STANDARD PUMP Europe

Product Catalogue 2018

Drum Pumps & Metering Systems
Air-Operated-Double Diaphragm Pumps






PURE PUMP

The Sanitary Line

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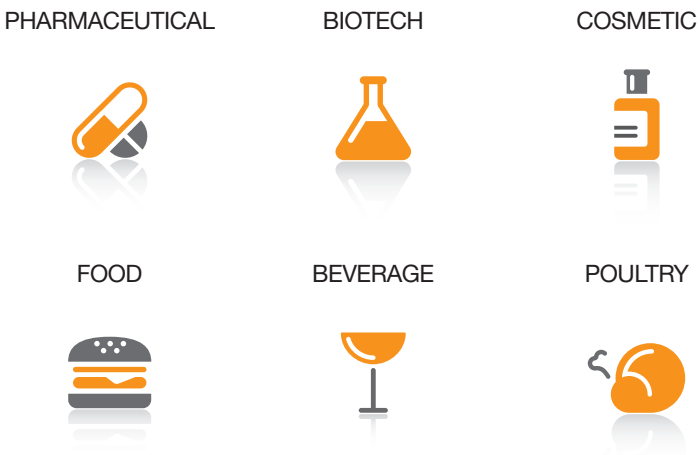
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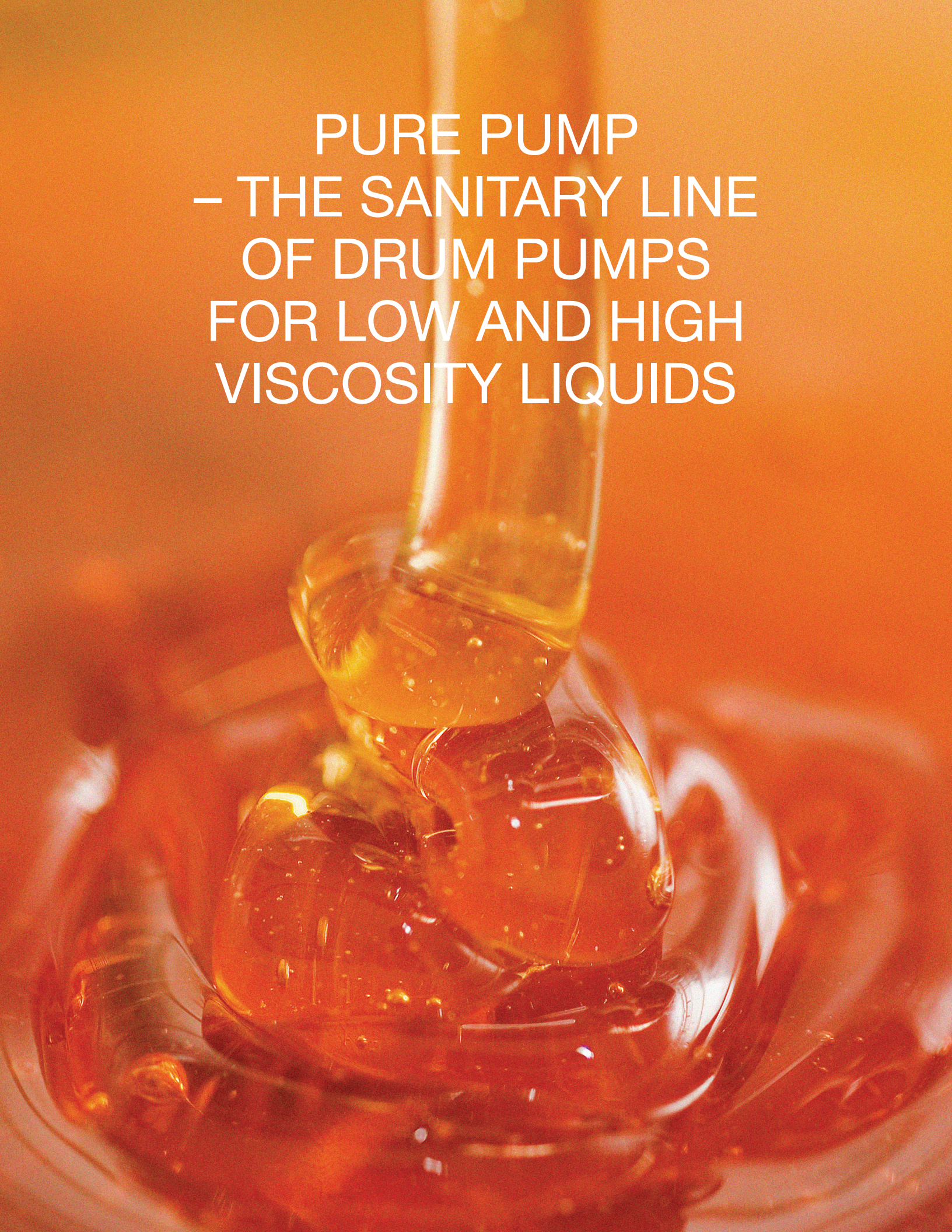
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Industries with essential demand on hygiene



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



APPLICATIONS



Drums & Barrels



Laboratory



Large Storage Vessels



Stainless Tanks

SP-8600 / SP-8700 Series

Standard Pumps' SP-8600 series sanitary centrifugal pumps offer the ideal solution for transferring juices, concentrates, beer, wine, and cosmetic fragrances from barrels, kettles and Tote Tanks®. 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.

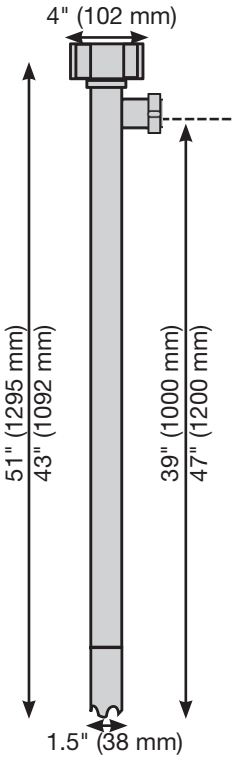


Common Applications

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

Features

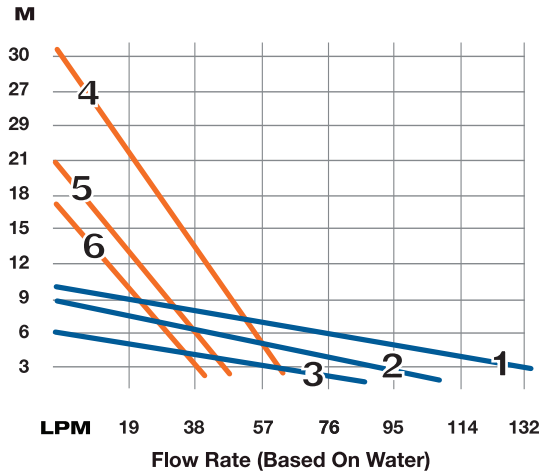
- FDA Compliant Materials of Construction
- Flow Rates to 132 LPM
- Discharge Pressure to 2,9 bar
- Easy to Clean
- Tri-Clamp Fittings
- Light Weight & Portable
- Variable Speed Electric & Air Motors



Technical Specifications

Model Number:	SP-8600-39, SP-8600-47 SP-8700-39, SP-8700-47
Immersion Length:	39" (1000 mm) 47" (1200 mm)
Wetted Components:	SS316L, Teflon & Buna
Motor Drive:	SP-280P and SP-ENC series, SP-A1, SP-A2, SP-420-EX
Inlet/Discharge Size:	1.5" (38 mm) / 1" (25 mm) Tri-Clamp and hose barb not included
Maximum Viscosity:	1,000 cps (mPAS)*
Maximum Discharge Pressure:	2,9 bar
Maximum Flow Rate:	132 LPM
Pump Weight:	5 kg (does not include motor weight which varies upon model)
Maximum Liquid Temperature:	80° C, ATEX: 40° C

Flow Curves



KEY:

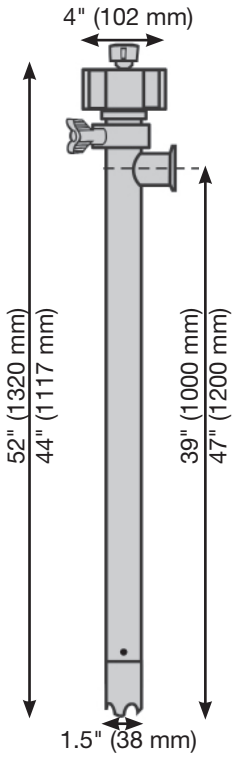
1 8600 Pump Tube / SP-280P, SP-ENC
2 8600 Pump Tube / SP-A2, SP-420EX
3 8600 Pump Tube / SP-A1
4 8700 Pump Tube / SP-280P, SP-ENC
5 8700 Pump Tube / SP-A2, SP-420EX
6 8700 Pump Tube / SP-A1

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

SP-8800 and SP-8900 Sanitary Series

Standard's SP-8800 and SP-8900 series sanitary centrifugal pumps offer the ideal solution for transferring dairy products, pharmaceuticals, juices, concentrates, beer, wine, and cosmetic fragrances from barrels, kettles and Tote Tanks®. The SP-8800 and SP-8900 series pumps are 3A certified and incorporate a hygienic design that enables operators quickly to disassemble and sanitize.





Common Applications

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

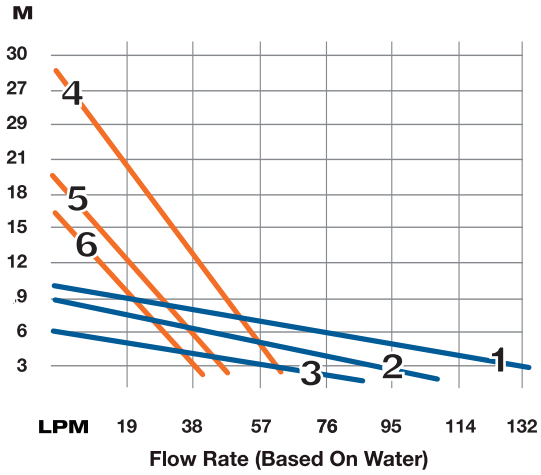
Features

- 3A Certified
- Flow Rates to 132 LPM
- Discharge Pressure to 2,8 bar
- Easy to Clean
- Tri-Clamp Fittings
- Light Weight & Portable
- Variable Speed Electric & Air Motors

Technical Specifications

Model Number:	SP-8800-39, SP-8800-47 SP-8900-39, SP-8900-47
Immersion Length:	39" (1000 mm) 47" (1200 mm)
Wetted Components:	SS316L, Teflon & Buna
Motor Drive:	SP-280P and SP-ENC series, SP-A1, SP-A2, SP-420EX
Inlet/Discharge Size:	1.5" (38 mm) / 1" (25 mm) Tri-Clamp and hose barb not included
Maximum Viscosity:	1,000 cps (mPAS)*
Maximum Discharge Pressure:	2,8 bar
Maximum Flow Rate:	132 LPM
Pump Weight:	5 kg (does not include motor weight which varies upon model)
Maximum Liquid Temperature:	80° C, ATEX: 40° C

Flow Curves



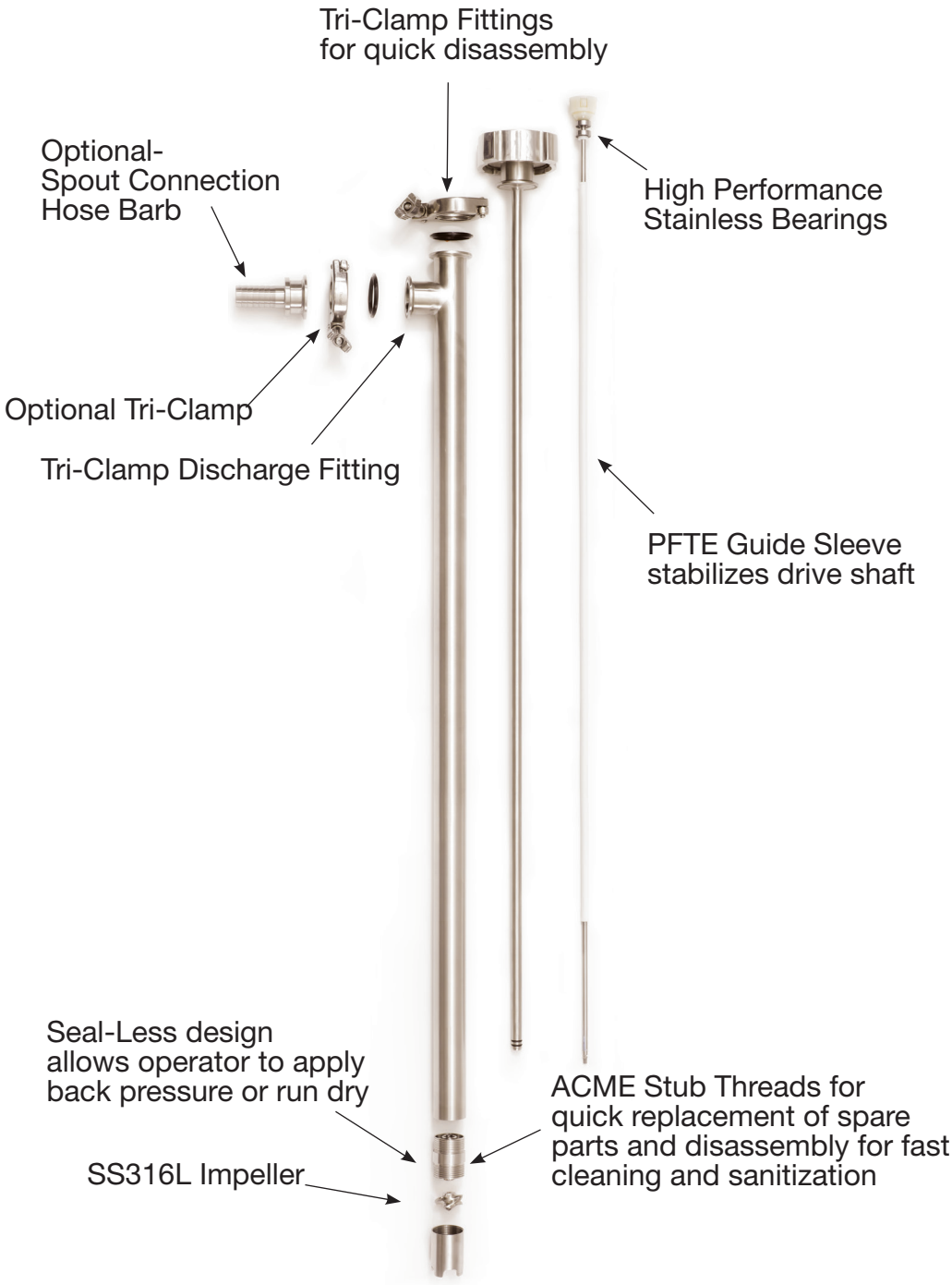
KEY:

1 8800 Pump Tube / SP-280P, SP-ENC
2 8800 Pump Tube / SP-A2, SP-420EX
3 8800 Pump Tube / SP-A1
4 8900 Pump Tube / SP-280P, SP-ENC
5 8900 Pump Tube / SP-A2, SP-420EX
6 8900 Pump Tube / SP-A1

Note: Pump is constructed with FDA compliant materials; however, the system does not have FDA certification. The SP-8800 and SP-8900 series pumps are 3A certified.
*Pump is intended for intermittent use.

SP-8800-SP-8900 series

Hygienic Design Enables Operators To Disassemble, Clean and Sanitize



SP-8600 - SP-8900 & SP-800SR | Pump Motors



SP-280P series for SP-8600, SP-8700, SP-8800 and SP-8900 series

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

NOTE: V.S.D. = Variable Speed Drive

Warning: Not suitable for pumping flammable or combustible liquids. Warning: Not recommended for use with the SP-800SR Series pump.



SP-ENC series for SP-800SR, SP-8600, SP-8700, SP-8800 and SP-8900

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

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



SP-420 Serie for SP-800SR, SP-8600, SP-8700, SP-8800 and SP-8900

MODEL	ENCLOSURE	POWER	WATT	V.S.D.	WT (kg)
SP-420EX	Explosion Proof	220-240V/1/50-60Hz	600	No	7,7

See warning at bottom of page. NOTE: V.S.D. = Variable Speed Drive



SP-A1 for SP-8600, SP-8700, SP-8800 and SP-8900 series

MODEL	CONSUMPTION	MAXIMUM INLET PRESSURE	OUTPUT	WT kg
SP-A1	22 CFM @ 90 psi	100 psi	1/2 HP	1,2
	(10.4 L/sec @ 6,2 bar)	(6,8 bar)	(370 W)	

See warning at bottom of page. Warning: Not recommended for use with the SP-800SR Series pump.



SP-A2 series for SP-8600, SP-8700, SP-8800 and SP-8900 series

MODEL	CONSUMPTION	MAXIMUM INLET PRESSURE	OUTPUT	WT kg
SP-A2	28 CFM @ 90 psi	100 psi	3/4 HP	1,5
	(13.2 L/sec @ 6,2 bar)	(6,8 bar)	(560 W)	
SP-A2TL	28 CFM @ 90 psi	100 psi	3/4 HP	1,5
(trigger lock)	(13.2 L/sec @ 6,2 bar)	(6,8 bar)	(560 W)	

See warning at bottom of page. Warning: Not recommended for use with the SP-800SR Series pump.

WARNING: Pumping of flammables or combustible liquids can generate a static electric discharge, causing fire or explosion resulting in injury or death. Read and understand operating instructions before starting this unit. Follow all federal, state and local safety codes including NFPA 30 - NFPA77. Prior to connecting to air supply, install bond and ground wires and check continuity of each wire. A meter reading of one ohm or less is required for safe liquid transfer. Use only metallic drum, receiving vessel and metallic pump when pumping flammables. Air motors are not recognized under any current Underwriter's Laboratory listing program. Consult a qualified engineer for suitability for use in a hazardous area or on flammables.

APPLICATIONS





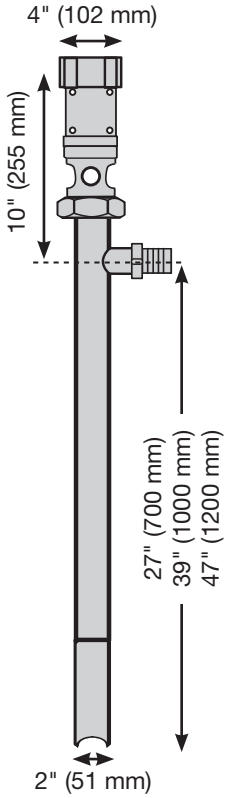




SP-800SR | Sanitary Series

Standard's 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.
Wetted Components:	Tube & Rotor Assembly: 316 Stainless Steel Stator Material: Teflon or White Buna
Pump Finish:	32 Ra
Motor Drives:	SP-ENC, Variable Speed, SP-420EX Explosion Proof
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 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 LPM based on water • 751& 752 Series 26 LPM based on water
Duty Cycle:	Intermittent (30 Min. Intervals)
Pump Weight:	7,7 kg - 11 kg Varies upon model, does not include motor weight
Maximum Temperature:	
	• Teflon Stator 148° C • Buna Stator 85° C
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

Motor Drive



SP-ENC Series



SP-420EX

Bag Liner Series Pump Intake





⚠ Warning: Not suitable for pumping flammable or combustible liquids.
Note: Pump is constructed with FDA compliant materials.
Note: Refer to page 8 for motor information.

