

STANDARD DUTY BALL VALVE PUMPS

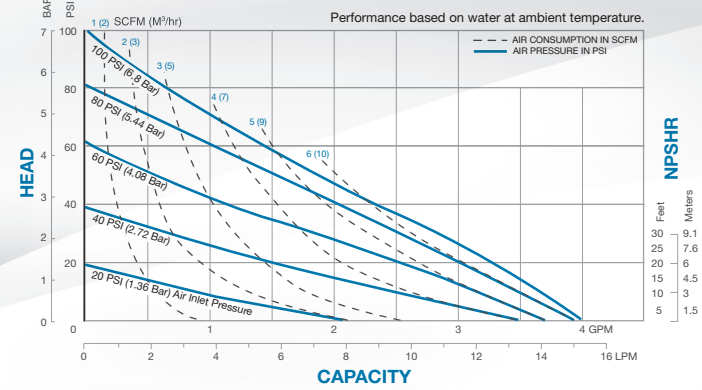
PERFORMANCE & SPECIFICATIONS

1/4"
6mm

PB 1/4 Non-Metallic Performance



- MAX FLOW**
• 4 GPM (15 LPM)
- PORTING**
• NPT
- AIR END**
• Polypropylene
• Conductive Acetal
- WET END**
• Polypropylene
• PVDF
• Conductive Acetal

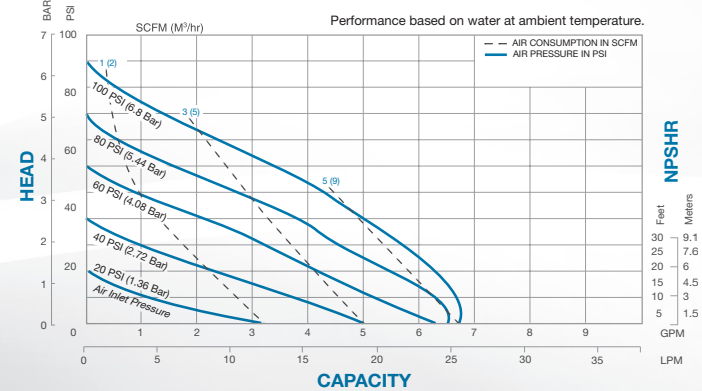


3/8"
9mm

WR10 Non-Metallic Performance



- MAX FLOW**
• 6.8 GPM (26 LPM)
- PORTING**
• NPT / BSP
- AIR END**
• PTFE
- WET END**
• PTFE
• PVDF

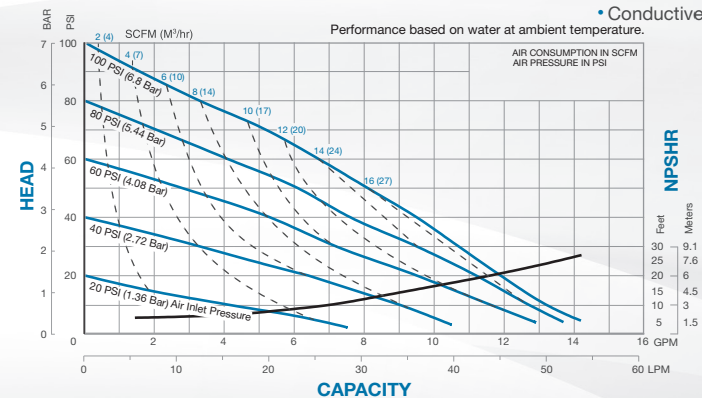


1/2"
12mm

S05 Non-Metallic Performance



- MAX FLOW**
• 14 GPM (52 LPM)
- PORTING**
• NPT / BSP
- AIR END**
• Polypropylene
• Conductive Polypropylene
- WET END**
• Polypropylene / Conductive Polypropylene
• Nylon
• PVDF / Conductive PVDF
• Conductive Acetal

