PREMIUM FDA COMPLIANT PUMPS

PERFORMANCE & SPECIFICATIONS

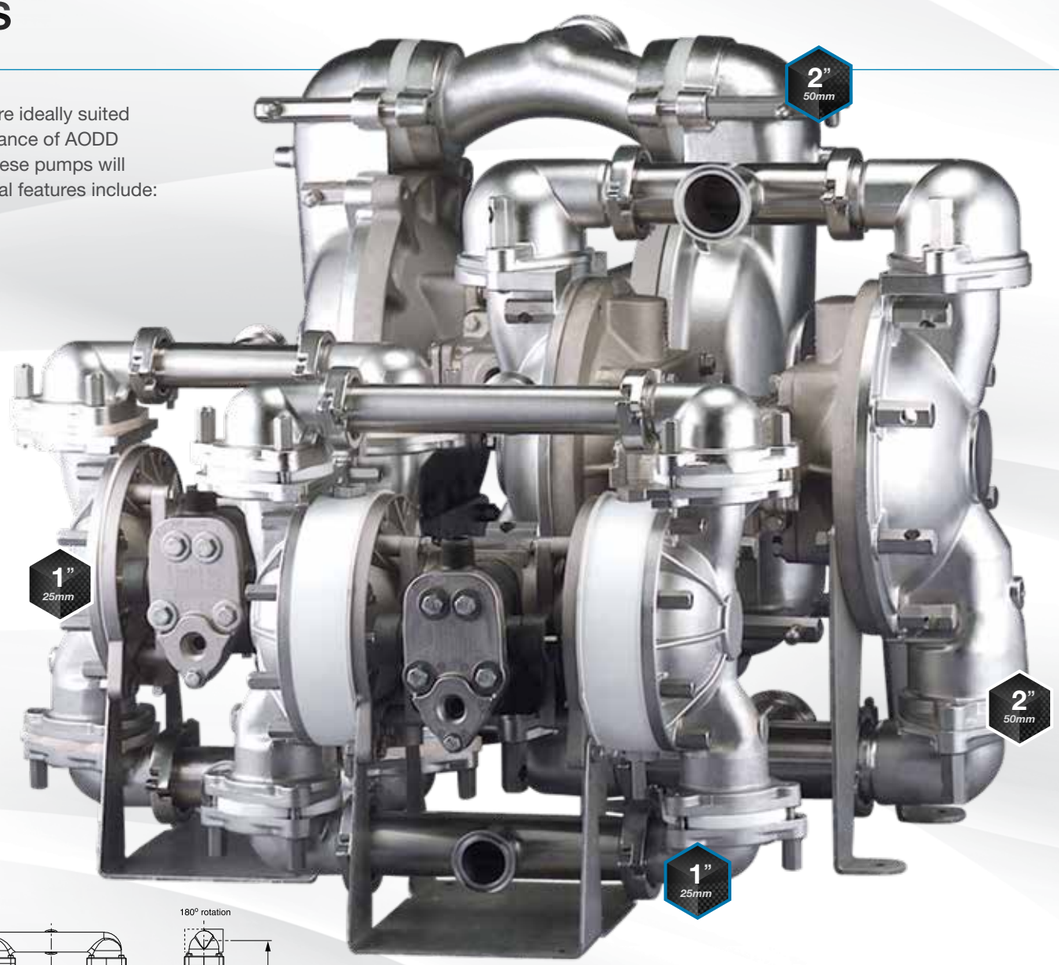
SCAN TO LEARN MORE
SANDPIPERPUMP.COM/USDAPUMPS

Our Premium FDA (Food & Drug Administration) Material Compliant Pumps are ideally suited for the ultimate in leak protection and clean pumping with the paired performance of AODD technology. Whether in a clean-in-place or clean-out-of-place application, these pumps will exceed the need for reliability and cleanability. Some of their most exceptional features include:

Leak Detection
Pair with Electronic Leak Detection. **LEARN MORE ON PAGE 63**

Materials Of Construction
Electropolished 316 and 302/304 Stainless Steel Components.

Porting Options
Rotatable manifolds.