Specialized Pump Intake Design

Engineered for Applications with Hygienic Liners



Bag Liner Series
Pump Intake



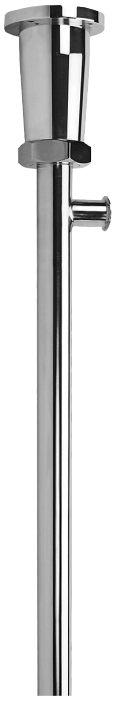


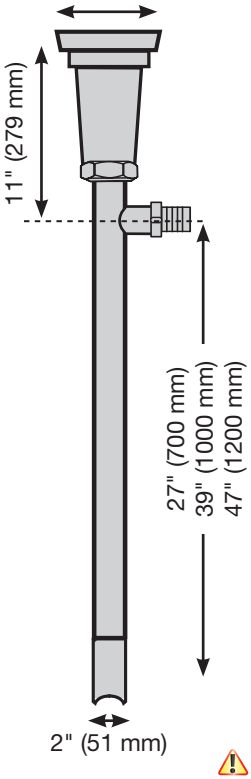




SP-800DD | Sanitary Series

Standard's 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

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
Wetted Components:	Tube & Rotor Assembly: 316 Stainless Steel Stator Material: Teflon or White Buna
Pump Finish:	32 Ra
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	100,000 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 LPM based on water
• 751& 752 Series	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	148° C
• Buna Stator	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

3A FDA

Motor Drives



Electric



Stainless Steel



Air Motor

Bag Liner Series Pump Intake



⚠ Note: Pump is constructed with FDA compliant materials.
Note: Refer to page 14 for motor information.

Specialized Pump Intake Design

Engineered for Applications with Hygienic Liners



Bag Liner Series
Pump Intake









SP-800DD | Pump Motors



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



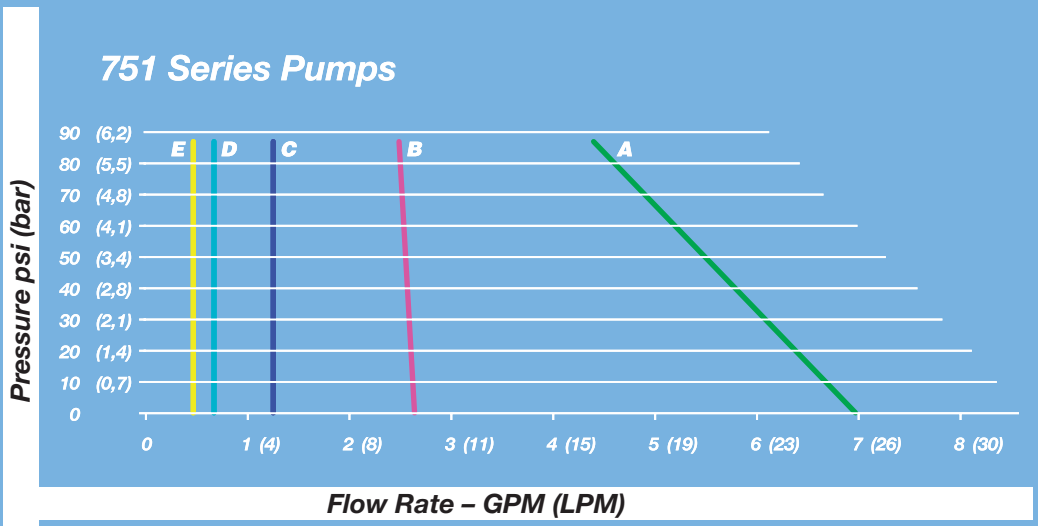
Air Motor

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

Note: Motors are intended for use with SP-800DD pump on page 12.

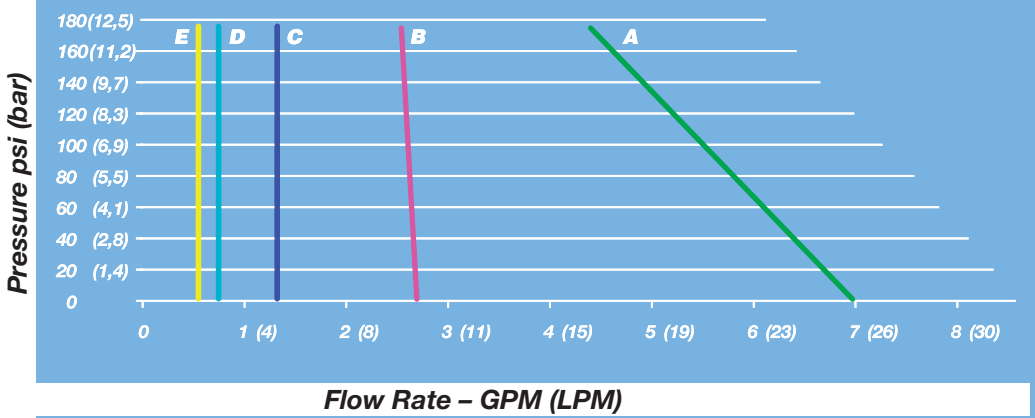
Performance Curves

751 Series Pumps



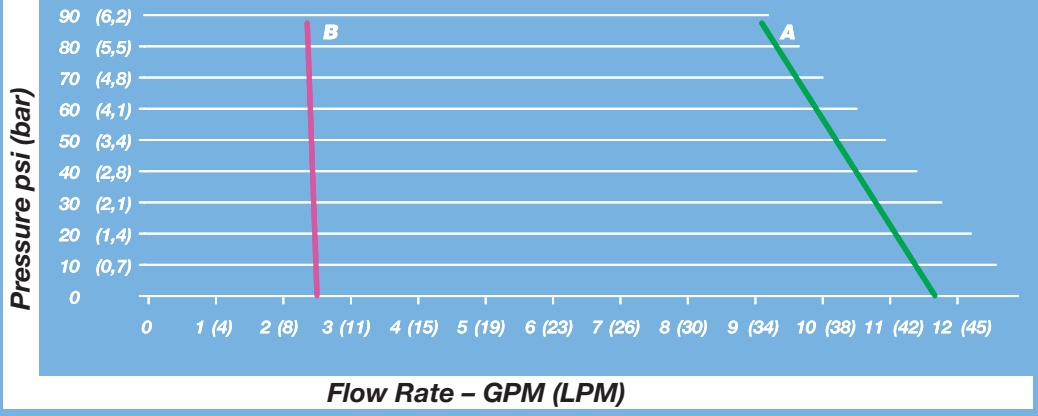
	Viscosity cps (mPas)	Electric HP (KW)	Air HP (KW)
A	1	.75 (,55)	2 (1,5)
B	10,000	.75 (,55)	2 (1,5)
C	30,000	1 (,75)	4 (3)
D	60,000	1 (,75)	4 (3)
E	100,000	1.5 (1,1)	5 (3,7)

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 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.

⚠ **WARNING:** Do NOT increase motor speed above 900 RPM's. Failure to comply will result in pump failure and possible injury.

Accessories

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



Goodyear Blue Food Flexwing Hose

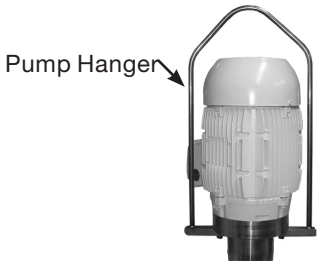
PART NUMBER	DESCRIPTION
9037-A 1" **9037-A 1½"**	Premium foodhose for discharge: Inner Liner: NBR 3 tube, oil and fat resistant. Twin spring steel spiral. Outer liner: CR, blue, oil and fat resistant cover, high flexibility. Conforms to FDA-3A and USDA standards. Branding: "Goodyear Blue Food Flexwing NBR3PN10BAR FDA 3A US



Nom. ID in/mm	Nom. OD in/mm	Max WP Bar	Bend Radius in/mm	Vacuum Bar	Weight kg-m	Temp Range C°
1,0/25,4	1.46/37	10	3,9/100	0,9	0,850	-30 to +93
1,5/38	1,96/50	10	6,1/155	0,9	1,340	-30 to +93

PUMP HANGER

PART NUMBER	DESCRIPTION
8430	Pump Hanger Provides a Convenient Solution for Attaching the Pump to a Hoist System



HAND CLAMP, SPOUT, TUBE WIPER and TRI-CLAMP

PART NUMBER	DESCRIPTION
9005	Hand Clamp, SS316 Construction, Engineered to Vertically Stabilize Pump type SP-8600 in Open Top Containers
9004	Sanitary Spout, SS316L, 1,5" (38mm) O.D, 30" (760mm) length
9009	Sanitary Pump Tube Wiper, Food Grade Buna, 50mm I.D. suitable for SP-800 series
9009-01	Sanitary Pump Tube Wiper, Food Grade Buna, 37mm I.D. suitable for SP-8600-SP-8900
833	Tri-Clamp, 1,5", SS316
834	Hose Barb 1,25" (32mm)
835	Hose Barb 1,5" (38mm)













Heating Jackets for 200 ltr. drums and 1000 ltr. IBCs

Standard Pump Europe's 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

Part no.: SPE-0200-00
Power: 230V AC - 1x1200 W
Dimensions: 1990x800mm

Part no.: SPE-0200-01
Power: 230V AC - 1x530 W
Dimensions: 1990x450mm

High temperature heating Jacket for 200 ltr. drums

Part no.: SPE-0200-02
Power: 230V AC - 1x1200 W
Dimensions: 1990x800mm



Heating Jackets for 1000 ltr. IBCs

Part no.: SPE-1050-02
Heating Zones: 2
Power: 230V AC - 2x1000 W
Dimensions: 4400x1000mm

Part no.: SPE-1050-03
Heating Zones: 3
Power: 230V AC - 3x1000 W
Dimensions: 4400x1000mm

Part no.: SPE-1050-LID (to be ordered seperately
Insulation lid for IBC



Base heater for 200 ltr. drums

Part no.: SPE-0200-BASE
Diameter: 550mm
Thermostat: 0-150° C
Power: 230V - 900W

AtEX Heating Jackets for 200 ltr. drums and 1000 ltr. IBCs

Standard Pump Europe's heating jackets for the AtEX 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 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 no.: SPE-0200-EX
Power: 230V AC - 1x1050 W
Heating element: Self-limiting
Temperature range: To be specified
Dimensions: 1990x800mm

Part no.: SPE-0200-LIDEX (to be ordered seperately)
Insulation lid for 200 ltr. drums



AtEx Heating Jackets for 1000 ltr. IBCs

Part no.: SPE-1000-EX
Heating Zones: 2
Power: 230V AC - 1x1500 W
Heating element: Self-limiting
Temperature range: To be specified
Dimensions: 4400x1000mm

Part no.: SPE-1000-LIDEX (to be ordered seperately)
Insulation lid for IBC

Technical Data

Heating element: Self-limiting
Ambient temperature: -55° C - +55° C
Directive and classification: AtEx 94/9EC – II 3G Ex e II T5

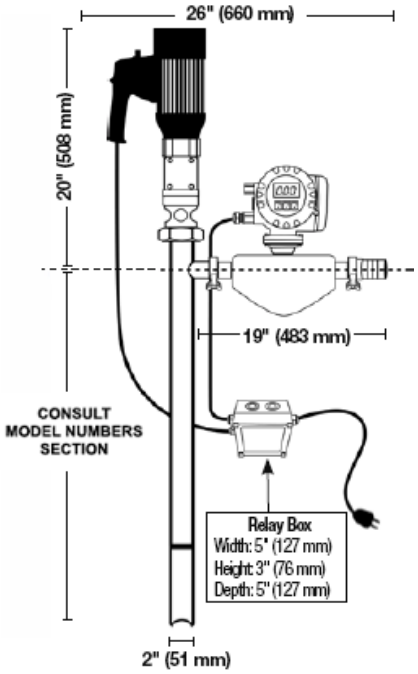
METERING SYSTEMS



Ultra Mass Series ELECTRIC| Batch Control System
- for non-conductive liquids -

Standard's Ultra Mass Batch Control is an innovative system designed for 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 system's components are 3A certified insuring the highest quality product suitable for the Food Processing, Pharmaceutical, Dairy and Bio-Tech industries.





Common Applications

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

Features

- 3A (TPV) Certified 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

Technical Specifications

Design:	Progressive Cavity / Positive Displacement	
Immersion Length:	39" (1000 mm), 44" (1120mm) upon request	
Wetted Components:	316SS, PTFE and SiC	
Pump Finish:	32 Ra	
Motor Drive:	SP-ENC (IP54), Variable Speed	
Inlet/Discharge Size:	2" (51 mm) / 1.5" (38 mm)	
Viscosity Range:		
	P/N: 8500 (110v), 8501 (220v)	1-10,000 cps (mPAS)
	P/N: 8513 (110v), 8514 (220v)	10,000-25,000 cps (mPAS)
Maximum Discharge Pressure:		
	P/N: 8500 (110v), 8501 (220v)	3 bar based on water
	P/N: 8513 (110v), 8514 (220v)	6 bar based on water
Maximum Flow Rate:		
	P/N: 8500 (110v), 8501 (220v)	30,2 LPM based on water
	P/N: 8513 (110v), 8514 (220v)	11,3 LPM based on water
Duty Cycle:	Intermittent (30 Min. Intervals)	
System Weight:	26 kg	
Maximum Temperature:		
	85° C	
Maximum Solid Size:	.25" (6 mm)	
Mechanical Seal:	SiC / Viton / SiC	
Metering Principle:	Coriolis Mass Flow Meter Technology	
Check Valve:	316 Stainless Steel	
System Accuracy:	+/– .30% of Reading	
Bag Liner Series:	Optional pump intake design available for applications with hygienic liners	

Bag Liner Series Pump Intake



Note: Pump and meter are constructed with FDA compliant materials.

Ultra Mass Series AIR | Batch Control System
- for non-conductive liquids -

Standard's Ultra Mass Batch Control is an innovative system designed for 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 system's components are 3A certified insuring the highest quality product suitable for the Food Processing, Pharmaceutical, Dairy and Bio-Tech industries.

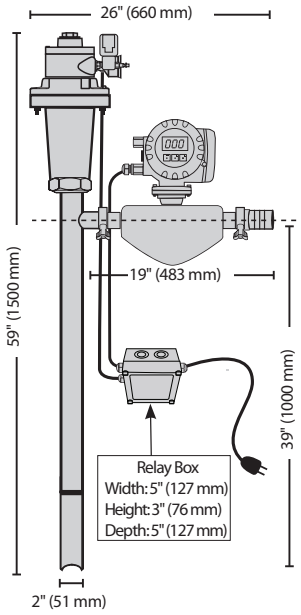


Common Applications

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

Features

- 3A (TPV) Certified 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



Technical Specifications

Design:	Progressive Cavity / Positive Displacement	
Immersion Length:	39" (1000 mm), 44" (1120mm) upon request	
Wetted Components:	316SS & PTFE	
Pump Finish:	32 Ra	
Motor Drive:	SP-A4FP (1,5kW) AIR	
Inlet/Discharge Size:	2" (51 mm) / 1.5" (38 mm)	
Viscosity Range:	P/N: 8540 (110v), 8541 (220v)	1-10,000 cps (mPAS)
	P/N: 8550 (110v), 8551 (220v)	10,000-25,000 cps (mPAS)
Maximum Discharge Pressure:		
	P/N: 8540 (110v), 8541 (220v)	3 bar based on water
	P/N: 8550 (110v), 8551(220v)	6 bar based on water
Maximum Flow Rate:		
	P/N: 8540 (110v), 8541 (220v)	30,2 LPM based on water
	P/N: 8550 (110v), 8551 (220v)	11,3 LPM based on water
Duty Cycle:	Intermittent (30 Min. Intervals)	
System Weight:	26 kg	
Maximum Temperature:	85° C	
Maximum Solid Size:	.25" (6 mm)	
Mechanical Seal:	SiC / Viton / SiC	
Metering Principle:	Coriolis Mass Flow Meter Technology	
Check Valve:	316 Stainless Steel	
System Accuracy:	+/– .30% of Reading	
Bag Liner Series:	Optional pump intake design available for applications with hygienic liners	

Bag Liner Series Pump Intake

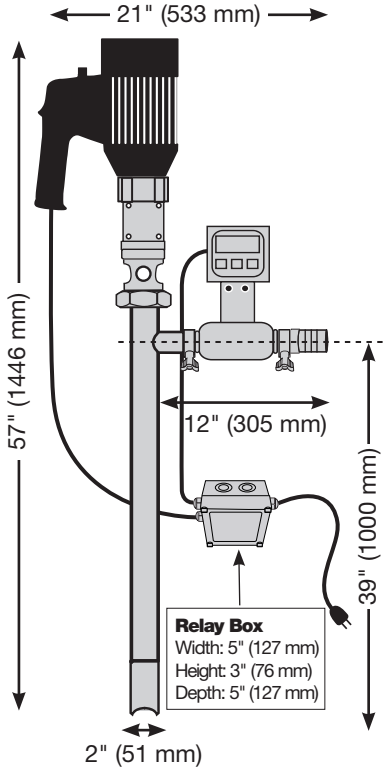


Note: Pump and meter are constructed with FDA compliant materials.

Ultra Mag Series ELECTRIC | Batch Control System
- for conductive liquids -

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





Common Applications

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

Features

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

Technical Specifications

Design:	Progressive Cavity / Positive Displacement	
Immersion Length:	39" (1000 mm), 44" (1120mm) upon request	
Wetted Components:	316 SS & PTFE	
Pump Finish:	32 Ra	
Motor Drive:	SP-ENC (IP54), Variable Speed	
Inlet/Discharge Size:	1.5" (38 mm)	
Viscosity Range:	P/N: 8300 (110v), 8301 (220v)	1-10,000 cps (mPAS)
	P/N: 8313 (110v), 8314 (220v)	10,000-25,000 cps (mPAS)
Maximum Discharge Pressure:		
	P/N: 8300 (110v), 8301 (220v)	3 bar based on water
	P/N: 8313 (110v), 8314 (220v)	6 bar based on water
Maximum Flow Rate:	P/N: 8300 (110v), 8301 (220v)	30,2 LPM based on water
	P/N: 8313 (110v), 8314 (220v)	11,3 LPM based on water
Duty Cycle:	Intermittent (30 Min. Intervals)	
System Weight:	24 Kg	
Maximum Temperature:		
	100° C	
Maximum Solid Size:	.25" (6 mm)	
Mechanical Seal:	SiC / Viton / SiC	
Metering Principle:	Full Bore Mag Flow Meter	
Check Valve:	316 Stainless Steel	
System Accuracy:	+/– 0.2% of reading (+/– .5% Repeatability)	
Conductivity:	System requires 5 micro-semans (µS/cm) of conductivity	
Bag Liner Series:	Optional pump intake design available for applications with hygienic liners	

Bag Liner Series Pump Intake



Note: Pump and meter are constructed with FDA compliant materials.

