

**Maximum Discharge Pressure:**  
751 & 1851 Series 87 psi (6 bar)  
752 Series 174 psi (12 bar)

**Bag Liner Series:** Optional pump intake design available for applications with hygienic liners



TEFC Electric Motor



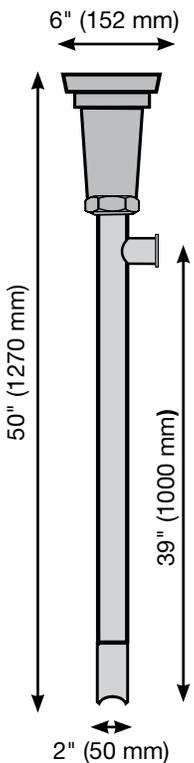
Washdown Electric Motor



Stainless Steel Electric Motor



Pneumatic Motor



## Benefits

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

### 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:** Pump is constructed with FDA compliant materials; however, the system does not have FDA certification.

# SP-800DD Pump Motors

## TEFC Motors — 230-460V / 380-415V / 3 / 50-60 Hz

(Interchangeable with DD Series pumps on page 7)

MODEL	HP	KW	RPM	ENCLOSURE	FRAME	FLANGE	SHIPPING WT lbs (kg)
SP-502	0.75	,55	750-900	TEFC (IP55)	90LC	B14/C140	40 (18)
SP-512*	1	,75	750-900	TEFC (IP55)	100LC	B14/C160	52 (24)
SP-522*	1.5	1,1	750-900	TEFC (IP55)	100LC	B14/C160	58 (25)
0017	Motor wiring for 230V/3/50-60 Hz which includes 570, 571, 572, 8708						

TEFC  
Electric Motor



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

(Interchangeable with DD Series pumps on page 7)

MODEL	HP	KW	RPM	ENCLOSURE	FRAME	FLANGE	SHIPPING WT lbs (kg)
SP-504	0.75	0,55	750-900	Washdown	90LC	B14/C140	40 (18)
SP-514*	1	0,75	750-900	Washdown	100LC	B14/C160	52 (24)
SP-524*	1.5	1,1	750-900	Washdown	100LC	B14/C160	58 (25)
0017	Motor wiring for 230V/3/50-60 Hz which includes parts 570, 571, 572, 8708						

Washdown  
Electric Motor



## Stainless Steel Motors — 230-460V / 380-415V / 3 / 50-60 Hz

(Interchangeable with DD Series pumps on page 7)

MODEL	HP	KW	RPM	ENCLOSURE	FRAME	FLANGE	SHIPPING WT lbs (kg)
SP-508	0.75	0,55	750-900	Encapsulated	90LC	B14/C140	65 (30)
SP-518*	1	0,75	750-900	Encapsulated	100LC	B14/C160	96 (44)
SP-528*	1.5	1,1	750-900	Encapsulated	100LC	B14/C160	115 (52)
0017	Motor wiring for 230V/3/50-60 Hz which includes parts 570, 571, 572, 8708						

Stainless Steel  
Electric Motor



## Sanitary Pneumatic Motor

(Interchangeable with DD Series pumps on page 7)

MODEL	HP	kW	RPM	AIR CONSUMPTION	FRAME	Air CONN. Inch ( mm)	SHIPPING WT LBS ( Kg)
SP-A4FP	2	1,5	300-900	80 CFM @ 100 psi 37 L/Sec @ 7 bar	IEC#72/D71	1/4" (6,35)	12.0 (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)	24.0 (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)	26.0 (12,0)