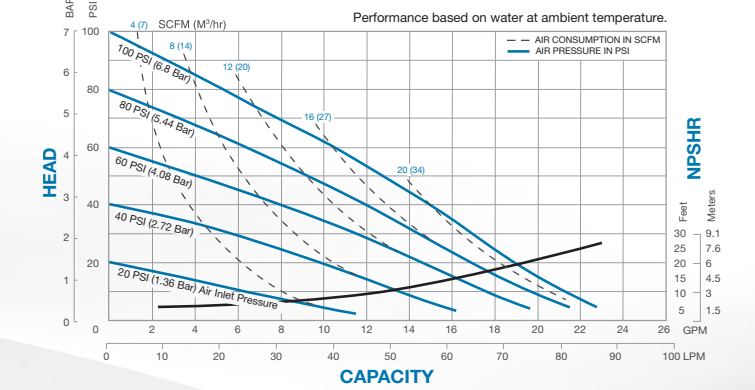


3/4"
19mm

S07 Non-Metallic Performance



- MAX FLOW**
• 23 GPM (87 LPM)
- PORTING**
• NPT / BSP
- AIR END**
• Polypropylene
- WET END**
• Polypropylene
• Nylon
• PVDF

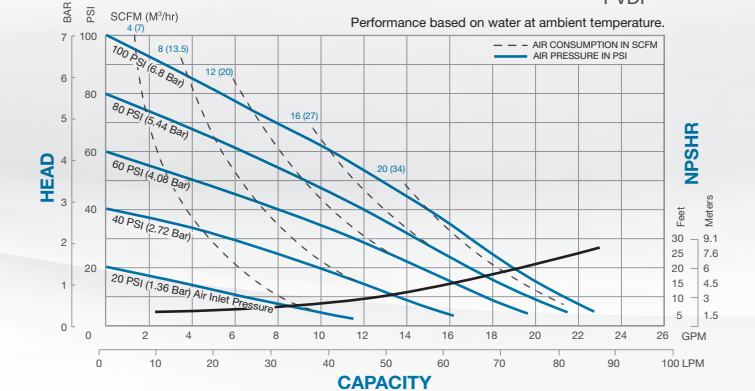