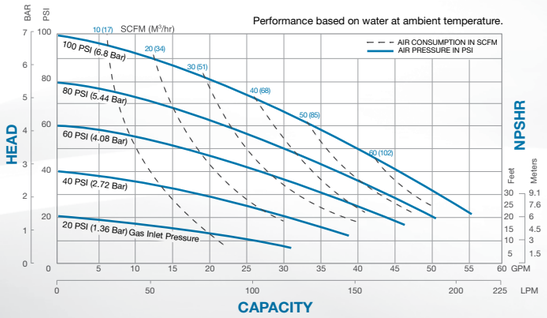
1" 25mm SSB1 / DSB1 Metallic Performance

MAX FLOW
• 54 GPM (204 LPM)

PORTING
• Tri-Clamp

AIR END
• Nickel Plated Aluminum

WET END
• Stainless Steel



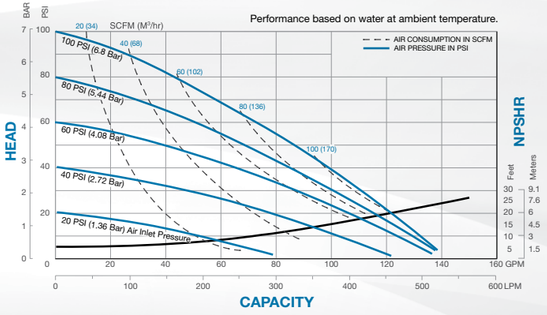
2" 50mm SSB2 Metallic Performance

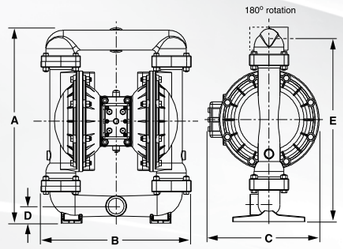
MAX FLOW
• 125 GPM (473 LPM)

PORTING
• Tri-Clamp

AIR END
• Nickel Plated Aluminum

WET END
• Stainless Steel





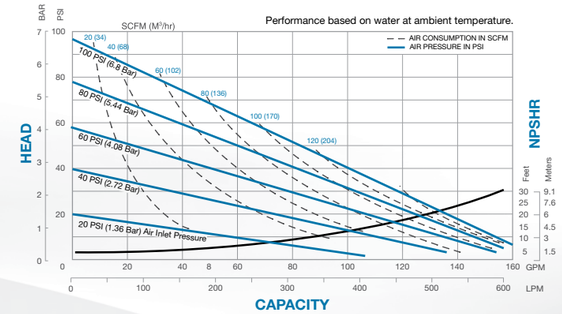
2" 50mm SSA2 Metallic Performance

MAX FLOW
• 150 GPM (567 LPM)

PORTING
• Tri-Clamp

AIR END
• Nickel Plated Aluminum

WET END
• Stainless Steel



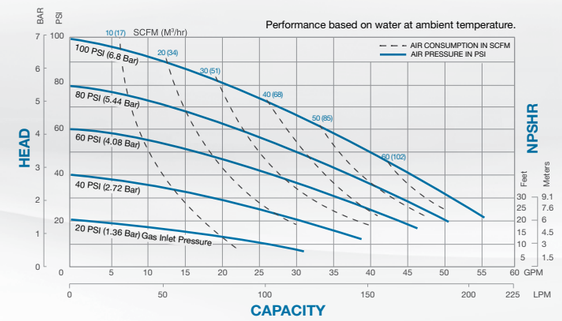
1" 25mm SET1 Metallic Performance

MAX FLOW
• 54 GPM (204 LPM)

PORTING
• Tri-Clamp

AIR END
• Nickel Plated Aluminum

WET END
• Stainless Steel



2" 50mm SET2 Metallic Performance

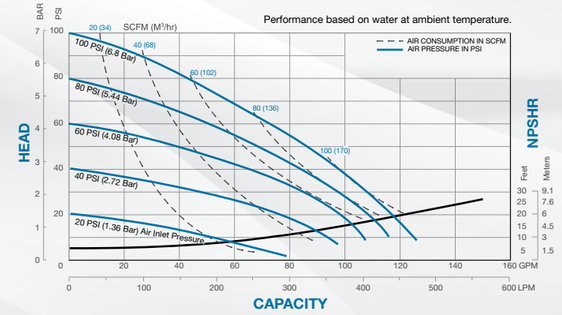
Not Pictured

MAX FLOW
• 123 GPM (465 LPM)

PORTING
• Tri-Clamp

AIR END
• Nickel Plated Aluminum

WET END
• Stainless Steel



EC1935
Food Processing plastic and elastomer food contact components meet the requirements of EU Regulation 1935/2004/EC. Refer to declaration of conformity for compliant models.