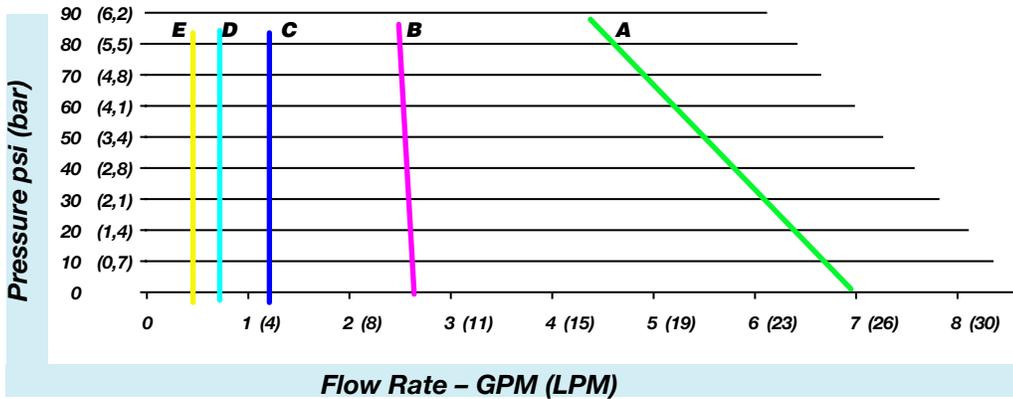
Pneumatic Motor



\*Indicates pump requires two flanges

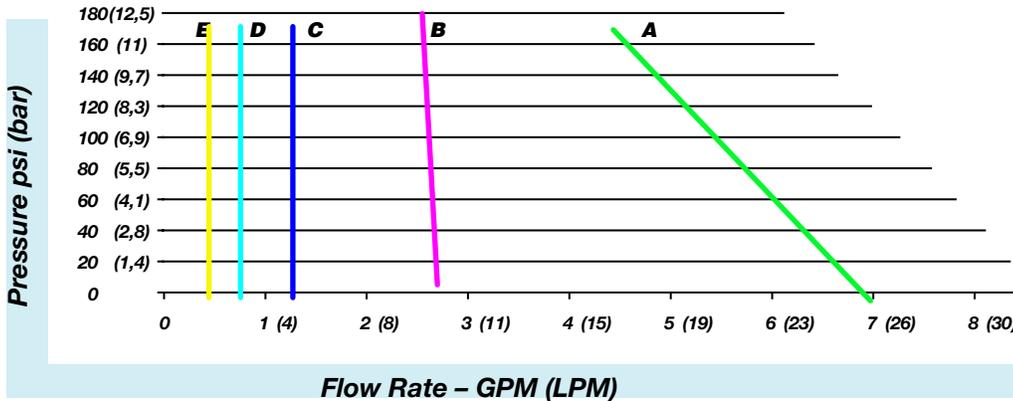
# Performance Curves

## 751 Series Pumps



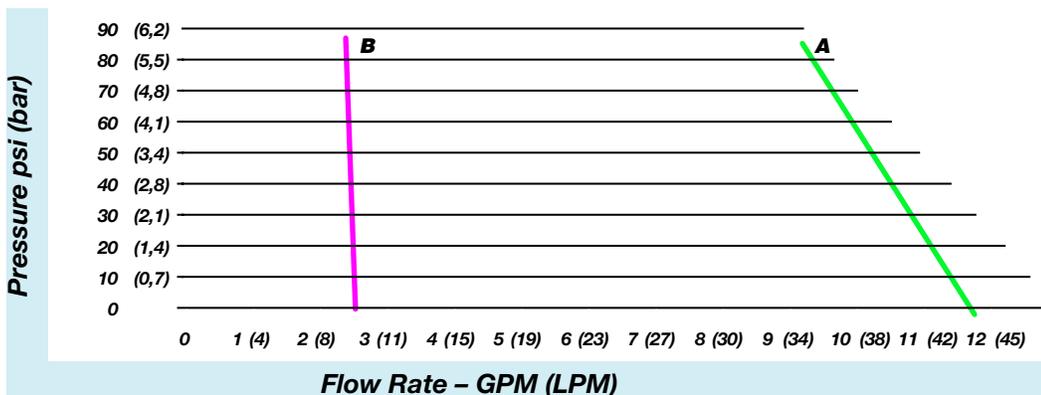
Viscosity cps (mPAS)	Electric HP (KW)	Air HP (KW)
1	.75 (.55)	2 (1.5)
10,000	.75 (.55)	2 (1.5)
30,000	1 (.75)	4 (3)
60,000	1 (.75)	4 (3)
100,000	1.5 (1.1)	5 (3.7)

## 752 Series Pumps



Viscosity cps (mPAS)	Electric HP (KW)	Air HP (KW)
A 1	.75 (.55)	2 (1.5)
B 10,000	.75 (.55)	2 (1.5)
C 30,000	1 (.75)	4 (3)
D 60,000	1 (.75)	4 (3)
E 100,000	1.5 (1.1)	5 (3.7)

## 1851 Series Pumps



Viscosity cps (mPAS)	Electric HP (KW)	Air HP (KW)
A 1	.75 (.55)	2 (1.5)
B 10,000	.75 (.55)	2 (1.5)

### Technical Notes

- Performance Curves are intended to be used as a guide only as individual results may vary.
- Pump Stator Elastomers (Teflon, Viton 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 900 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.