Ultra Mag Series AIR | Batch Control System
- for conductive liquids -

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



Common Applications

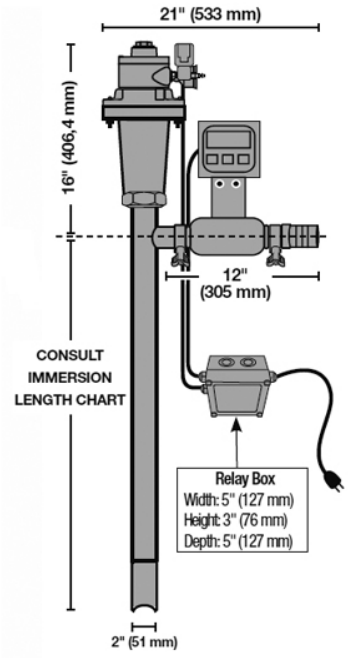
- Lotions
- Chocolate
- Juice Concentrates
- Brine
- Shampoo
- Pie Fillings
- Pharmaceuticals
- Tomato Paste

Features

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

Technical Specifications

Design:	Progressive Cavity / Positive Displacement	
Immersion Length:	39" (1000 mm), 44" (1120mm) upon request	
Wetted Components:	316 SS & PTFE	
Pump Finish:	32 Ra	
Motor Drive:	SP-A4FP (1,5kW) AIR	
Inlet/Discharge Size:	1.5" (38 mm)	
Viscosity Range:	P/N: 8340 (110v), 8341 (220v)	1-10,000 cps (mPAS)
	P/N: 8350 (110v), 8351 (220v)	10,000-25,000 cps (mPAS)
Maximum Discharge Pressure:		
	P/N: 8340 (110v), 8341 (220v)	3 bar based on water
	P/N: 8350 (110v), 8351 (220v)	6 bar based on water
Maximum Flow Rate:		
	P/N: 8340 (110v), 8341 (220v)	30,2 LPM based on water
	P/N: 8350 (110v), 8351 (220v)	11,3 LPM based on water
Duty Cycle:	Intermittent (30 Min. Intervals)	
System Weight:	24 Kg	
Maximum Temperature:	100° C	
Maximum Solid Size:	.25" (6 mm)	
Mechanical Seal:	SiC / Viton / SiC	
Metering Principle:	Full Bore Mag Flow Meter	
Check Valve:	316 Stainless Steel	
System Accuracy:	+/– 0.2% of reading (+/– .5% Repeatability)	
Conductivity:	System requires 5 micro-semans (µS/cm) of conductivity	
Bag Liner Series:	Optional pump intake design available for applications with hygienic liners	



Bag Liner Series Pump Intake



Note: Pump and meter are constructed with FDA compliant materials.

Flow Meter & Pump System ELECTRIC

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 and a 3A Turbine Flow Meter. The meter offers a truly hygienic design and accurate performance. A two-piece design offers 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.

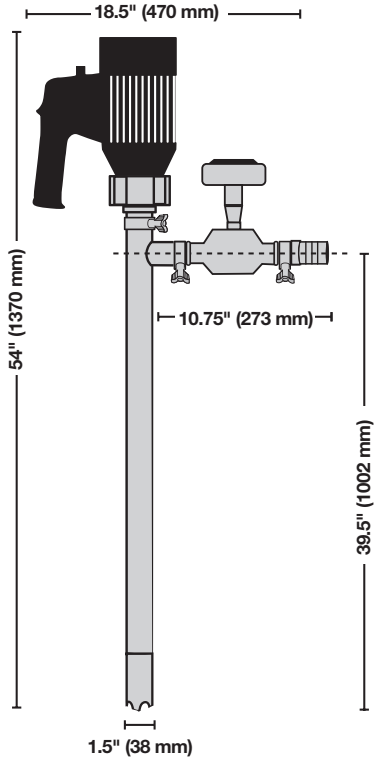


Common Applications

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

Features

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



Technical Specifications

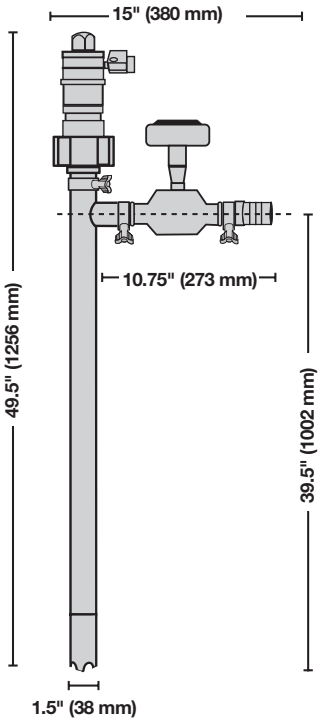
Pump Design:	Centrifugal / Turbine Meter
Immersion Length:	39" (1000 mm), 47" (1200mm) upon request
Wetted Components:	316SS, PTFE & BUNA
Pump Finish:	32 Ra
Motor Drive:	SP-ENC (IP54), Variable Speed
Inlet/Discharge Size:	1" (25mm) / 1.5" (38mm) Tri-Clamp
Maximum Viscosity:	100 cps m/PAS
Maximum Flow Range:	121 LPM based on water
Duty Cycle:	Continious
System Weight:	11 Kg
Maximum Temperature:	121° C
System Accuracy:	+/– 0.5% (+/– .10% Repeatability)
Meter Power Supply:	12 v/DC

Note: Pump and meter are constructed with FDA compliant materials.

Flow Meter & Pump System AIR

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 and a 3A Turbine Flow Meter. The Meter's 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.





Common Applications

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

Features

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

Technical Specifications

Pump Design:	Centrifugal /Turbine Meter
Immersion Length:	39" (1000 mm), 47" (1200mm) upon request
Wetted Components:	316SS, PTFE & BUNA
Pump Finish:	32 Ra
Motor Drive:	SP-A1
Inlet/Discharge Size:	1" (25mm) / 1.5" (38mm) Tri-Clamp
Maximum Viscosity:	100 cps m/PAS
Maximum Discharge Pressure:	0,9 bar
Maximum Flow Range:	83 LPM based on water
Duty Cycle:	Continious
System Weight:	7 Kg
Maximum Temperature:	121° C
System Accuracy:	+/– 0.5% (+/– .10% Repeatability)
Meter Power Supply:	12 v/DC

Note: Pump and meter are constructed with FDA compliant materials.

SANITARY

Pure Pump - the Sanitary Line of drum pumps and motors manufactured by Standard Pump, Inc., USA is the perfect solution for any task of pumping fluids and pastes used in the food and pharmaceutical industries.

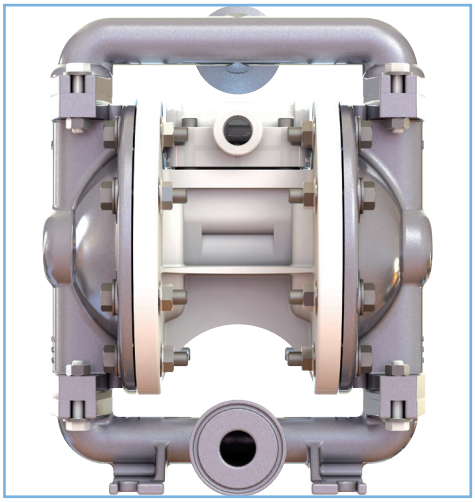
The Pure Pump ranges include stainless steel centrifugal pumps and stainless steel progressive cavity pumps for fluids/pastes of up to 100.000 cps (mPas) viscosity. The drum pumps are available in various immersion lengths and with a selection of different electric and pneumatic motors.

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

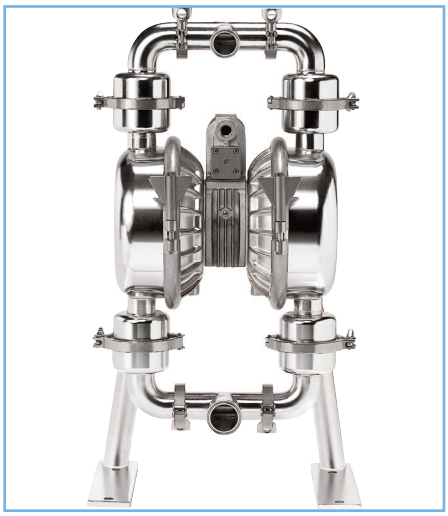
The Pure Pump line of drum pumps and motors as well as the Pure Pump Series of air-operated-double diaphgragm (AODD) are distributed by national distributors located in most European countries. The Pure Pump distributors service their customers in the form of technical advice and fast supply from their stock of drum pumps and motors, supported by a European back-up stock located in Denmark.

Pure Pump Series

air-operated-double diaphragm (AODD) – sanitary pumps for pharmaceuticals, food products and personal care



FDA Compliant Pump



Sanitary Pump

Pure Pump Series AODD pumps are available in different sizes and configurations – suitable for countless applications in the food and pharmaceutical industries.

Pure Pump Series AODD pumps - made of FDA-compliant materials designed for sanitary applications.

Pure Pump Series AODD pumps - available in size 0,5" to 3" and flow rates up to 886 LPM.

Pure Pump Series AODD pumps - wetted sections are made of SS316 and for the Sanitary Line highly polished SS316L (32Ra) is used.

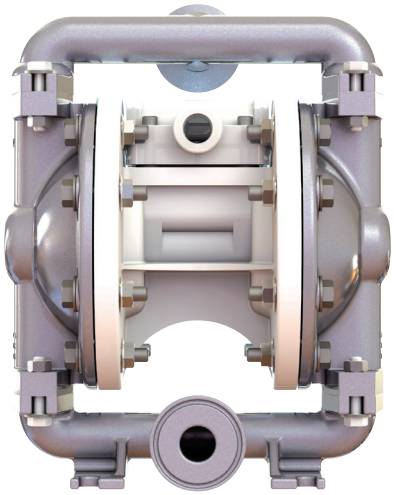
Pure Pump Series AODD pumps - available with PTFE or Santoprene diaphgram.

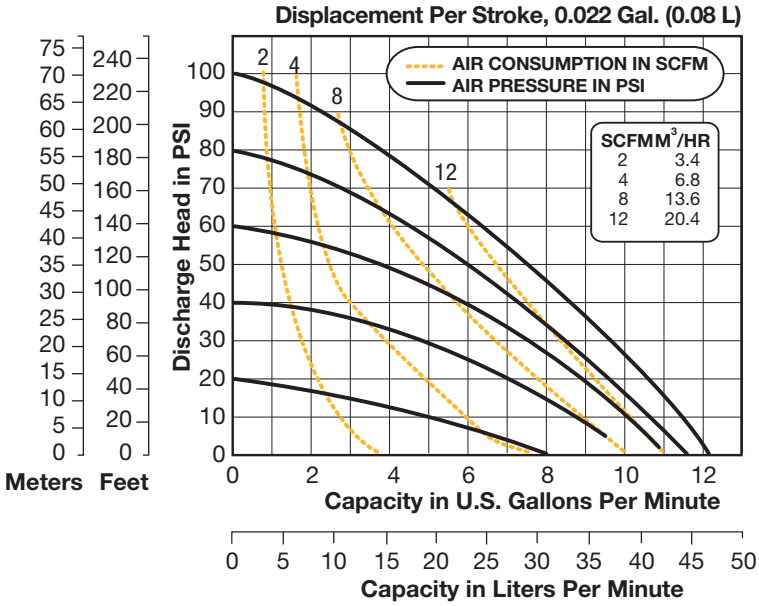
For further details please contact your local Pure Pump distributor or Standard Pump Europe, E-mail: info@pure-pump.eu

Pure Pump Series

FDA compliant AODD Pumps

SPFP05PPS – 1/2"

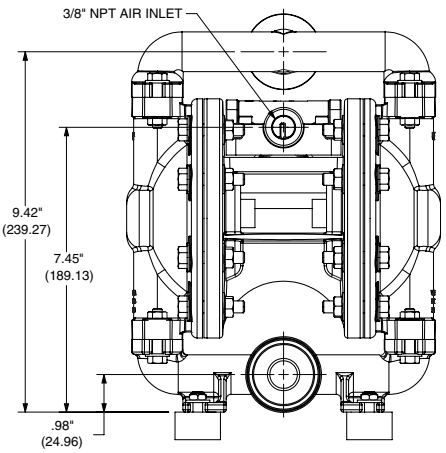


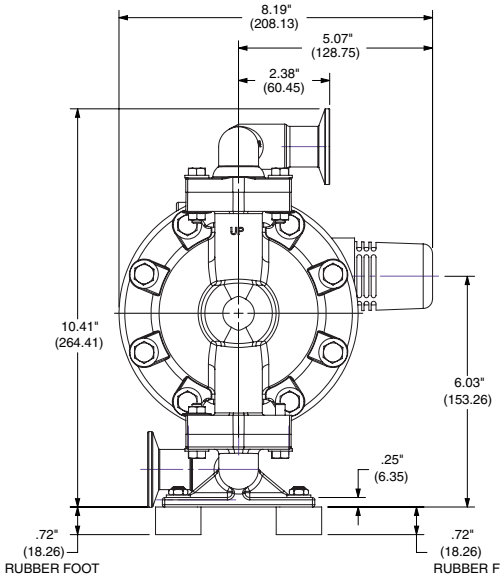


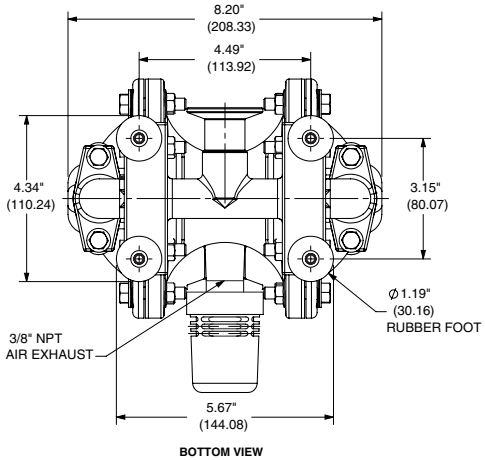
Technical Specifications

Max Flow . . . . . 45,4 LPM
Max Air Supply or Liquid Pressure . . . 100 psig (6,9 bar)
Max Particle Size (Dia.) . . . . . 1/16" (1,6 mm)
Suction Lift . . . . . 13' Dry / 22' Wet (3,9 m / 6,7 m)
Temperature Range . . . . . -40° C to 134° C
Elastomers . . . . . Santoprene
Center Block . . . . . Polypropylene
Wetted Section SS316

Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 1" Tri-Clamp®
Air Inlet / Exhaust . . . . . 3/8" NPT
Noise Level . . . . . 84 db (A)
Shipping Weight . . . . . 7,7 kg
Wet End Kit Part Number 200-020
Air Valve Kit Part Number 200-001



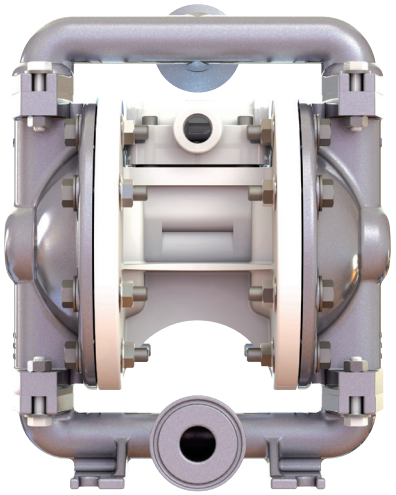


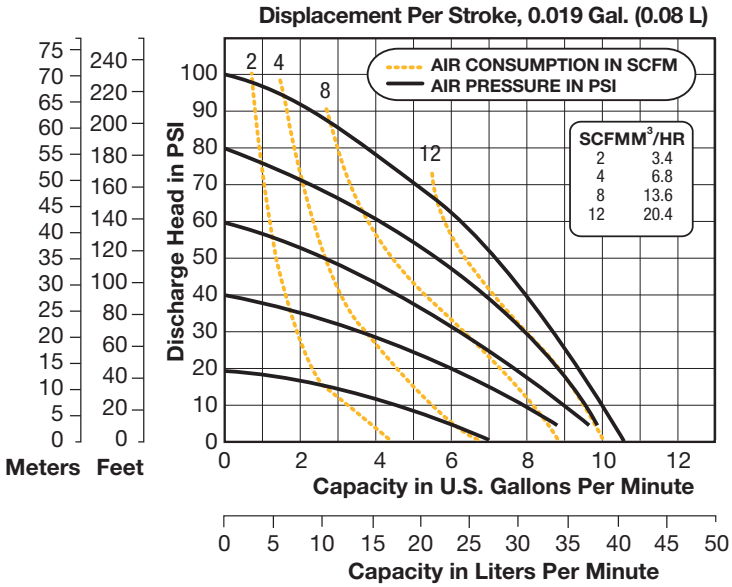


Pure Pump Series

FDA compliant AODD Pumps

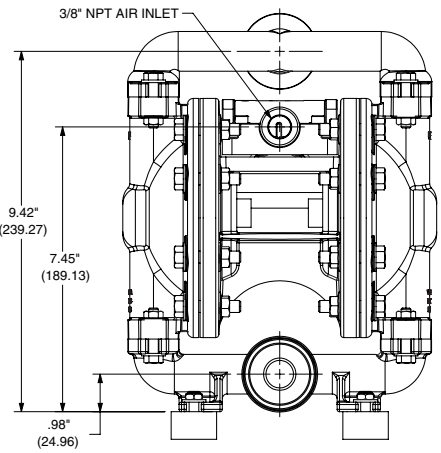
SPFP05PPP – 1/2"

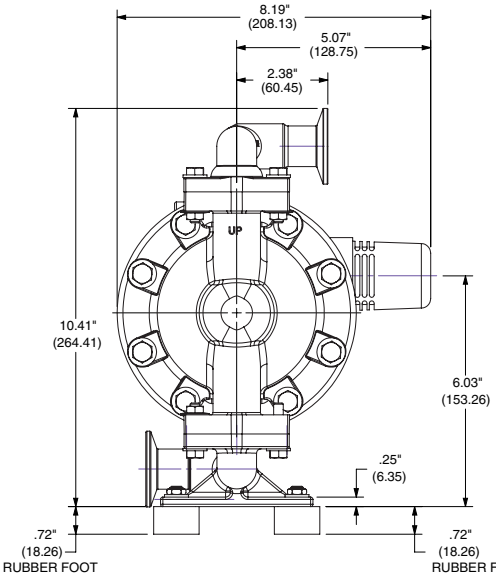


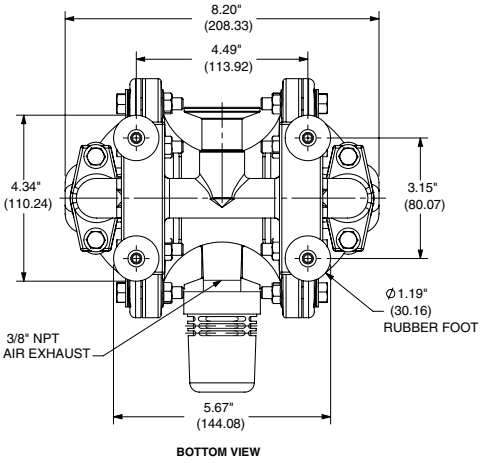


Technical Specifications

Max Flow	41,6 LPM
Max Air Supply or Liquid Pressure	100 psig (6,9 bar)
Max Particle Size (Dia.)	1/16" (1,6 mm)
Suction Lift	12' Dry / 22' Wet (3,6 m / 6,7 m)
Temperature Range	-37° C to 104° C
Elastomers	PTFE
Center Block	Polypropylene
Wetted Section	SS316
Port Configuration	Center Horizontal
Intake / Discharge Connection	1" Tri-Clamp®
Air Inlet / Exhaust	3/8" NPT
Noise Level	87 db (A)
Shipping Weight	7,7 kg
Wet End Kit Part Number	200-010
Air Valve Kit Part Number	200-001