SPECIFICATIONS

PUMP MODELS	A Height	B Width	C Depth	D Bottom of Base to Center Line of: Suction	E Bottom of Base to Center Line of: Discharge	Connection Style	Pipe Size	Displacement Per Stroke	Max Flow Per Minute	Max Solids Handling	Max Discharge Pressure
	inches (mm)	inches (mm)	inches (mm)	inches (mm)	inches (mm)		inch (mm)	gal (liter)	gal (liter)	inch (mm)	psi (bar)
SSB1/DSB1	17.44 (443)	15.69 (398)	10.69 (271)	2.38 (60)	15.94 (404)	1½" Tri-Clamp	1 (25)	.09 (.34)	54 (204)	.25 (6)	125 (8.6)
SSB2	22.63 (575)	18.88 (479)	12.81 (325)	2.75 (70)	21 (533)	2" Tri-Clamp	2 (50)	.36 (1.36)	125 (473)	.25 (6)	125 (8.6)
SSA2	25.63 (651)	20.06 (510)	16.25 (413)	3.94 (100)	24.13 (612)	2½" Tri-Clamp	2 (50)	.63 (2.39)	150 (570)	1.06 (27)	125 (8.6)
SET1	17.88 (454)	19 (483)	10.19 (268)	2.38 (60)	15.75 (400)	1" Tri-Clamp	1 (25)	.09 (.34)	54 (204)	.25 (6)	125 (8.6)
SET2	23.5 (597)	24.13 (613)	13 (330)	2.38 (60)	21.25 (540)	2" Tri-Clamp	2 (50)	.36 (1.36)	123 (465)	.25 (6)	125 (8.6)

Dimensional Tolerance: ±1/8" (± 3mm) • See service manual for complete specifications.