# Accessories

---

## DISCHARGE HOSE CLAMP

---

Part Number  
**9038** Malleable iron two bolt clamp  
Gripping ridges, reinforced lugs  
Hose size from 1.75 (44,5 mm) to 2.05" (53 mm)  
(44.50 mm to 27 mm)  
Torque Value: 27 ft lbs (3,75 Kg /m)



## PLICORD® GRAY FOOD TRANSFER HOSE

---

Part Number  
**9037**

Flexible hose for gravity flow, pressure or suction service transferring edibles from tank truck and in-plant service. Construction: White Chemivic® synthetic rubber (FDA/USDA, 3A Sanitary Standard 18-03 compliant). Cover: Spiral-ply synthetic fabric with Galvanized Wire helix. Branding: Continuous spiral brand "Goodyear Plicord Gray Food; FDA, 3/A & USDA 150 psi."



Nom. ID in/mm	Nom. OD in/mm	Max WP psi/bar	Bend Radius in/mm	Vacuum in/mm	Weight lb-ft/kg-m	Temp Range F°/C°
1.5 / 38,1	1.97 / 50,04	150 / 10,2	4.0 / 102	29 / 736,6	0.85 / 1,26	-25 to 180 / -32 to 82

Plicord® & Chemivic® are registered trademarks of The Goodyear Tire & Rubber Company

## PUMP HANGER

---

Part Number  
**8430** Pump Hanger For Direct Drive Series



## HAND CLAMP

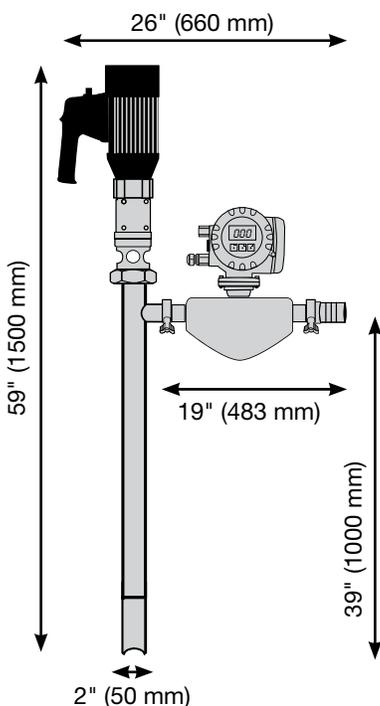
---

Part Number  
**9005** Engineered to vertically stabilize pump on open top containers



# Ultra Mass Series Batch Control System

Standard's Ultra Mass Batch Control System is designed for high precision dosing applications from drums, ToteTanks® and kettles. Simply dial in your desired volume or weight and the Ultra Mass BCS will deliver a preset dose of product – virtually hands free. The systems components meet 3A Third Party Verification (TPV) Sanitary Standards insuring the highest quality product suitable for the Food Processing, Pharmaceutical, Dairy and Bio-Tech industries.



## Features

- 3A (TPV) Components
- FDA Compliant Materials
- Low Shear Design
- Easy to Clean
- Tri-Clamp Fittings
- Interface Capabilities: HART, PROFIBUS, PA/DP, FOUNDATION FIELDBUS
- Suitable for Conductive & Non-Conductive Solutions
- Quick Setup Menus for In-field Commissioning

## Common Applications

- Sauces
- Creams
- Dairy Products
- Shampoo & Conditioner
- Pharmaceutical Materials
- Pie Fillings

## Technical Specifications

<b>Wetted Components:</b>	316SS (32 Ra or better), Teflon
<b>Motor Drive:</b>	Variable Speed / TEFC (IP54) / 1 HP (825w)
<b>Inlet/Discharge:</b>	2" (50 mm) / 1.5" (38 mm)
<b>Metering Principle:</b>	Coriolis Mass Flow Technology
<b>System Accuracy:</b>	+/- .30% of Reading
<b>Check Valve:</b>	316L Stainless Steel
<b>Mechanical Pump Seal:</b>	SiC / Viton / SiC
<b>Pump Design:</b>	Progressive Cavity
<b>Immersion Length:</b>	39" (1000 mm)
<b>Maximum Solid Size:</b>	.25" (6 mm)
<b>Maximum Temperature:</b>	185° F (85° C)
<b>Viscosity Range:</b>	
P/N: 8500 (110v), 8501 (220v)	1-10,000 cps (mPAS)
P/N: 8513 (110v), 8514 (220v)	10,000-25,000 cps (mPAS)
<b>Maximum Discharge Pressure:</b>	
P/N: 8500 (110v), 8501 (220v)	43 psi (3 bar) <i>based on water</i>
P/N: 8513 (110v), 8514 (220v)	87 psi (6 bar) <i>based on water</i>
<b>Maximum Flow Rate:</b>	
P/N: 8500 (110v), 8501 (220v)	8 GPM (30,2 LPM) <i>based on water</i>
P/N: 8513 (110v), 8514 (220v)	3 GPM (11,3 LPM) <i>based on water</i>
<b>System Weight:</b>	58 lbs (26 kg)
<b>Bag Liner Series:</b>	Optional pump intake design available for applications with hygienic liners