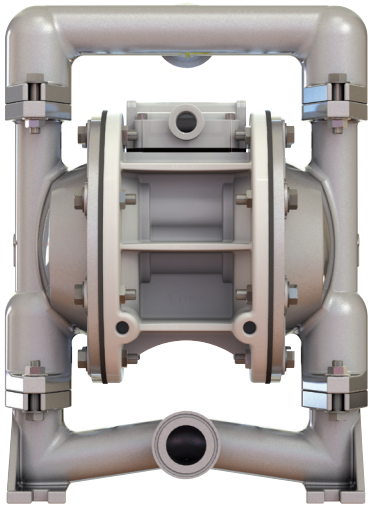


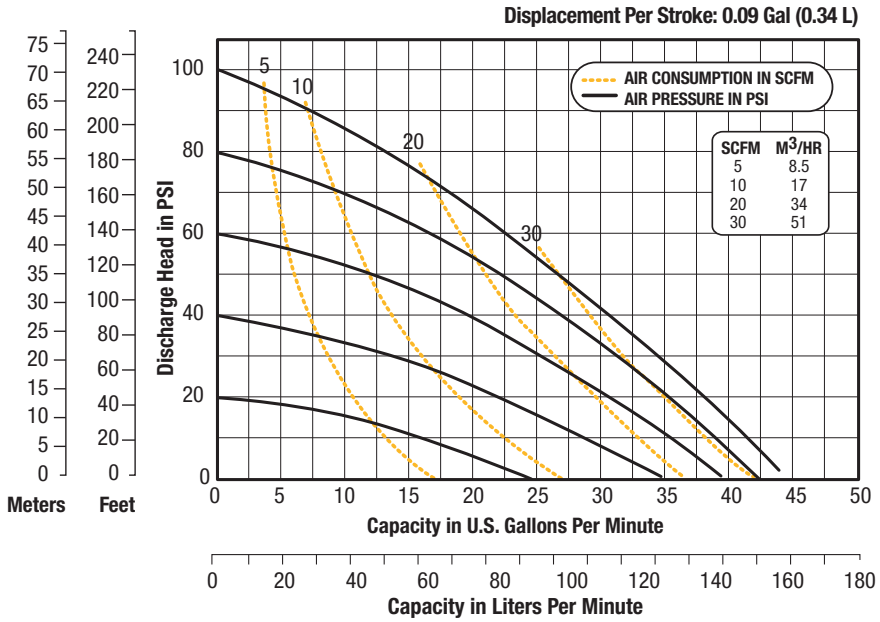


Pure Pump Series

FDA compliant AODD Pumps

SPFP10PPS – 1"

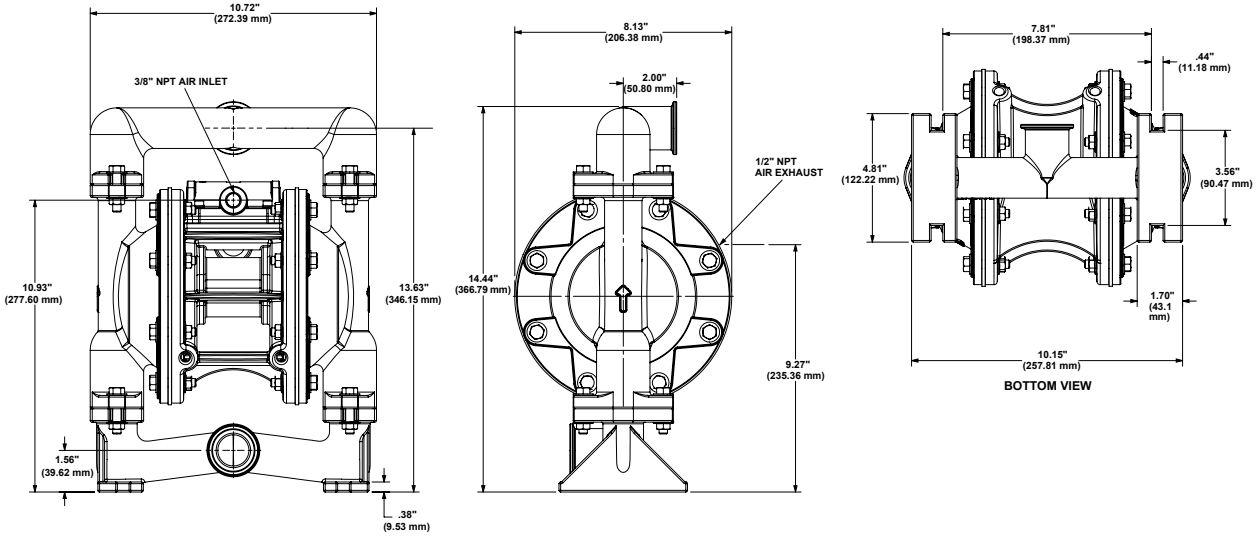




Technical Specifications

Max Flow . . . . . 174,1 LPM
Max Air Supply or Liquid Pressure . . . 100 psig (6,9 bar)
Max Particle Size (Dia.) . . . . . ⅛" (3,17 mm)
Suction Lift . . . . . 16' Dry / 31' Wet (4,9 m / 9,4 m)
Temperature Range . . . . . -40° C to 134° C
Elastomers . . . . . Santoprene
Center Block . . . . . Polypropylene
Wetted Section SS316

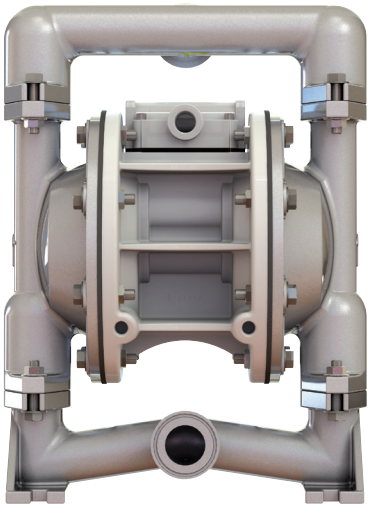
Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 1½" Tri-Clamp®
Air Inlet / Exhaust . . . . . ⅜" NPT / ½" NPT
Noise Level . . . . . 93 db (A)
Shipping Weight . . . . . 16,3 kg
Wet End Kit Part Number 200-040
Air Valve Kit Part Number 200-002

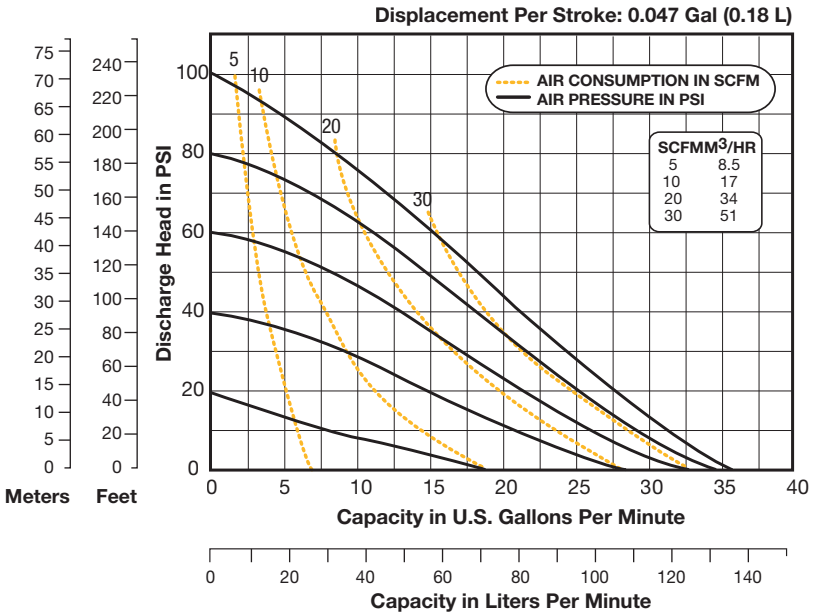


Pure Pump Series

FDA compliant AODD Pumps

SPFP10PPP – 1"

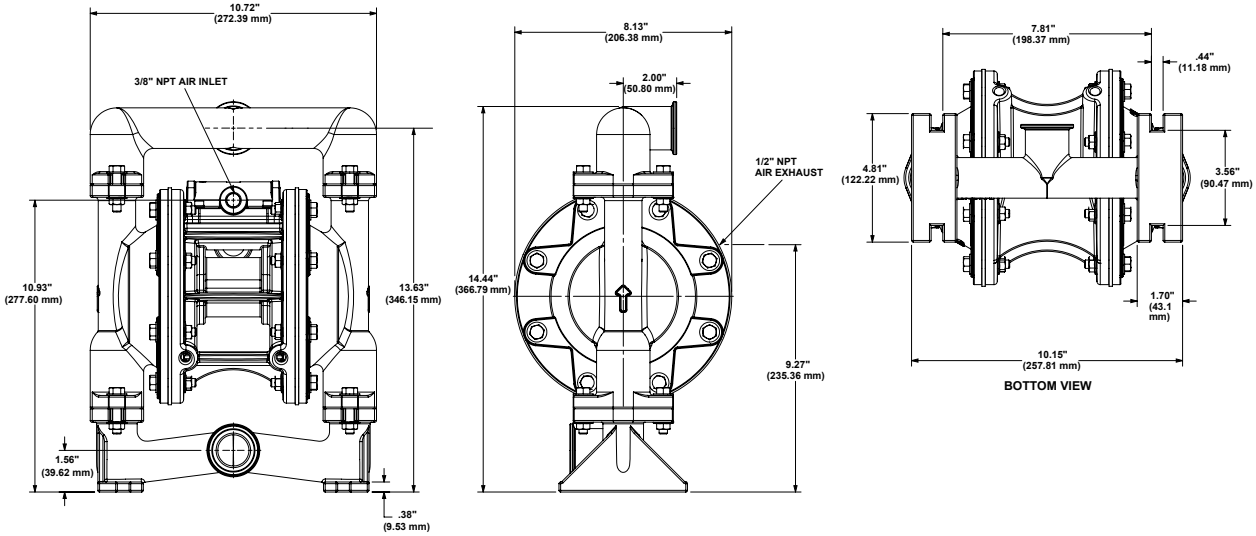




Technical Specifications

Max Flow . . . . . 136,3 LPM
Max Air Supply or Liquid Pressure . . . 100 psig (6,9 bar)
Max Particle Size (Dia.) . . . . . ⅛" (3,17 mm)
Suction Lift . . . . . 11' Dry / 31' Wet (3,4 m / 9,4 m)
Temperature Range . . . . . -37° C to 104° C
Elastomers . . . . . PTFE
Center Block . . . . . Polypropylene
Wetted Section SS316

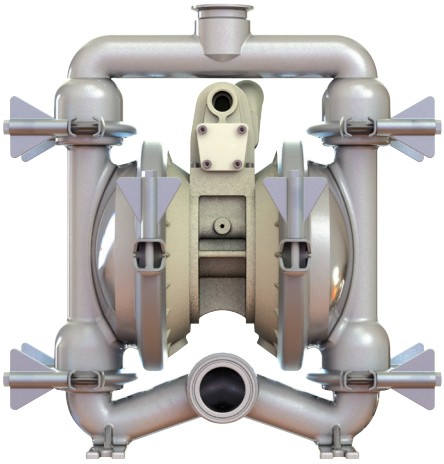
Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 1½" Tri-Clamp®
Air Inlet / Exhaust . . . . . ⅜" NPT / ½" NPT
Noise Level . . . . . 96 db (A)
Shipping Weight . . . . . 16,3 kg
Wet End Kit Part Number 200-030
Air Valve Kit Part Number 200-002

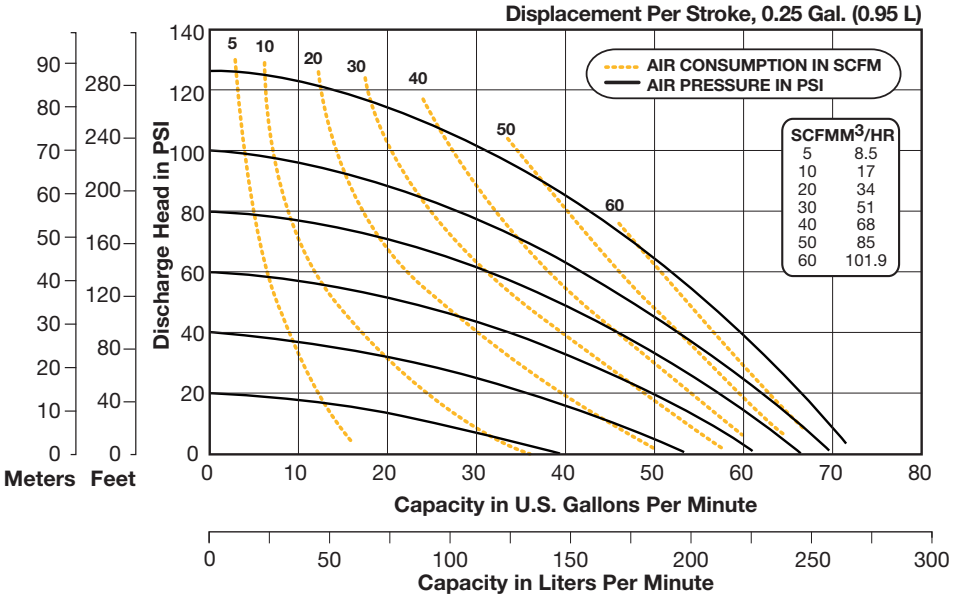


Pure Pump Series

FDA compliant AODD Pumps

SPFP15NPS – 1½"

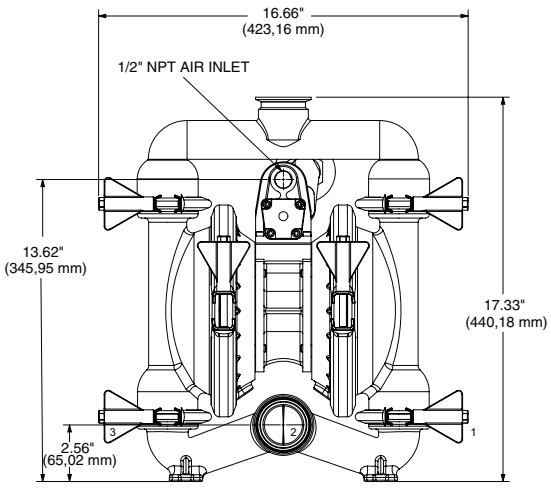


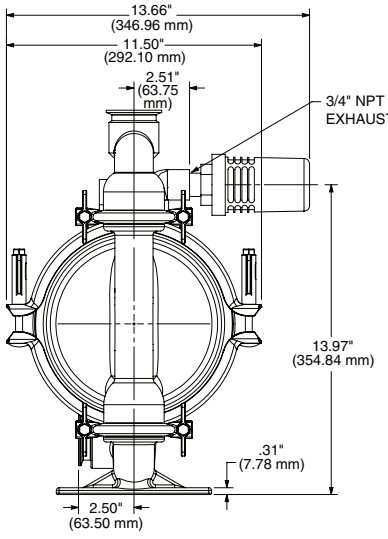


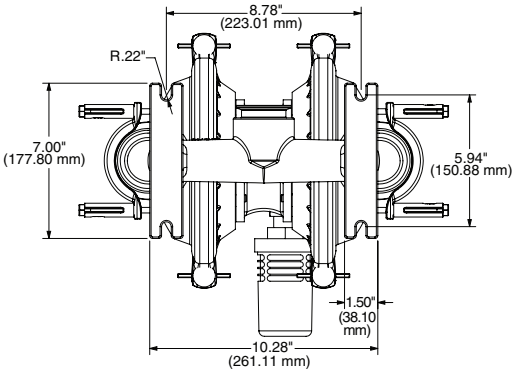
Technical Specifications

Max Flow . . . . . 268 LPM
Max Air Supply or Liquid Pressure . . . 110 psig (7,6 bar)
Max Particle Size (Dia.) . . . . . 3⁄16" (4,76 mm)
Suction Lift . . . . . 15' Dry / 25' Wet (4,57 m / 7,62 m)
Temperature Range . . . . . -40° C to 134° C
Elastomers . . . . . Santoprene
Center Block . . . . . Nickel Plated Aluminum
Wetted Section SS316

Port Configuration . . . Center Horizontal / Center Vertical
Intake / Discharge Connection . . . . . 2" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / ¾" NPT
Noise Level . . . . . 101 db (A)
Shipping Weight . . . . . 25,85 kg
Wet End Kit Part Number 200-060
Air Valve Kit Part Number 200-003



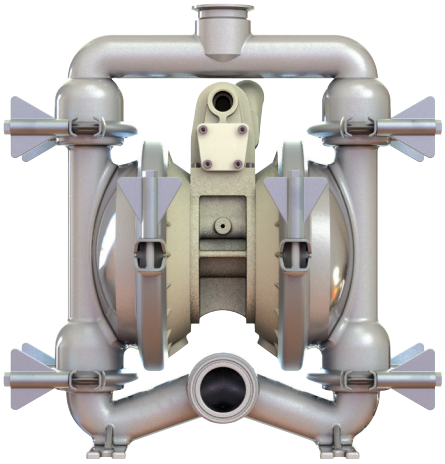


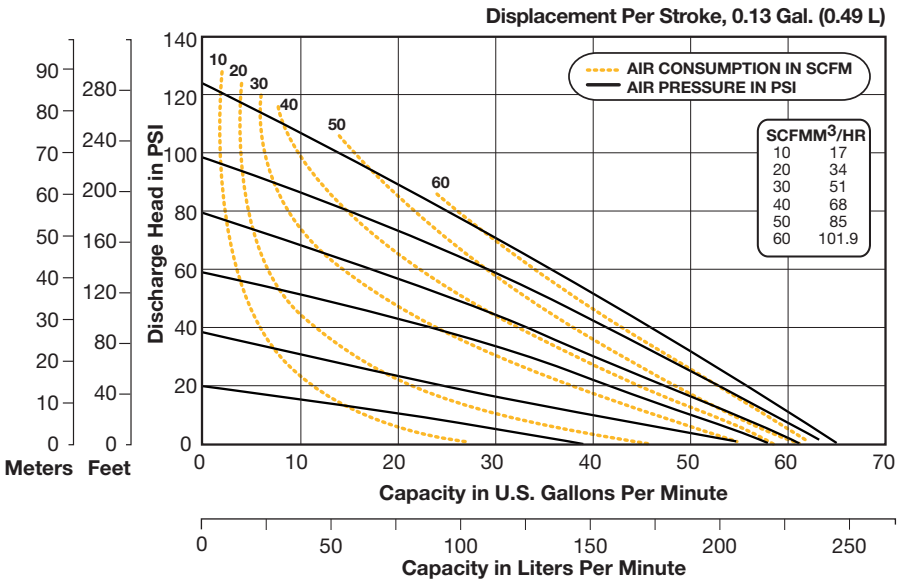


Pure Pump Series

FDA compliant AODD Pumps

SPFP15NPP – 1½"