1"
25mm

S10 Non-Metallic Performance



- MAX FLOW**
• 23 GPM (87 LPM)
- PORTING**
• ANSI Flange
- AIR END**
• Polypropylene
- WET END**
• Polypropylene
• Nylon
• PVDF

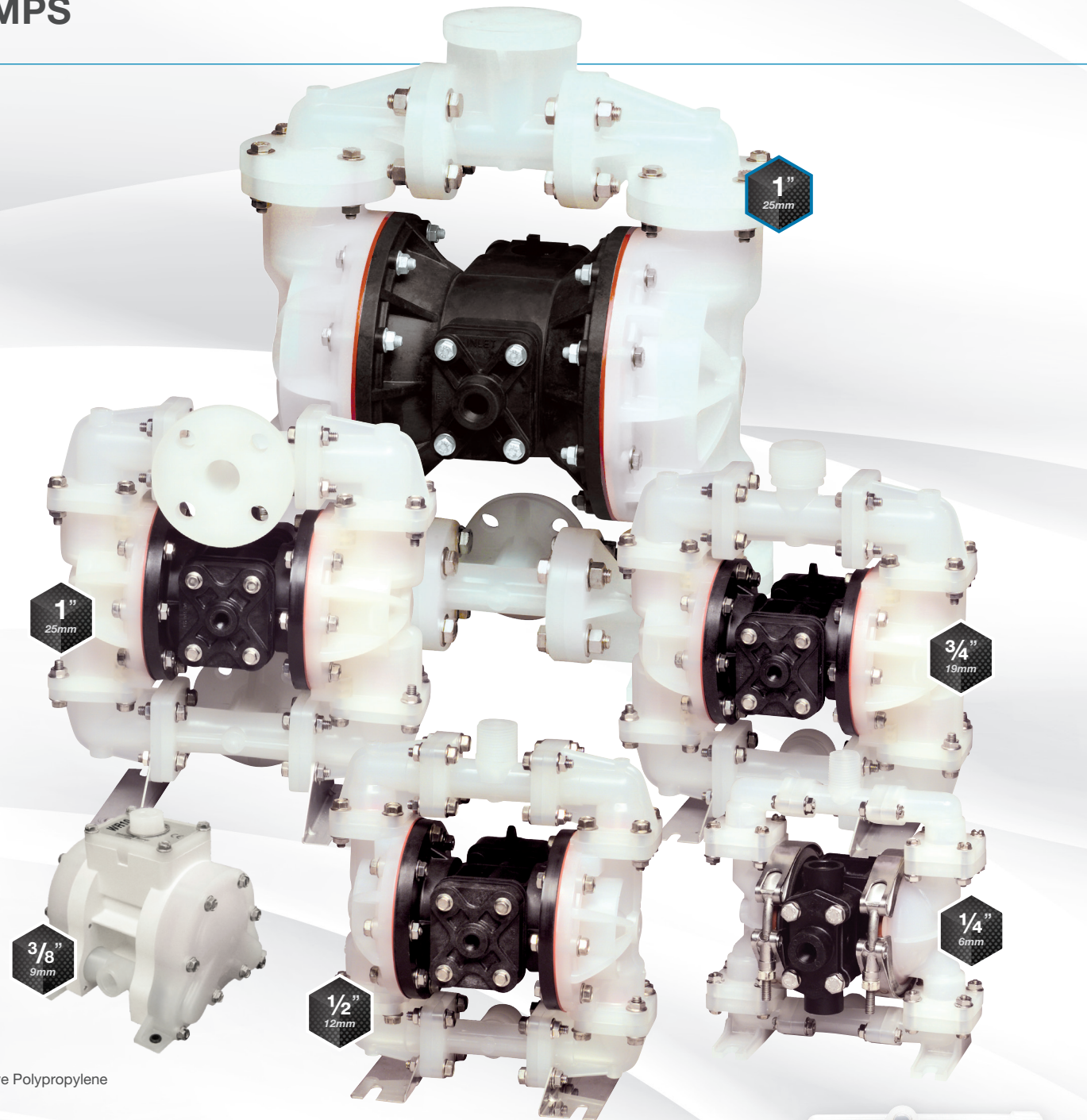
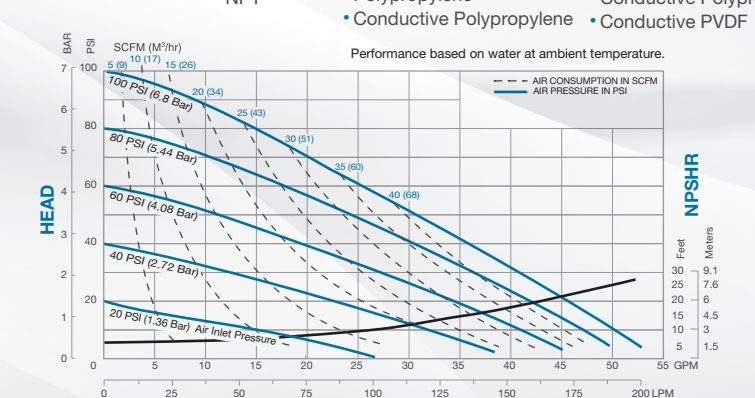