STANDARD FDA COMPLIANT PUMPS

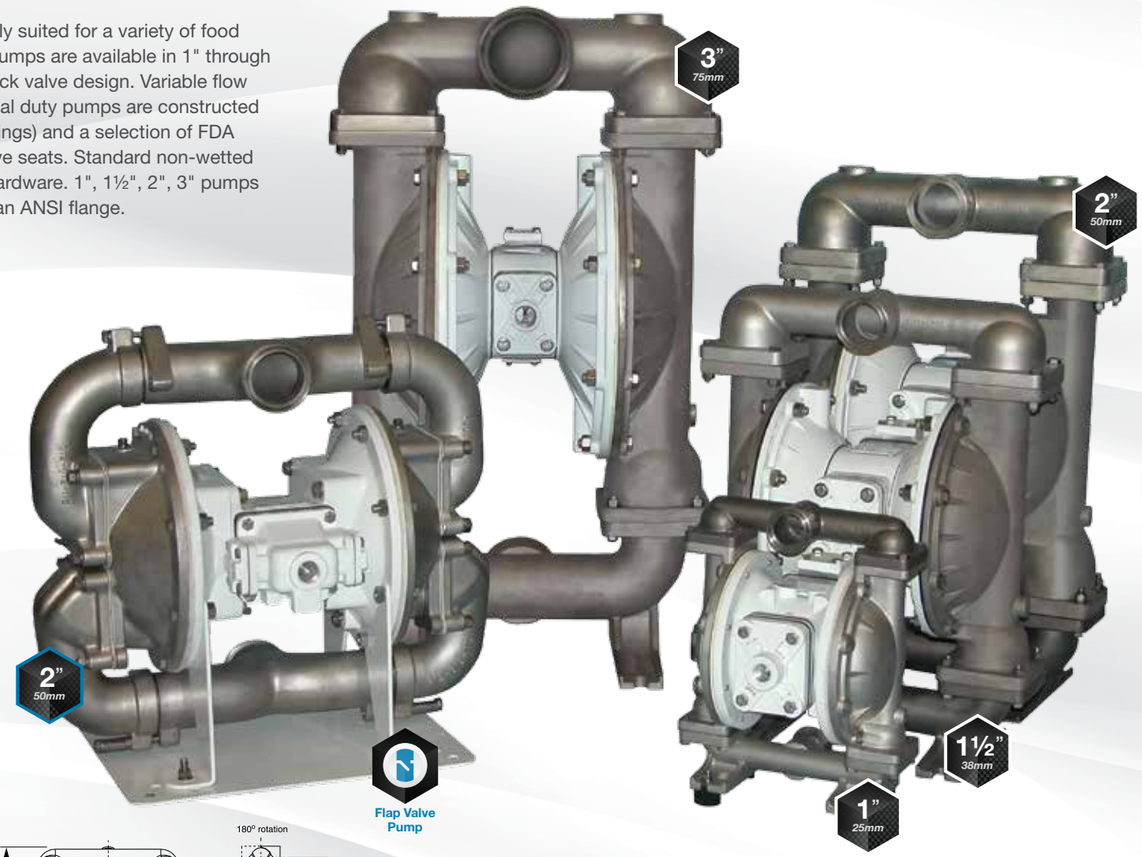
PERFORMANCE & SPECIFICATIONS

SCAN TO LEARN MORE
SANDPIPERPUMP.COM/FDAPUMPS

FDA (Food & Drug Administration) Material Compliant Pumps are ideally suited for a variety of food processing, pharmaceutical and cosmetic industry applications. The pumps are available in 1" through 3" ball check valve designs and a 2" (line size solids handling) flap check valve design. Variable flow capacities across the range are 0–235 gallons per minute. These special duty pumps are constructed of FDA compliant material components of Stainless Steel (wetted castings) and a selection of FDA Santoprene®, FDA Nitrile and PTFE diaphragms, check valves and valve seats. Standard non-wetted components are white Epoxy Coated Aluminum with Stainless Steel hardware. 1", 1½", 2", 3" pumps are offered with sanitary clamp fittings and 3" pumps are offered with an ANSI flange.

Materials Of Construction
316 Stainless Steel components.

Porting Options
Rotatable manifolds and top or bottom discharge available.



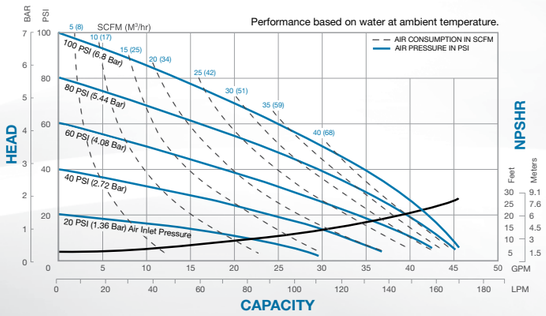
1" 25mm T1F Metallic Performance

MAX FLOW
• 45 GPM (170 LPM)

PORTING
• Tri-Clamp

AIR END
• Epoxy Coated Aluminum

WET END
• Stainless Steel



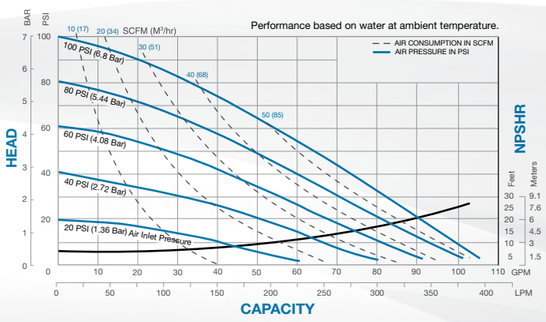
1½" 38mm T15 Metallic Performance

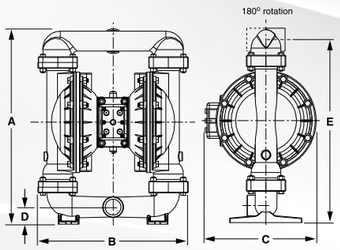
MAX FLOW
• 106 GPM (401 LPM)