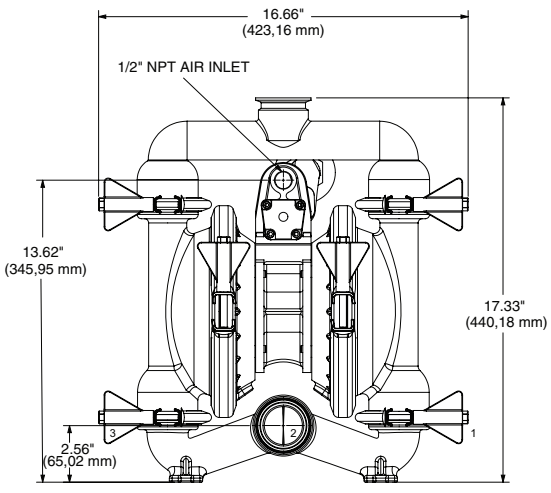


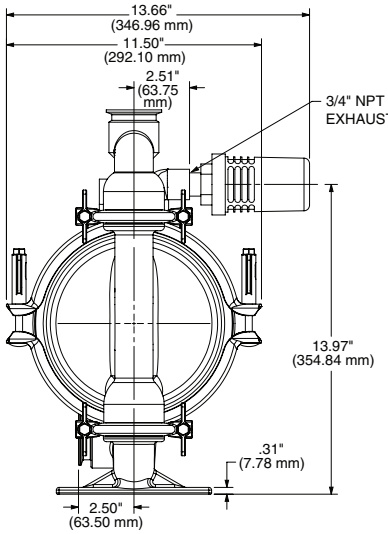


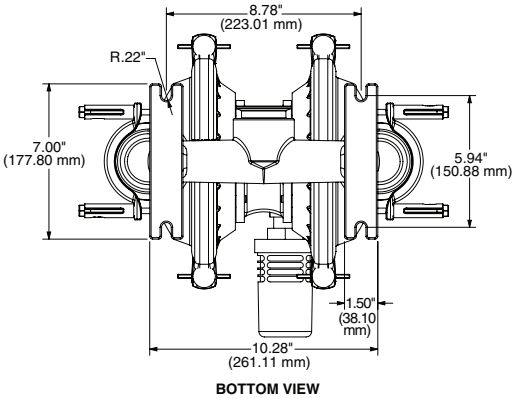
Technical Specifications

Max Flow . . . . . 246 LPM
Max Air Supply or Liquid Pressure . . . 110 psig (7,6 bar)
Max Particle Size (Dia.) . . . . . 3⁄16" (4,76 mm)
Suction Lift . . . . . 15' Dry / 25' Wet (4,57 m / 7,62 m)
Temperature Range . . . . . -37° C to 104° C
Elastomers . . . . . PTFE
Center Block . . . . . Nickel Plated Aluminum
Wetted Section SS316

Port Configuration . . . Center Horizontal / Center Vertical
Intake / Discharge Connection . . . . . 2" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / ¾" NPT
Noise Level . . . . . 101 db (A)
Shipping Weight . . . . . 25,85 kg
Wet End Kit Part Number 200-050
Air Valve Kit Part Number 200-003



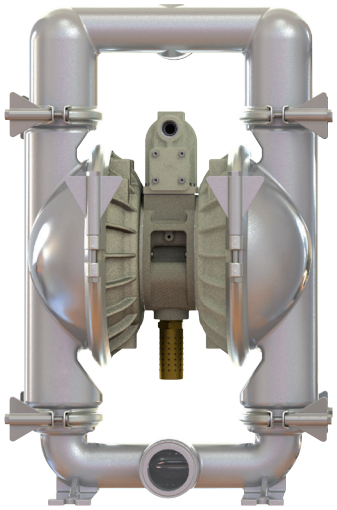


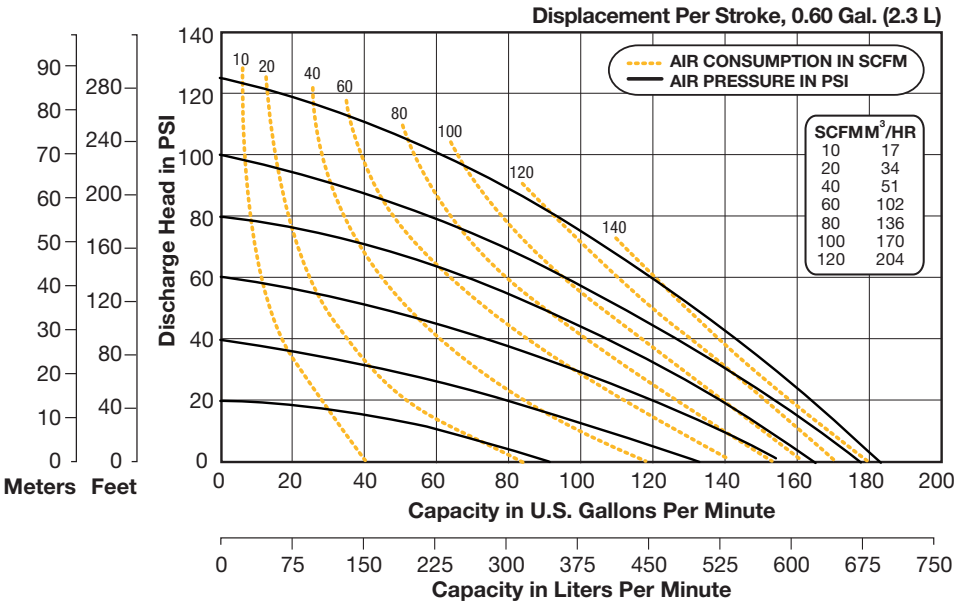


Pure Pump Series

FDA compliant AODD Pumps

SPFP20NPS – 2"

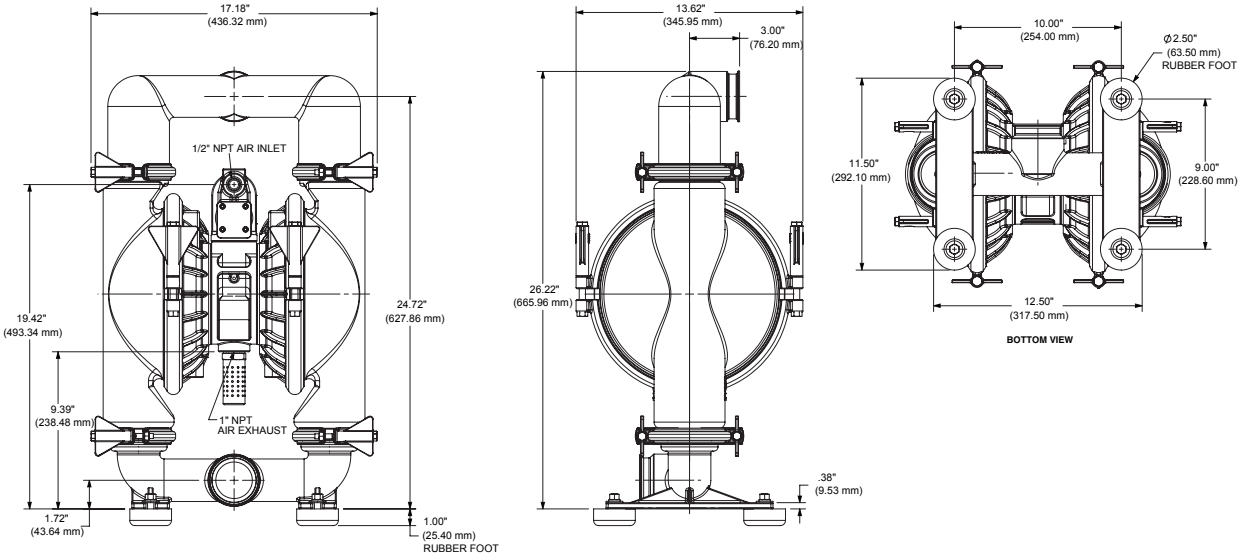




Technical Specifications

Max Flow . . . . . 700 LPM
Max Air Supply or Liquid Pressure . . . 125 psig (8,6 bar)
Max Particle Size (Dia.) . . . . . ¼" (6,35 mm)
Suction Lift . . . . . 17' Dry / 32' Wet (5,1 m / 9,5 m)
Temperature Range . . . . . -40° C to 134° C
Elastomers . . . . . Santoprene
Center Block . . . . . Nickel Plated Aluminum
Wetted Section SS316

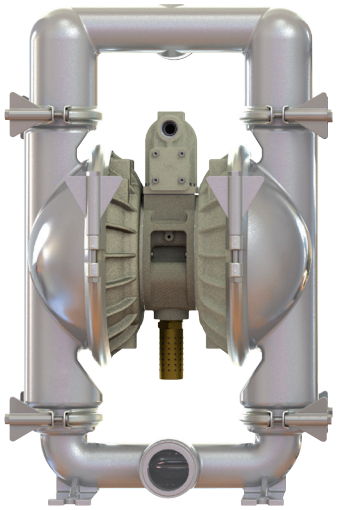
Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 2½" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / 1" NPT
Noise Level . . . . . 96 db (A)
Shipping Weight . . . . . 48,1 kg
Wet End Kit Part Number 200-080
Air Valve Kit Part Number 200-004

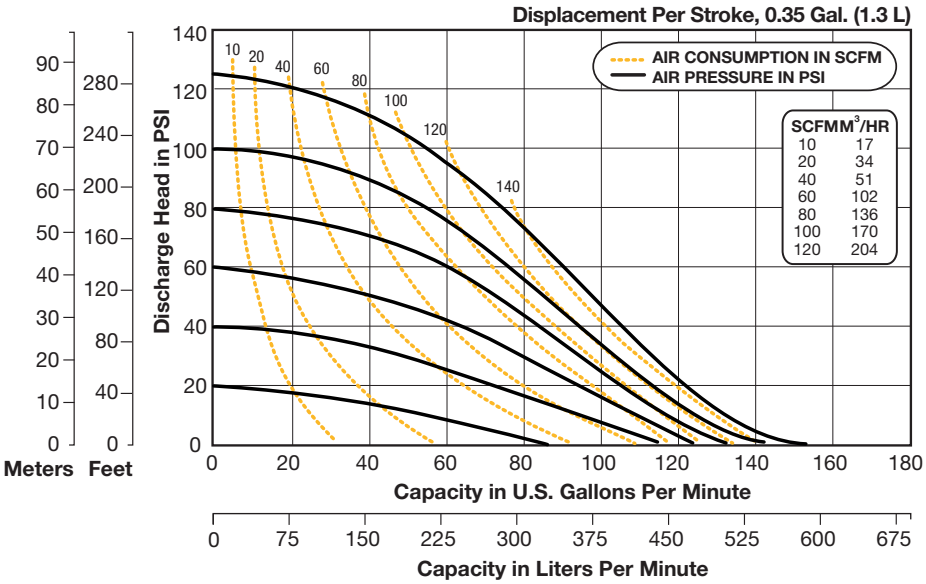


Pure Pump Series

FDA compliant AODD Pumps

SPFP20NPP – 2"

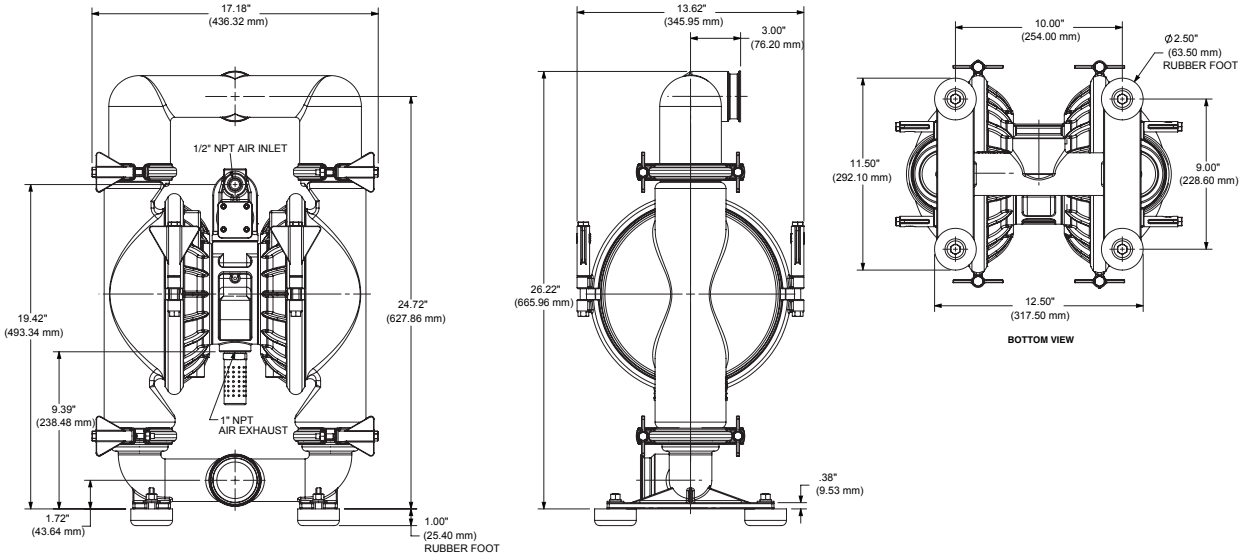




Technical Specifications

Max Flow . . . . . 579 LPM
Max Air Supply or Liquid Pressure . . . 125 psig (8,6 bar)
Max Particle Size (Dia.) . . . . . ¼" (6,35 mm)
Suction Lift . . . . . 11' Dry / 29 Wet (3,4 m / 8,8 m)
Temperature Range . . . . . -37° C to 104° C
Elastomers . . . . . PTFE
Center Block . . . . . Nickel Plated Aluminum
Wetted Section SS316

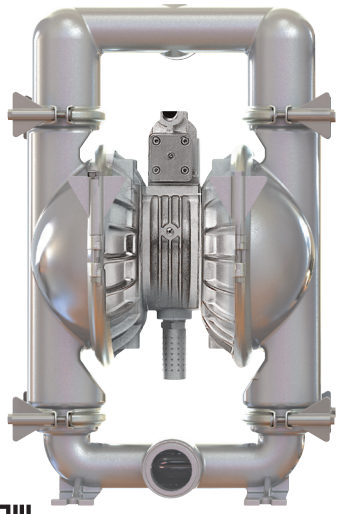
Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 2½" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / 1" NPT
Noise Level . . . . . 102 db (A)
Shipping Weight . . . . . 48,1 kg
Wet End Kit Part Number 200-070
Air Valve Kit Part Number 200-004

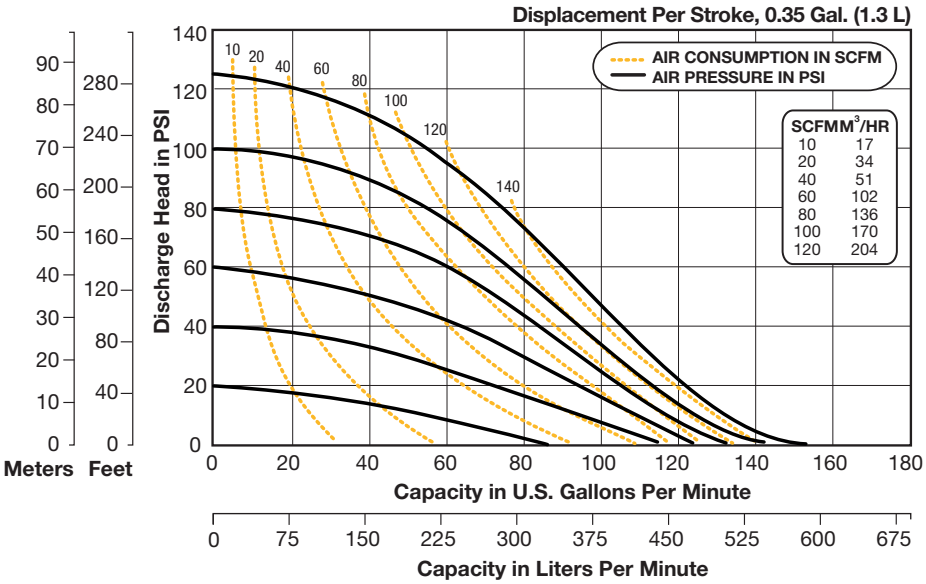


Pure Pump Series

FDA compliant AODD Pumps

SPFP20SSP – 2"

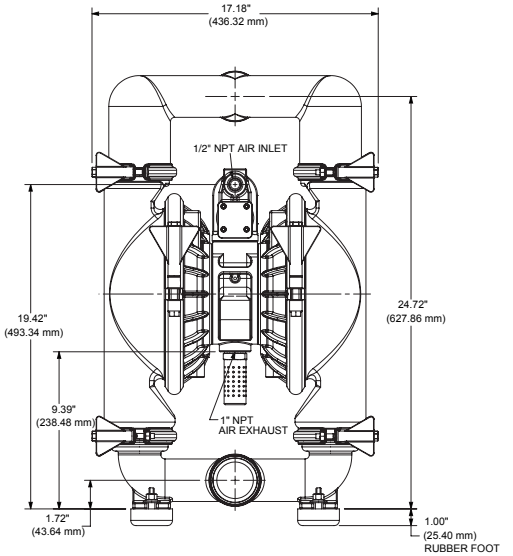


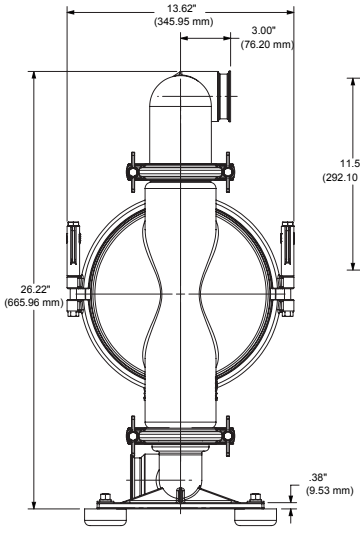


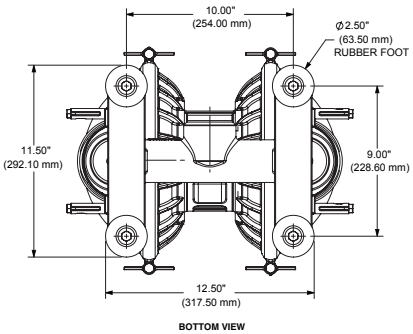
Technical Specifications

Max Flow . . . . . 579 LPM
Max Air Supply or Liquid Pressure . . . 125 psig (8,6 bar)
Max Particle Size (Dia.) . . . . . ¼" (6,35 mm)
Suction Lift . . . . . 11' Dry / 29 Wet (3,4 m / 8,8 m)
Temperature Range . . . . . -37° C to 104° C
Elastomers . . . . . PTFE
Center Block SS316
Wetted Section SS316

Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 2½" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / 1" NPT
Noise Level . . . . . 102 db (A)
Shipping Weight . . . . . 48,1 kg
Wet End Kit Part Number 200-070
Air Valve Kit Part Number 200-008