1"
25mm

S1F Non-Metallic Performance



- MAX FLOW**
• 53 GPM (200 LPM)
- PORTING**
• ANSI Flange
• DIN Flange
• NPT
- AIR END**
• Polypropylene
• 40% Glass Filled Polypropylene
• Conductive Polypropylene
- WET END**
• Polypropylene
• PVDF
• Conductive Polypropylene
• Conductive PVDF



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In-line ported options also available on S05 and S1F

STANDARD DUTY BALL VALVE PUMPS

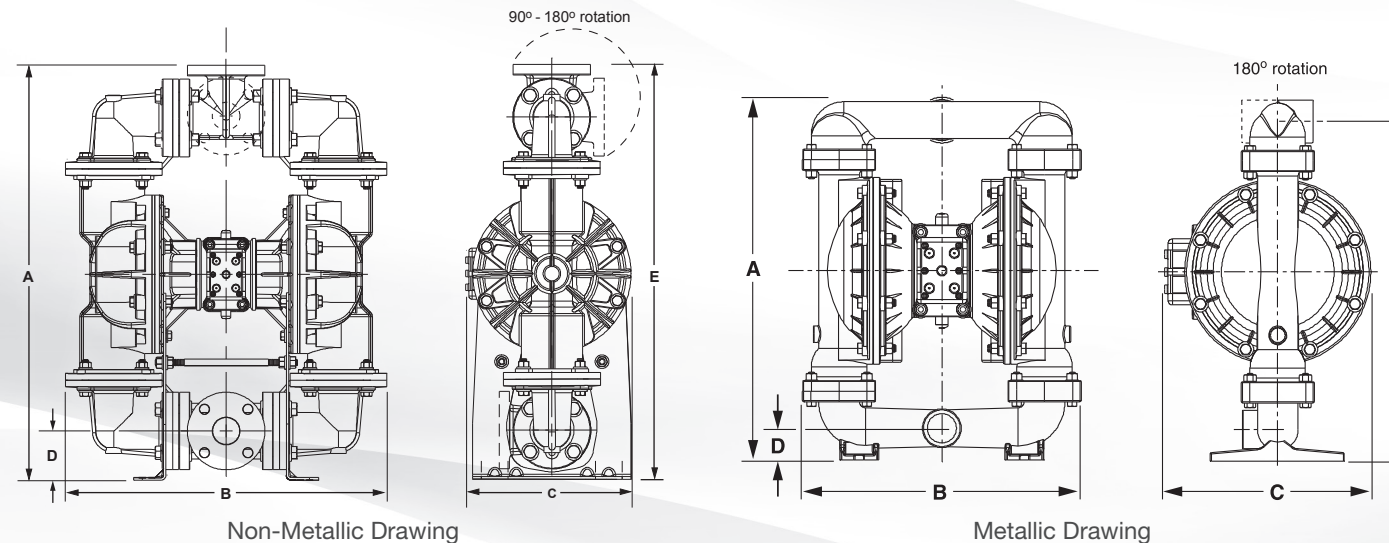
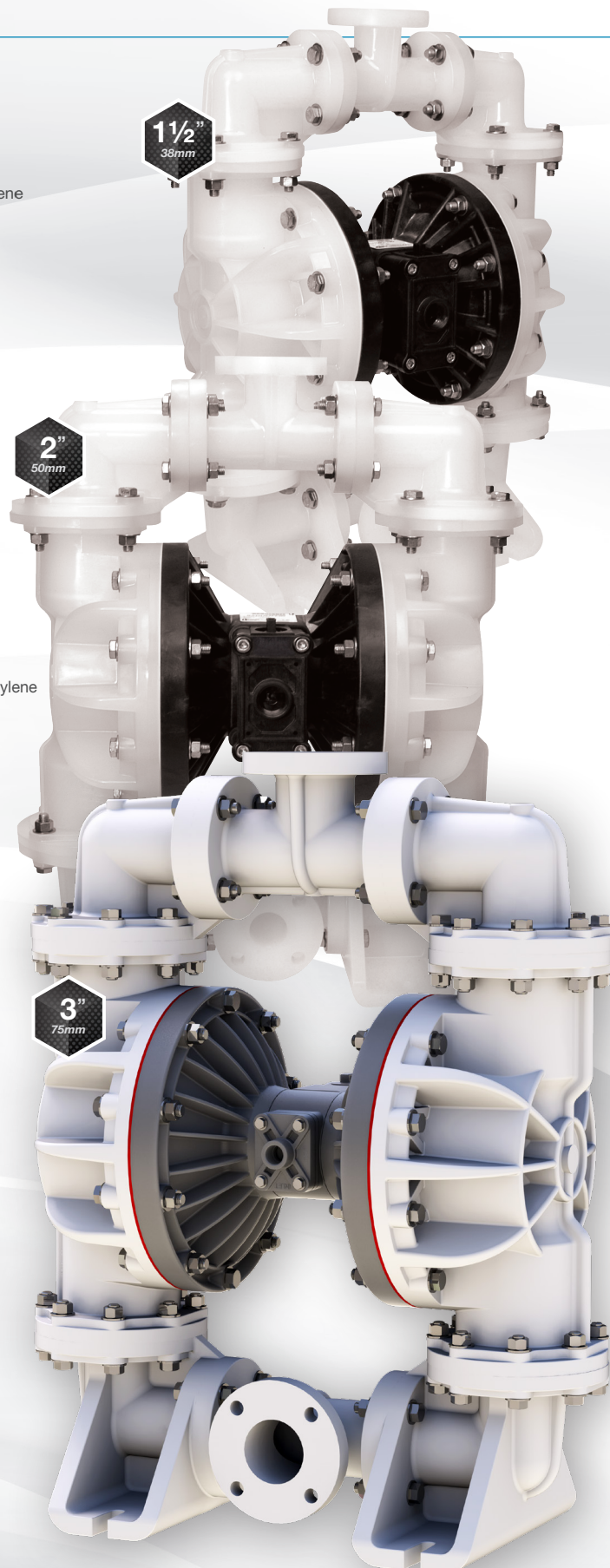
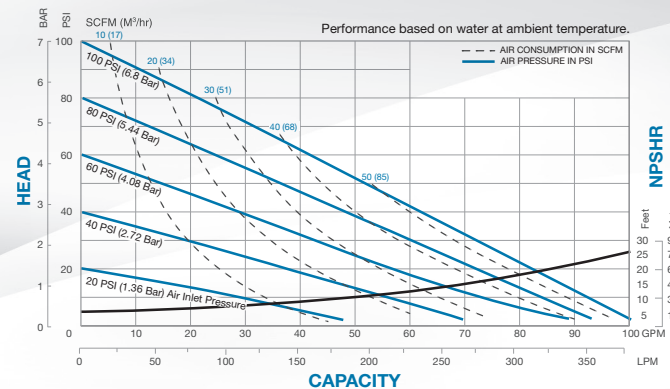
PERFORMANCE & SPECIFICATIONS