**Note:** Pump and meter is constructed with FDA compliant materials; however, the system does not have FDA certification.

# Ultra Mag Series Batch Control System

**Standard's Sanitary Batch Control System** is engineered for bulk, precision dosing and filling operations from drums, ToteTanks® and kettles - virtually hands free. This system utilizes a non-invasive Full Bore Magmeter for flow / volume measurement. Simply dial in desired volume, press enter, and the Sanitary Batch Control delivers a preset volume of material within .05% accuracy. The system is an excellent solution for conductive food products, pharmaceuticals, and cosmetic materials.



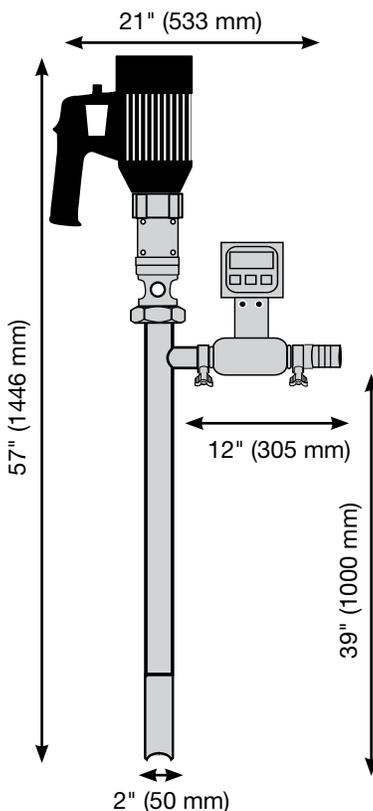
## Features

- Large Graphic Display
- .05% +/- Repeatability
- Non-Invasive Measurement
- Max. Viscosity 25,000 cps (mPAS)
- Standard Or Metric Units Of Measure
- Tri-Clamp Fittings
- Low Shear Design
- Easy To Clean Design
- Multi-language Display
- Measures Volume
- 3A Certification

## Common Applications

- Lotions
- Chocolate
- Juice Concentrates
- Pharmaceuticals
- Shampoo
- Pie Fillings
- Brine
- Tomato Paste

## Technical Specifications



<b>Wetted Parts:</b>	316 SS (32 Ra finish or better) & Teflon
<b>Motor Drive:</b>	TEFC (IP 54) 110v or 230v
<b>Inlet / Discharge Size:</b>	2" (50 mm) / 1.5" (38 mm)
<b>Pump Seal:</b>	Mechanical SiC / Viton / SiC
<b>Pump Design:</b>	Progressive Cavity / Positive Displacement
<b>Metering Principle:</b>	Full Bore Mag Flowmeter
<b>Viscosity Range:</b>	
P/N: 8300 (110v), 8301 (220v)	1-10,000 cps (mPAS)
P/N: 8313 (110v), 8314 (220v)	10,000-25,000 cps (mPAS)
<b>Maximum Discharge Pressure:</b>	
P/N: 8300 (110v), 8301 (220v)	43 psi (3 bar) <i>based on water</i>
P/N: 8313 (110v), 8314 (220v)	87 psi (6 bar) <i>based on water</i>
<b>Maximum Flow Rate:</b>	
P/N: 8300 (110v), 8301 (220v)	10 GPM (38 LPM) <i>based on water</i>
P/N: 8313 (110v), 8314 (220v)	3 GPM (11,3 LPM) <i>based on water</i>

<b>System Weight:</b>	54 lbs (24 Kg)
<b>Immersion Length:</b>	39" (1000 mm)
<b>Conductivity:</b>	System requires 5 micro-semans (µS/cm) of conductivity
<b>Bag Liner Series:</b>	Optional pump intake design available for applications with hygienic liners

### Bag Liner Series



**Pump Intake**

**Note:** Pump and meter is constructed with FDA compliant materials; however, the system does not have FDA certification.