PORTING
• Tri-Clamp

AIR END
• Epoxy Coated Aluminum

WET END
• Stainless Steel





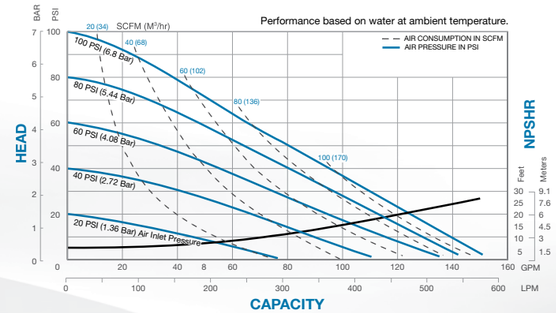
2" 50mm T20 Metallic Performance

MAX FLOW
• 150 GPM (567 LPM)

PORTING
• Tri-Clamp

AIR END
• Epoxy Coated Aluminum

WET END
• Stainless Steel



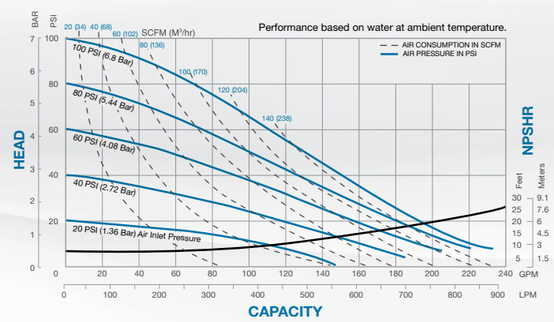
3" 75mm T30 Metallic Performance

MAX FLOW
• 235 GPM (889 LPM)

PORTING
• ANSI Flange

AIR END
• Epoxy Coated Aluminum

WET END
• Stainless Steel



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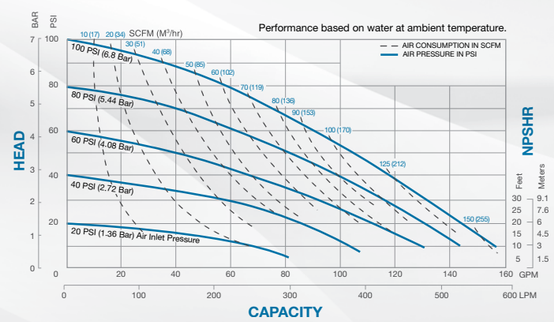
2" 50mm TSA2 Metallic Performance

MAX FLOW
• 140 GPM 530 LPM)

PORTING
• Tri-Clamp

AIR END
• Epoxy Coated Aluminum

WET END
• Stainless Steel



SPECIFICATIONS

PUMP MODELS	A Height	B Width	C Depth	D Bottom of Base to Center Line of: Suction	E Bottom of Base to Center Line of: Discharge		Connection Style	Pipe Size	Displacement Per Stroke	Max Flow Per Minute	Max Solids Handling	Max Discharge Pressure
	inches (mm)	inches (mm)	inches (mm)	inches (mm)	inches (mm)			inch (mm)	gal (liter)	gal (liter)	inch (mm)	psi (bar)
T1F	12.97 (326)	10.25 (260)	10.38 (264)	1.22 (31)	11.97 (304)		1½" Tri-Clamp	1 (25)	.11 (.42)	45 (170)	.25 (6)	125 (8.6)
T15	21.81 (554)	16.66 (423)	12.36 (314)	1.97 (50)	20.38 (518)		2" Tri-Clamp	1.5 (38)	.41 (1.55)	106 (401)	.25 (6)	125 (8.6)
T20	26.56 (674)	16.88 (428)	12.59 (320)	2 (50)	24.75 (629)		2½" Tri-Clamp	2 (50)	.42 (1.59)	150 (567)	.25 (6)	125 (8.6)
T30	32.28 (820)	19.66 (499)	15.75 (400)	4.22 (107)	30.84 (808)		4" Tri-Clamp	3 (75)	.94 (3.56)	235 (889)	.38 (9.5)	125 (8.6)
TSA2	20.81 (529)	21.25 (539)	13 (330)	2.56 (55)	17.56 (447)		2½" Tri-Clamp	2 (50)	.43 (1.60)	140 (530)	2 (50)	125 (8.6)

Dimensional Tolerance: ±1/8" (± 3mm) • See service manual for complete specifications.

Santoprene is a registered trademark of Exxon Mobil Corporation.