1½" 38mm

S15 Non-Metallic Performance



- MAX FLOW** • 100 GPM (378 LPM)
- PORTING** • ANSI Flange • DIN Flange
- AIR END** • Polypropylene • Conductive Polypropylene
- WET END** • Polypropylene • PVDF • Conductive Polypropylene

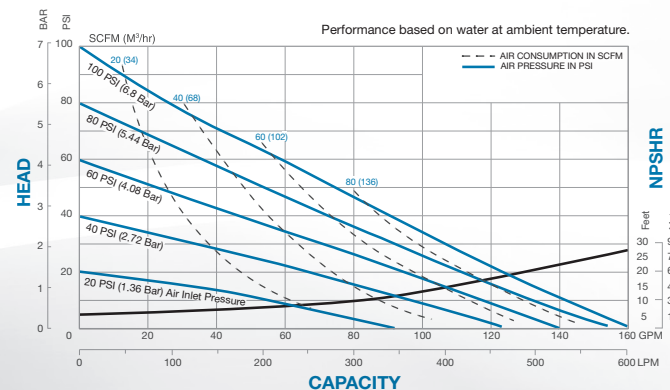


2" 50mm

S20 Non-Metallic Performance



- MAX FLOW** • 160 GPM (605 LPM)
- PORTING** • Universal Flange
- AIR END** • Polypropylene • Conductive Polypropylene
- WET END** • Polypropylene • PVDF • Conductive Polypropylene



METALLIC SPECIFICATIONS

PUMP MODELS	A	B	C	D		Connection Style	Pipe Size	Displacement Per Stroke	Max Flow Per Minute	Max Solids Handling	Max Discharge Pressure
	Height	Width	Depth	Bottom of Base to Center Line of: Suction / Discharge							
	inches (mm)	inches (mm)	inches (mm)	inches (mm)	inches (mm)		inch (mm)	gal (liter)	gal (liter)	inch (mm)	psi (bar)
X02	5.81 (148)	7.44 (189)	4.38 (111)	.63(16)	5.41 (138)	¼" NPT/BSP	.25 (6)	.003 (.01)	4.75 (18)	.08 (2)	125 (8.6)
S05 AL	11.5 (292)	10.25 (260)	7.44 (179)	1.94 (33)	11.5 (292)	½" NPT/BSP	.5 (12)	.026 (.098)	15 (57)	.13 (3)	125 (8.6)
S05 SS	10.38 (264)	10.25 (260)	7.44 (179)	1.31 (33)	9.72 (247)	½" NPT/BSP	.5 (12)	.026 (.098)	15 (57)	.13 (3)	125 (8.6)
S1F AL / CI	12.72 (323)	10.25 (260)	10.38 (264)	1.09 (28)	11.84 (301)	1" NPT/BSP	1 (25)	.11 (.42)	45 (170)	.25 (6)	125 (8.6)
S1F SS	12.84 (326)	10.25 (260)	10.38 (264)	1.22 (31)	11.97 (304)	1" NPT/BSP	1 (25)	.11 (.42)	45 (170)	.25 (6)	125 (8.6)
S15 AL / CI	21.58 (548)	16.66 (423)	12.36 (314)	1.91 (49)	20.31 (516)	1½" NPT/BSP	1.5 (38)	.41 (1.55)	106 (401)	.25 (6)	125 (8.6)
S15 SS	21.66 (550)	16.66 (423)	12.36 (314)	1.97 (50)	20.38 (518)	1½" NPT/BSP	1.5 (38)	.41 (1.55)	106 (401)	.25 (6)	125 (8.6)
S20 AL / CI	26.31 (669)	16.88 (428)	12.59 (320)	1.88 (48)	24.63 (625)	2" NPT/BSP	2 (50)	.42 (1.59)	200 (758)	.25 (6)	125 (8.6)
S20 SS	26.31 (669)	16.88 (428)	12.59 (320)	2 (50)	24.75 (629)	2" NPT/BSP	2 (50)	.42 (1.59)	200 (758)	.25 (6)	125 (8.6)
S30 AL/CI	32.06 (814)	19.66 (499)	15.75 (400)	2.34 (60)	29.97 (761)	3" NPT/BSP	3 (75)	.94 (3.56)	285 (1,078)	.38 (9.5)	125 (8.6)
S30 SS	32.28 (820)	19.66 (499)	15.75 (400)	2.28 (65)	30.19 (767)	3" NPT/BSP	3 (75)	.94 (3.56)	285 (1,078)	.38 (9.5)	125 (8.6)