# Flow Meter & Pump System

**Standard's Flow Meter & Pump System** is engineered to dispense and meter materials from drums, ToteTanks® and kettles. The system includes a 3A Sanitary Transfer Pump in addition to a 3A Turbine Flow Meter. The Meter offers a truly hygienic design and accurate performance. A two-piece design enables operators to quickly disassemble and clean internal components. In addition, the unique design eliminates the need for internal locking rings. The proven Flow Meter & Pump System is an excellent choice for metering low viscosity liquids.



## Features

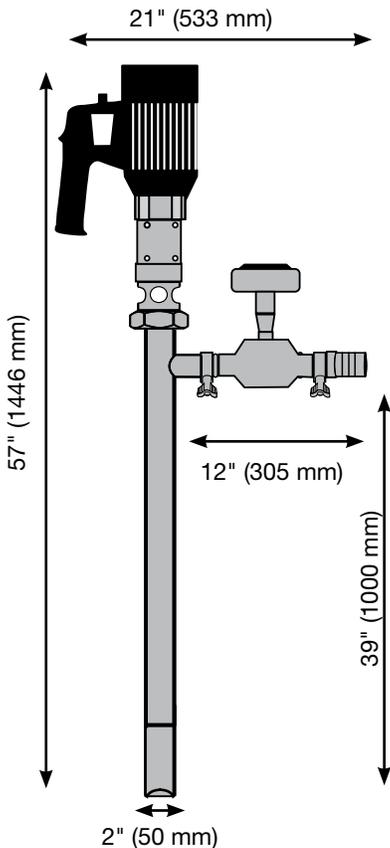
- Tri-Clamp Fittings
- Turbine Paddle Wheel
- Easy to Clean Design
- 3A Certification
- Viscosity to 100 cps (mPAS)
- Remote Mount Meter Display

## Common Applications

- Milk
- Brine Solutions
- Beer
- Filtered Juice
- Water
- Filtered Wine

## Technical Specifications

<b>Wetted Parts:</b>	316SS (32Ra or better), Teflon, Rulon 641
<b>Accuracy:</b>	+/- 0.5% (.10% Repeatability)
<b>Maximum Viscosity:</b>	100 cps m/PAS
<b>Flow Range:</b>	10 GPM (38 LPM) <i>based on water</i>
<b>Inlet / Discharge:</b>	2" (50 mm) / 1.5" (38 mm) Tri-Clamp Hose Barb
<b>Pump Seal:</b>	Mechanical SiC / Viton / SiC
<b>Pump Design:</b>	Progressive Cavity / Positive Displacement
<b>Motor Drive:</b>	TEFC 110v or 230v / Variable Speed Control
<b>Maximum Discharge Pressure:</b>	70 psi (4,8 bar)
<b>System Weight:</b>	40 lbs (18 Kg)
<b>Immersion Length:</b>	39" (1000 mm)
<b>Maximum Temperature:</b>	250° F (121° C)
<b>Meter Power Supply:</b>	12 v/DC
<b>Bag Liner Series:</b>	Optional pump intake design available for applications with hygienic liners



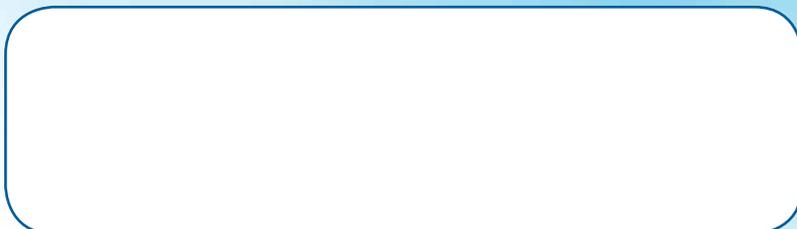
Pump Intake

**Notes:** Pump and meter is constructed with FDA compliant materials; however, the system does not have FDA certification. Remote mount display to 90 ft (27 m)



DRUM PUMPS FOR  
PHARMACEUTICALS  
FOOD PRODUCTS AND  
PERSONAL CARE

Distributed By:



**STANDARD PUMP**  
*Europe*

Volundsvej 12  
3400 Hillerod  
Denmark

Tel +45 70 23 21 00  
Fax +45 70 23 56 55

[www.pure-pump.eu](http://www.pure-pump.eu)

**STANDARD**  
*Pump, Inc.*

1540 University Dr.  
Auburn, GA 30011 USA

1.866.558.8611  
Tel 770.307.1003  
Fax 770.307.1009