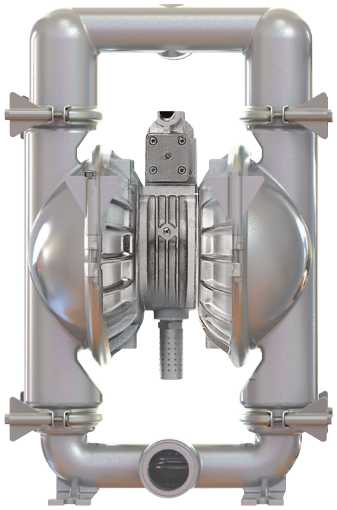


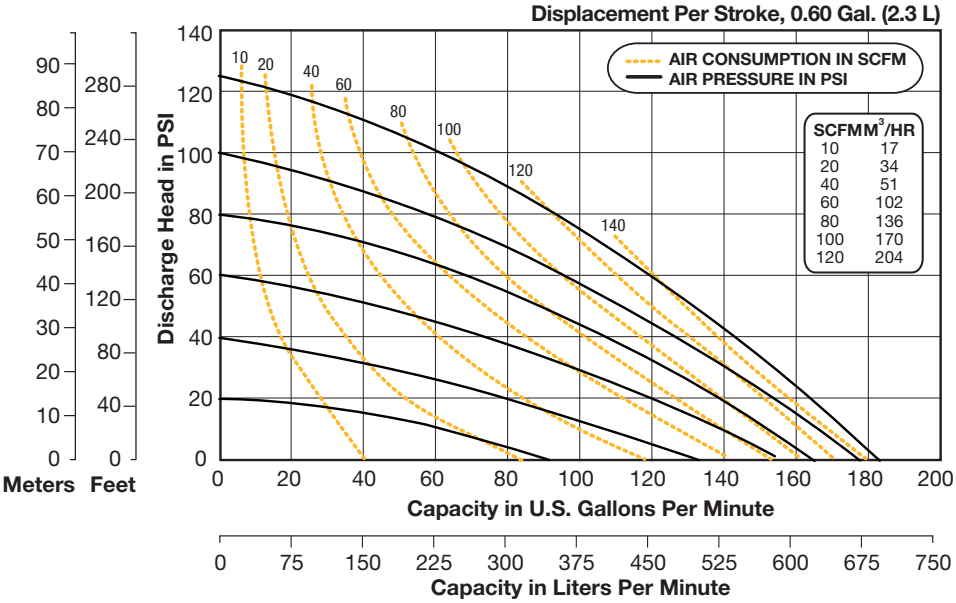


Pure Pump Series

FDA compliant AODD Pumps

SPFP20SSS – 2"

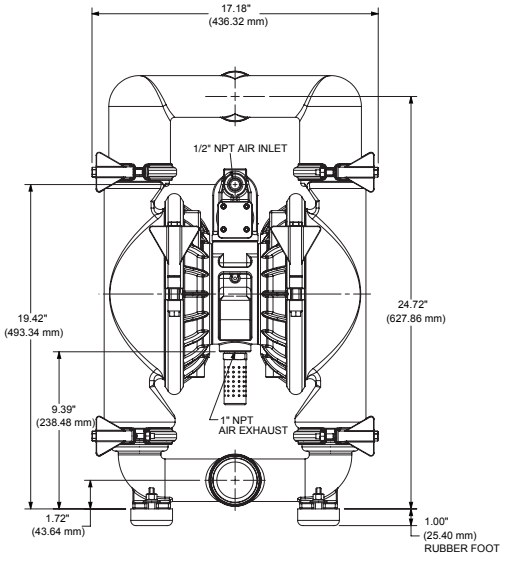


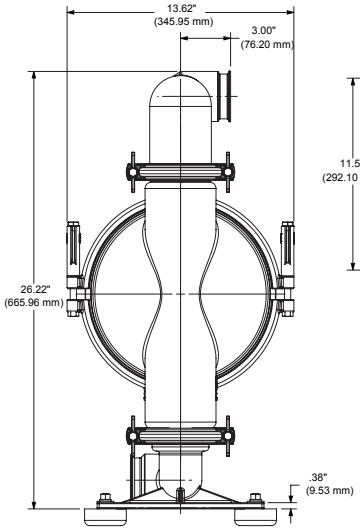


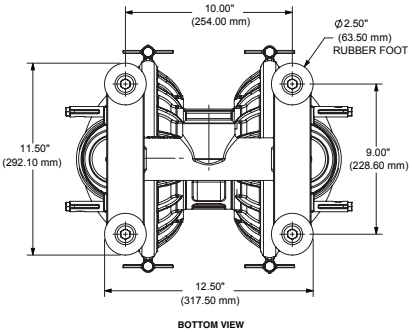
Technical Specifications

Max Flow . . . . . 700 LPM
Max Air Supply or Liquid Pressure . . . 125 psig (8,6 bar)
Max Particle Size (Dia.) . . . . . ¼" (6,35 mm)
Suction Lift . . . . . 17' Dry / 32' Wet (5,1 m / 9,5 m)
Temperature Range . . . . . -40° C to 134° C
Elastomers . . . . . Santoprene
Center Block SS316
Wetted Section SS316

Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 2½" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / 1" NPT
Noise Level . . . . . 96 db (A)
Shipping Weight . . . . . 48,1 kg
Wet End Kit Part Number 200-080
Air Valve Kit Part Number 200-008



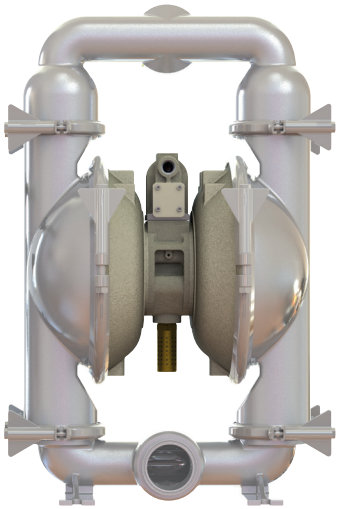


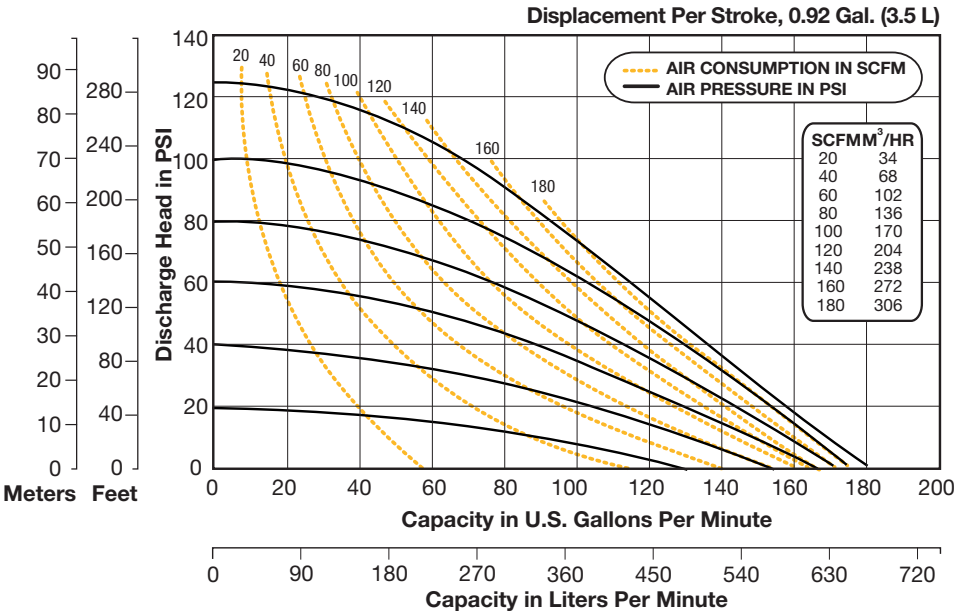


Pure Pump Series

FDA compliant AODD Pumps

SPFP30NPT – 3"

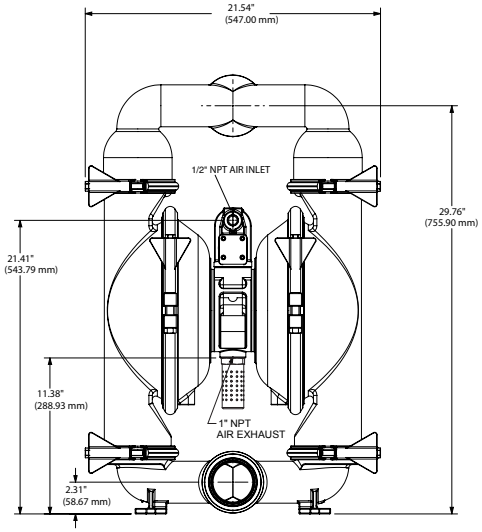


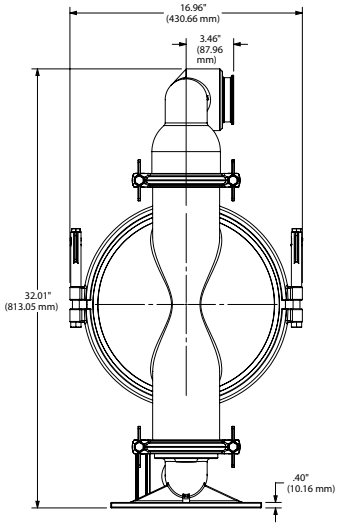


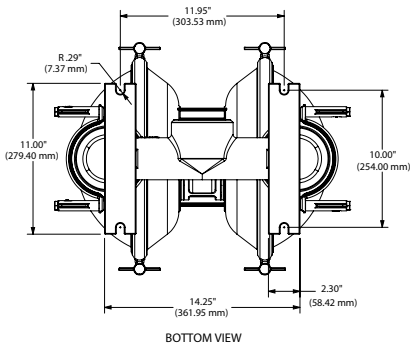
Technical Specifications

Max Flow . . . . . 681 LPM
Max Air Supply or Liquid Pressure . . . 125 psig (8,6 bar)
Max Particle Size (Dia.) . . . . . ⅜" (9,5 mm)
Suction Lift . . . . . 12' Dry / 32 Wet (3,7 m / 9,8 m)
Temperature Range . . . . . -37° C to 104° C
Elastomers . . . . . PTFE
Center Block . . . . . Nickel Plated Aluminum
Wetted Section SS316

Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 3" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / 1" NPT
Noise Level . . . . . 95 db (A)
Shipping Weight . . . . . 86 kg
Wet End Kit Part Number 200-090
Air Valve Kit Part Number 200-005



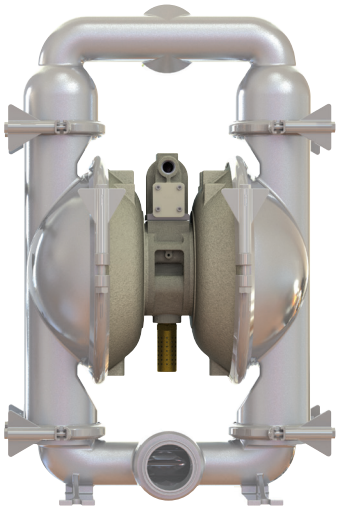


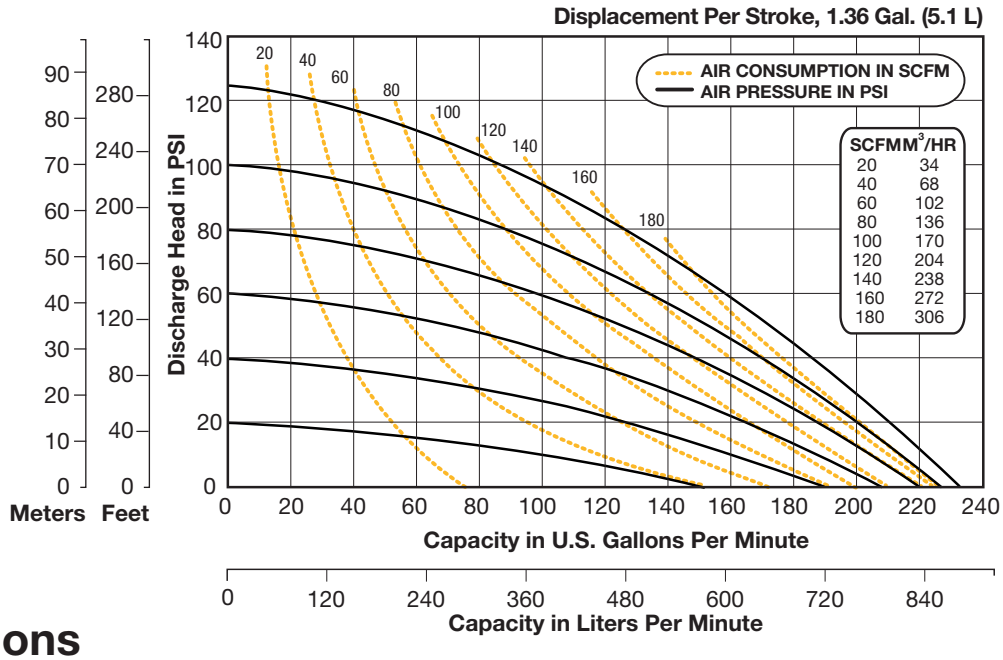


Pure Pump Series

FDA compliant AODD Pumps

SPFP30NPS – 3"

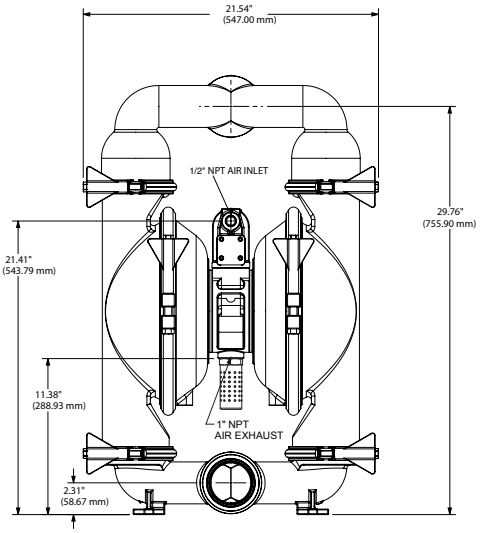


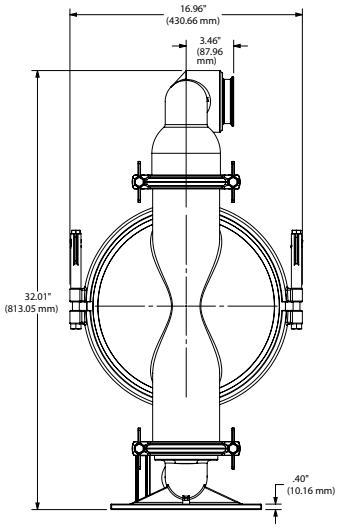


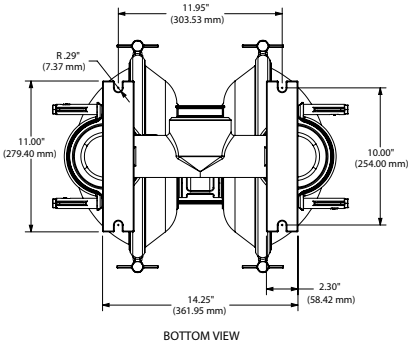
Technical Specifications

Max Flow . . . . . 886 LPM
Max Air Supply or Liquid Pressure . . . 125 psig (8,6 bar)
Max Particle Size (Dia.) . . . . . ⅜" (9,5 mm)
Suction Lift . . . . . 20' Dry / 32 Wet (6,1 m / 9,8 m)
Temperature Range . . . . . -40° C to 134° C
Elastomers . . . . . Santoprene
Center Block . . . . . Nickel Plated Aluminum
Wetted Section SS316

Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 3" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / 1" NPT
Noise Level . . . . . 96 db (A)
Shipping Weight . . . . . 86 kg
Wet End Kit Part Number 200-100
Air Valve Kit Part Number 200-005



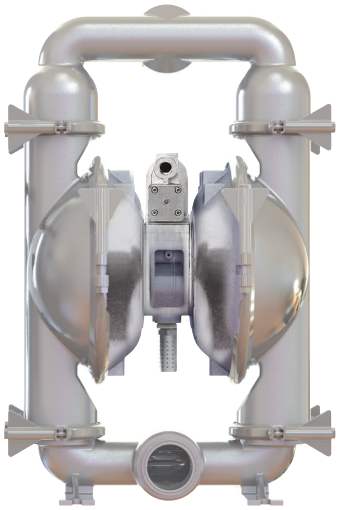


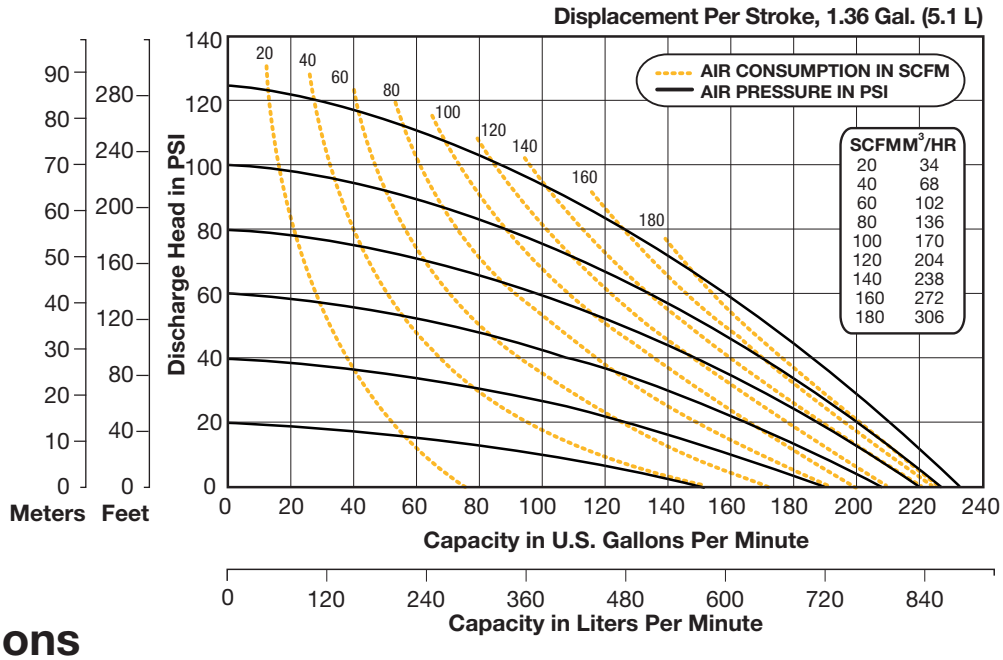


Pure Pump Series

FDA compliant AODD Pumps

SPFP30SSS – 3"