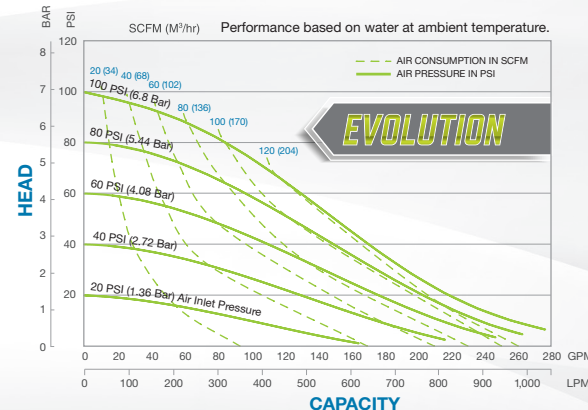
Dimensional Tolerance: ±1/8" (±3mm) • See service manual for complete specifications.

3" 75mm

S30 Non-Metallic Performance



- MAX FLOW** • 280 GPM (1,061 LPM)
- PORTING** • ANSI Flange • DIN Flange
- AIR END** • Glass Filled Polypropylene
- WET END** • Polypropylene • PVDF



NON-METALLIC SPECIFICATIONS

PUMP MODELS	A	B	C	D		Connection Style	Pipe Size	Displacement Per Stroke	Max Flow Per Minute	Max Solids Handling	Max Discharge Pressure
	Height	Width	Depth	Bottom of Base to Center Line of: Suction / Discharge							
	inches (mm)	inches (mm)	inches (mm)	inches (mm)	inches (mm)		inch (mm)	gal (liter)	gal (liter)	inch (mm)	psi (bar)
PB¼	7.81 (198)	7 (178)	5.5 (140)	.75 (19)	7.81 (198)	¼" NPT	.25 (6)	.01 (.04)	4 (15)	.03 (1)	100 (6.9)
WR10	5.32 (135)	4.09 (104)	5.72 (145)	0.94 (24)	0.94 (24)	¾" NPT	.375 (10)	.009 (.034)	6.8 (26)	0.1 (2.25)	100 (6.9)
S05	11.31 (287)	10.13 (257)	7.06 (179)	1.38 (35)	11.31 (287)	½" NPT	.5 (13)	.026 (.098)	14 (52)	.125 (3)	100 (6.9)
S07*	13.34 (339)	11.81 (300)	7.06 (179)	1.81 (46)	13.34 (339)	¾" NPT	.75 (19)	.026 (.098)	13 (48)	.38 (9)	100 (6.9)
S07	13.34 (339)	11.81 (300)	7.06 (179)	1.81 (46)	13.34 (339)	¾" NPT	.75 (19)	.026 (.098)	23 (87)	.15 (4)	100 (6.9)
S10	13.81 (351)	11.81 (300)	7.56 (192)	2.5 (64)	11.69 (297)	1" ANSI	1 (25)	.026 (.098)	23 (87)	.15 (4)	100 (6.9)
S1F	21 (533)	17 (433)	11.63 (295)	2.5 (64)	21 (533)	1" U	1 (25)	.19 (.72)	53 (200)	.25 (6)	100 (6.9)
S15	28.75 (730)	23 (584)	13 (330)	3.5 (89)	25.19 (640)	1½" ANSI or DIN	1.5 (38)	.36 (1.36)	100 (378)	.47 (12)	100 (6.9)
S20	32.25 (819)	23.81 (605)	13 (330)	3.81 (97)	28.19 (716)	2" U	2 (50)	.36 (1.36)	160 (605)	.66 (17)	100 (6.9)
S30	40.66 (1033)	32.31 (821)	16.19 (411)	4.85 (123)	40.66 (1033)	3" ANSI or DIN	3 (75)	1.0 (3.78)	280 (1061)	.75 (19)	100 (6.9)

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

U = Universal: Fits both ANSI or DIN.
* = Trihedral.