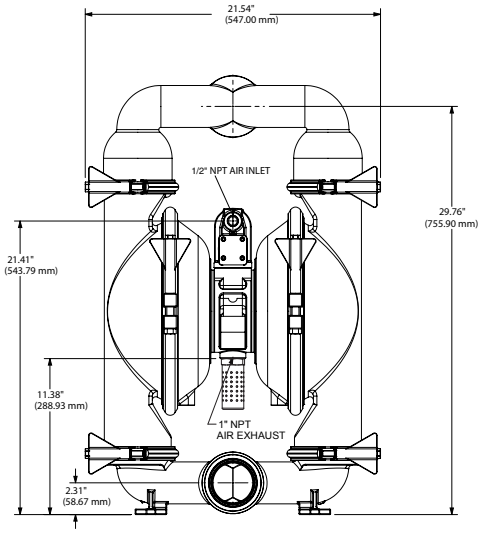


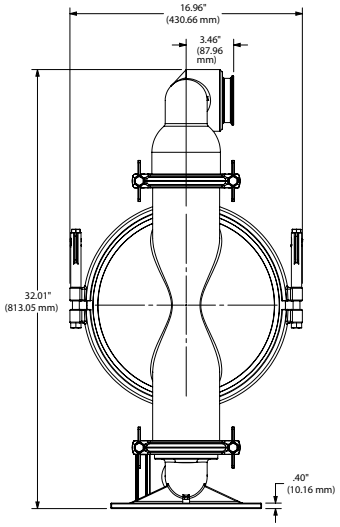


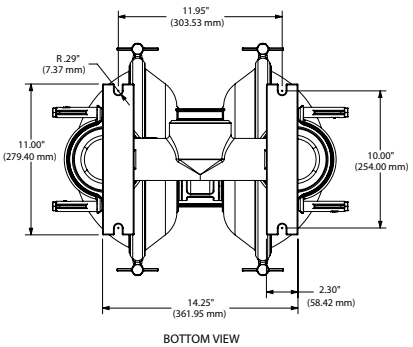
Technical Specifications

Max Flow . . . . . 886 LPM
Max Air Supply or Liquid Pressure . . . 125 psig (8,6 bar)
Max Particle Size (Dia.) . . . . . ⅜" (9,5 mm)
Suction Lift . . . . . 20' Dry / 32 Wet (6,1 m / 9,8 m)
Temperature Range . . . . . -40° C to 134° C
Elastomers . . . . . Santoprene
Center Block SS316
Wetted Section SS316

Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 3" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / 1" NPT
Noise Level . . . . . 96 db (A)
Shipping Weight . . . . . 86 kg
Wet End Kit Part Number 200-100
Air Valve Kit Part Number 200-009



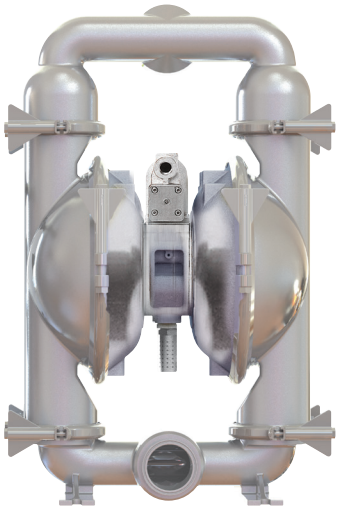


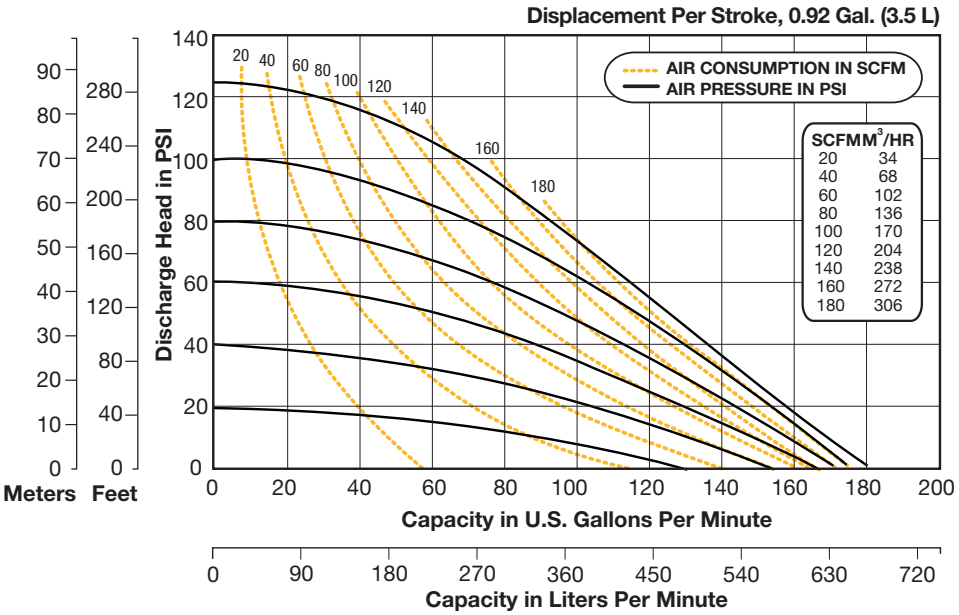


Pure Pump Series

FDA compliant AODD Pumps

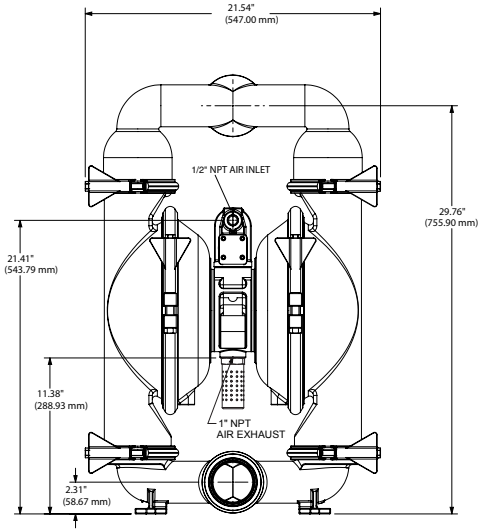
SPFP30SST – 3"

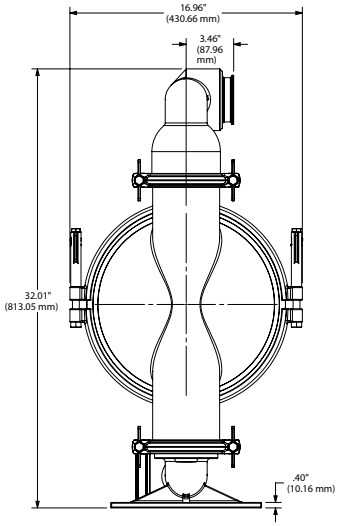


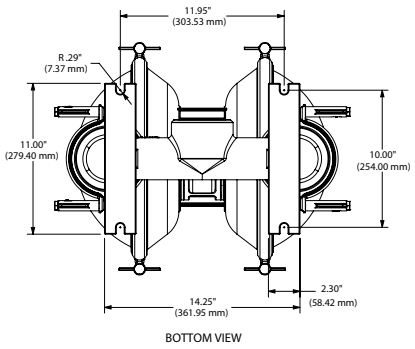


Technical Specifications

Max Flow	681 LPM
Max Air Supply or Liquid Pressure	125 psig (8,6 bar)
Max Particle Size (Dia.)	⅜" (9,5 mm)
Suction Lift	12' Dry / 32 Wet (3,7 m / 9,8 m)
Temperature Range	-37° C to 104° C
Elastomers	PTFE
Center Block	SS316
Wetted Section	SS316
Port Configuration	Center Horizontal
Intake / Discharge Connection	3" Tri-Clamp®
Air Inlet / Exhaust	½" NPT / 1" NPT
Noise Level	95 db (A)
Shipping Weight	86 kg
Wet End Kit Part Number	200-090
Air Valve Kit Part Number	200-009





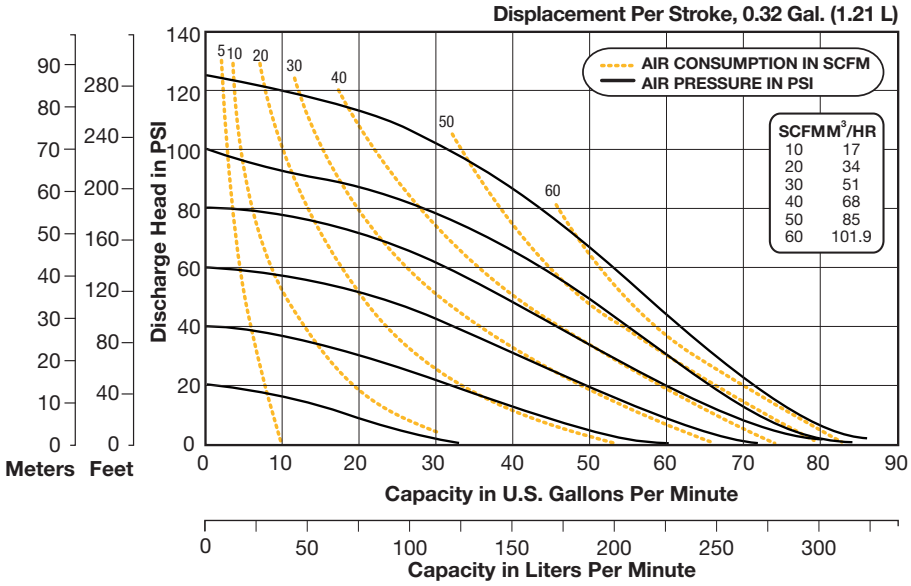


Pure Pump Series

Sanitary AODD Pumps



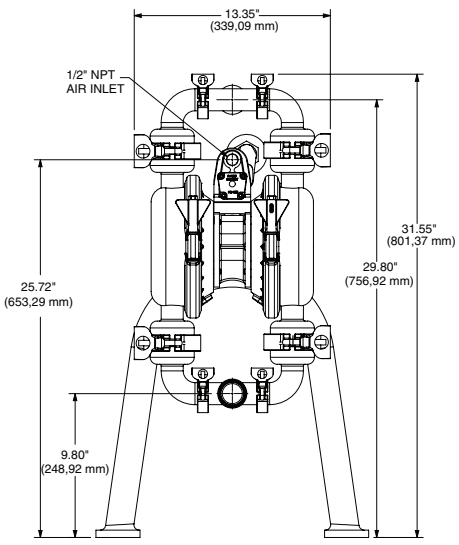
SPSN15NPS – 1½"

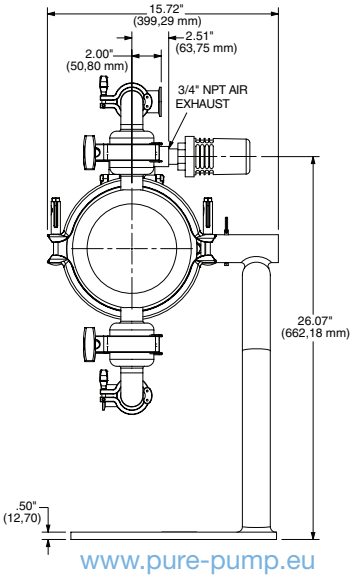


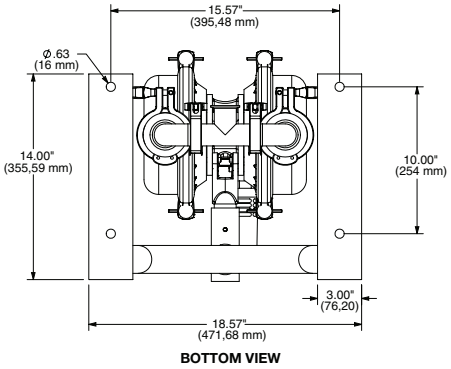
Technical Specifications

Max Flow . . . . . 325,5 LPM
Max Air Supply or Liquid Pressure . . . . 100 psig (6,9 bar)
Max Particle Size (Dia.) . . . . . ⅜" (9,5 mm)
Suction Lift . . . . . 15' Dry / 25' Wet (6,10 m / 7,62 m)
Temperature Range . . . . . -40° C to 134° C
Elastomers . . . . . Santoprene
Center Block . . . . . Nickel Plated Aluminum
Wetted Section . . . . . SS316L-Polished to 32 Ra

Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 1½" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / ¾" NPT
Noise Level . . . . . 101 db (A)
Shipping Weight . . . . . 34 kg
Wet End Kit Part Number 200-140
Air Valve Kit Part Number 200-003





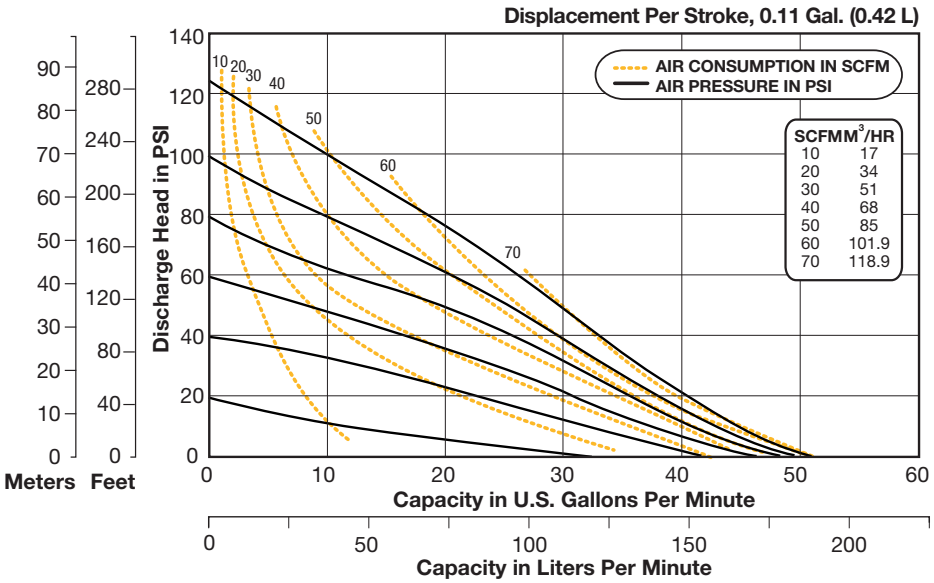


Pure Pump Series

Sanitary AODD Pumps



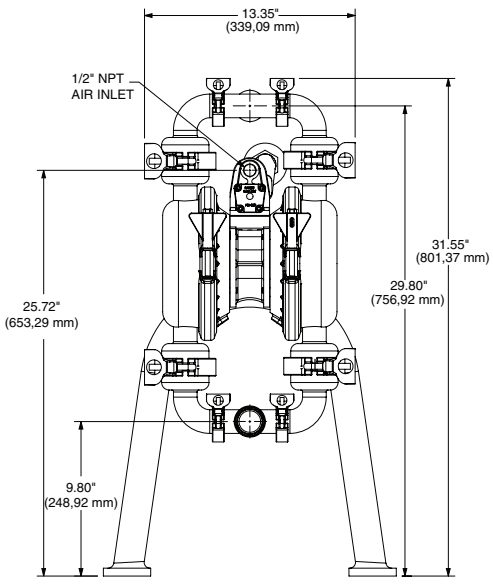
SPSN15NPP – 1½"

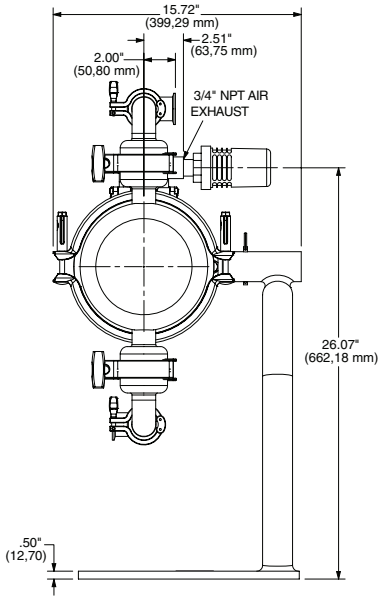


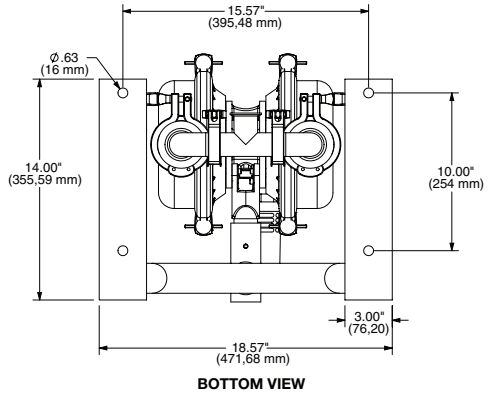
Technical Specifications

Max Flow . . . . . 193 LPM
Max Air Supply or Liquid Pressure . . . .100 psig (6,9 bar)
Max Particle Size (Dia.) . . . . . ⅜" (9,5 mm)
Suction Lift . . . . . 15' Dry / 25' Wet (6,10 m / 7,62 m)
Temperature Range . . . . . -37° C to 104° C
Elastomers . . . . . PTFE
Center Block . . . . . Nickel Plated Aluminum
Wetted Section . . . . . SS316L-Polished to 32 Ra

Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 1½" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / ¾" NPT
Noise Level . . . . . 101 db (A)
Shipping Weight . . . . . 34 kg
Wet End Kit Part Number 200-110
Air Valve Kit Part Number 200-003



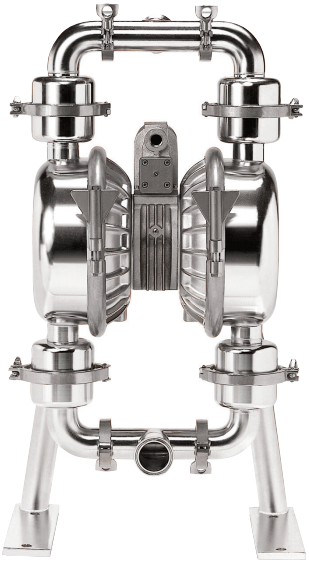


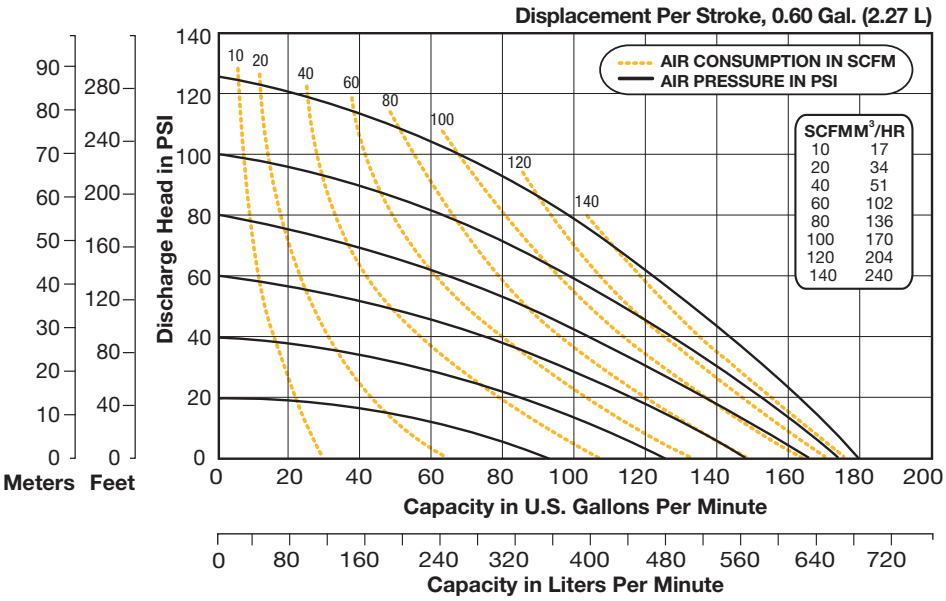


Pure Pump Series

Sanitary AODD Pumps

SPSN20NPS – 2"

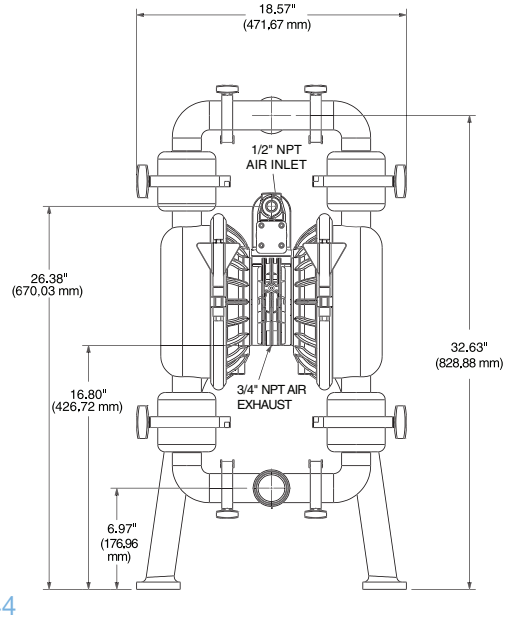


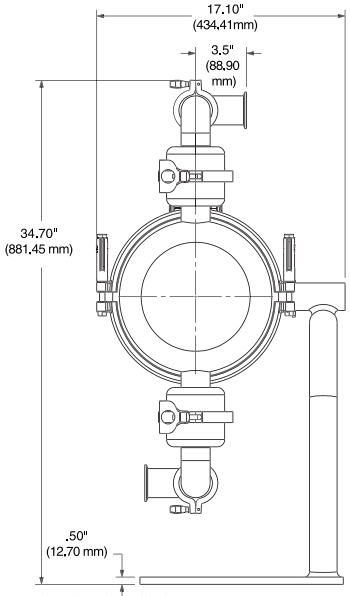


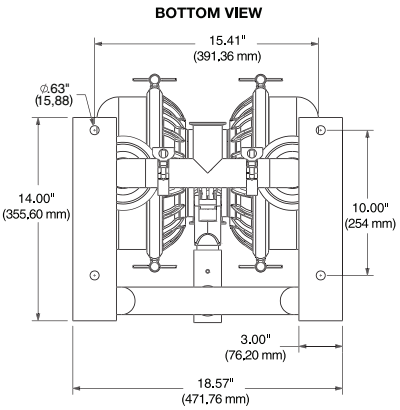
Technical Specifications

Max Flow . . . . . 677 LPM
Max Air Supply or Liquid Pressure . . . .100 psig (6,9 bar)
Max Particle Size (Dia.) . . . . . 5⁄8" (15,9 mm)
Suction Lift . . . . . 15' Dry / 32' Wet (4,6 m / 9,8 m)
Temperature Range . . . . . -40° C to 134° C
Elastomers . . . . . Santoprene
Center Block . . . . . Nickel Plated Aluminum
Wetted Section . . . . . SS316L-Polished to 32 Ra

Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 2" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / 1" NPT
Noise Level . . . . . 98 db (A)
Shipping Weight . . . . . 56.7 kg
Wet End Kit Part Number 200-160
Air Valve Kit Part Number 200-004



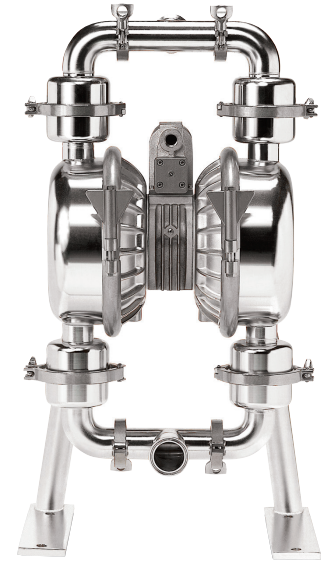


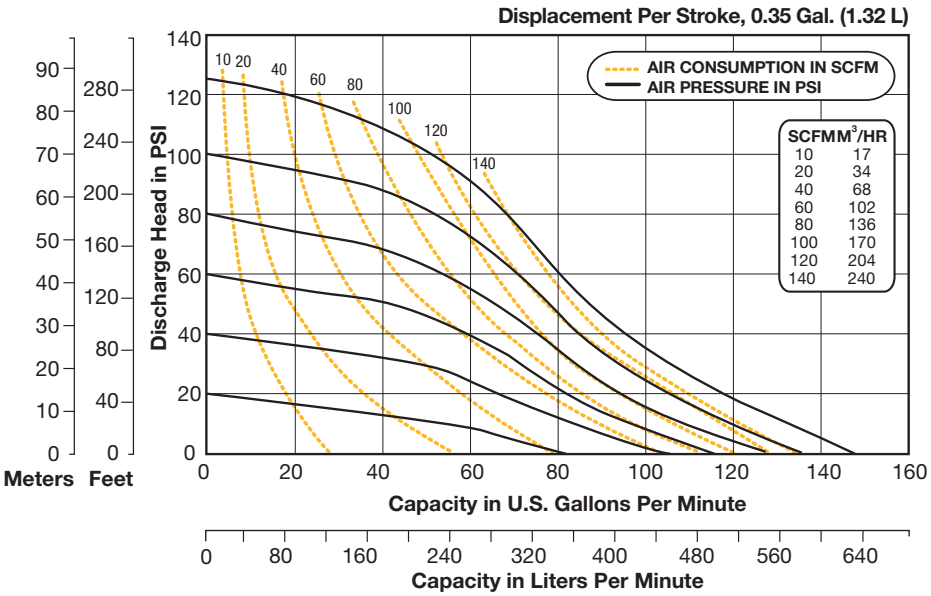


Pure Pump Series

Sanitary AODD Pumps

SPSN20NPP – 2"

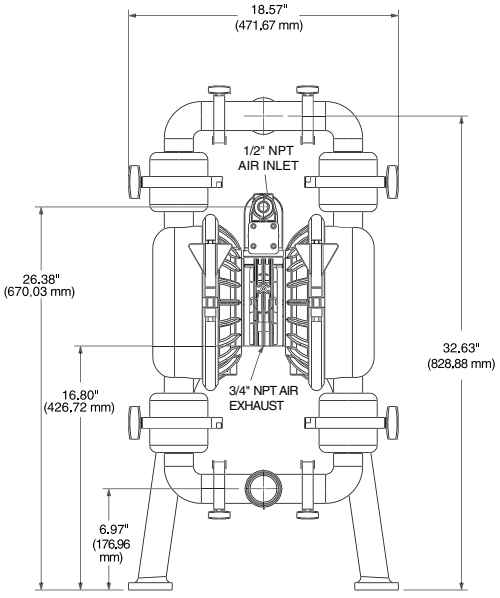


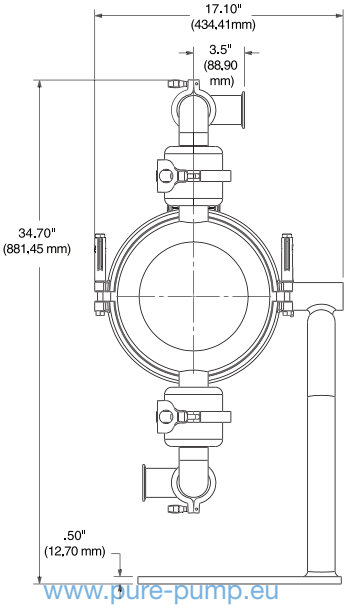


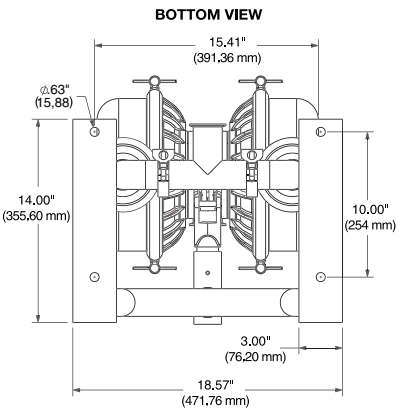
Technical Specifications

Max Flow . . . . . 556 LPM
Max Air Supply or Liquid Pressure . . . .100 psig (6,9 bar)
Max Particle Size (Dia.) . . . . . 5⁄8" (15,9 mm)
Suction Lift . . . . . 9' Dry / 27' Wet (2,7 m / 8,2 m)
Temperature Range . . . . . -37° C to 104° C
Elastomers . . . . . PTFE
Center Block . . . . . Nickel Plated Aluminum
Wetted Section . . . . . SS316L-Polished to 32 Ra

Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 2" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / 1" NPT
Noise Level . . . . . 98 db (A)
Shipping Weight . . . . . 56.7 kg
Wet End Kit Part Number 200-130
Air Valve Kit Part Number 200-004



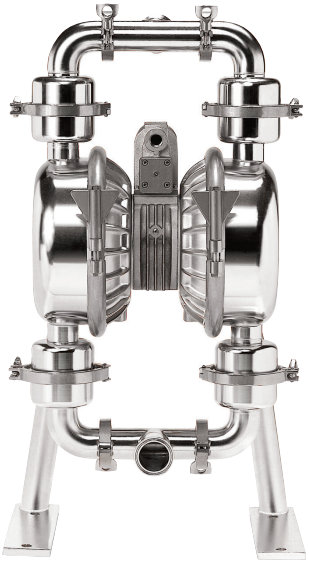


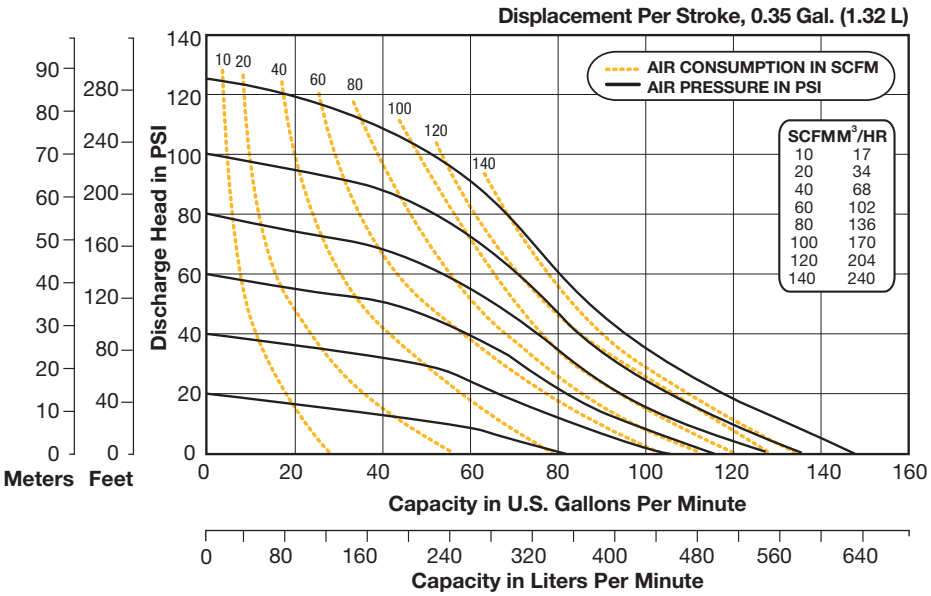


Pure Pump Series

Sanitary AODD Pumps

SPSN20SSP – 2"

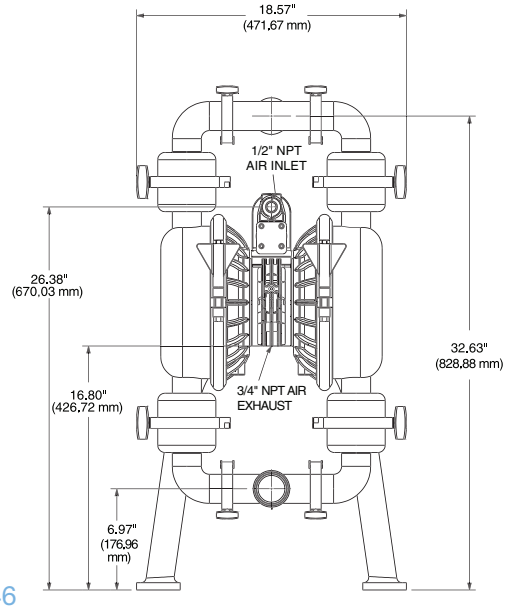


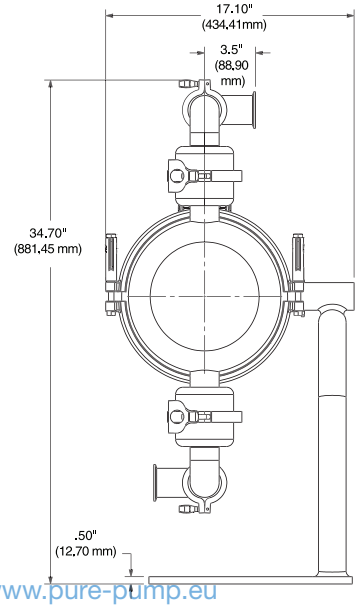


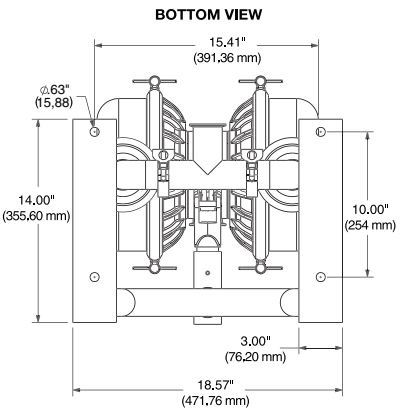
Technical Specifications

Max Flow . . . . . 556 LPM
Max Air Supply or Liquid Pressure . . . .100 psig (6,9 bar)
Max Particle Size (Dia.) . . . . . 5⁄8" (15,9 mm)
Suction Lift . . . . . 9' Dry / 27' Wet (2,7 m / 8,2 m)
Temperature Range . . . . . -37° C to 104° C
Elastomers . . . . . PTFE
Center Block SS316
Wetted Section . . . . . SS316L-Polished to 32 Ra

Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 2" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / 1" NPT
Noise Level . . . . . 98 db (A)
Shipping Weight . . . . . 56.7 kg
Wet End Kit Part Number 200-130
Air Valve Kit Part Number 200-004



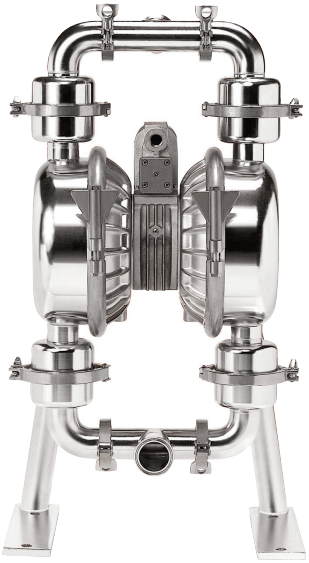


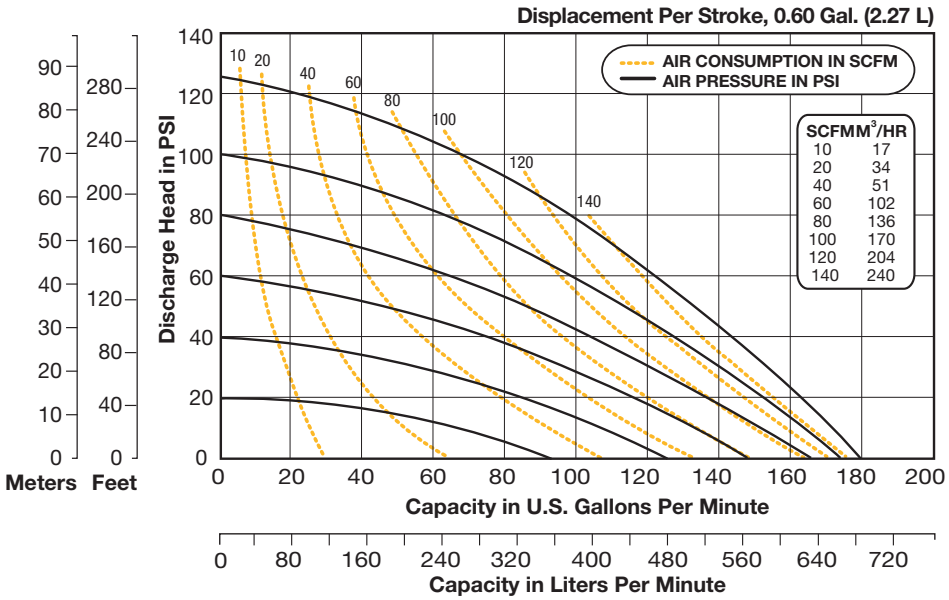


Pure Pump Series

Sanitary AODD Pumps

SPSN20SSS – 2"

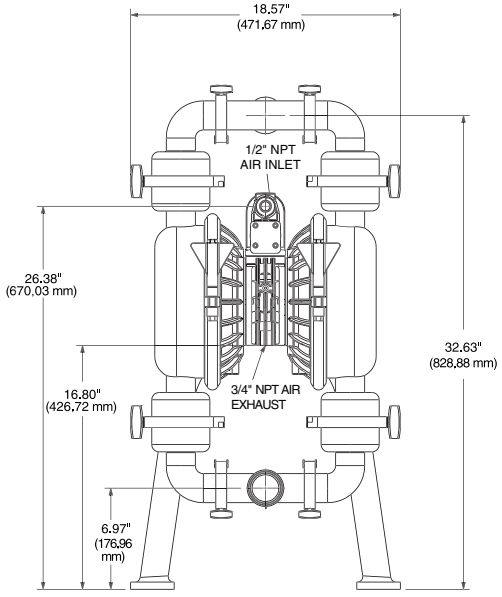


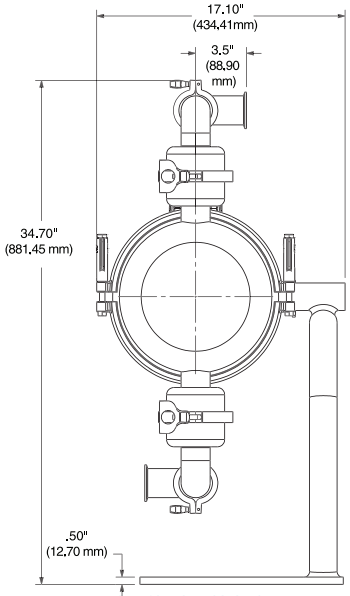


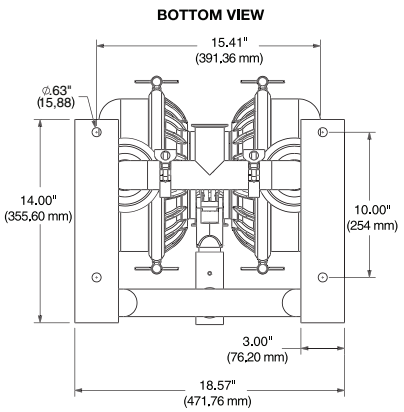
Technical Specifications

Max Flow . . . . . 677 LPM
Max Air Supply or Liquid Pressure . . . .100 psig (6,9 bar)
Max Particle Size (Dia.) . . . . . 5⁄8" (15,9 mm)
Suction Lift . . . . . 15' Dry / 32' Wet (4,6 m / 9,8 m)
Temperature Range . . . . . -40° C to 134° C
Elastomers . . . . . Santoprene
Center Block SS316
Wetted Section . . . . . SS316L-Polished to 32 Ra

Port Configuration . . . . . Center Horizontal
Intake / Discharge Connection . . . . . 2" Tri-Clamp®
Air Inlet / Exhaust . . . . . ½" NPT / 1" NPT
Noise Level . . . . . 98 db (A)
Shipping Weight . . . . . 56.7 kg
Wet End Kit Part Number 200-160
Air Valve Kit Part Number 200-004







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