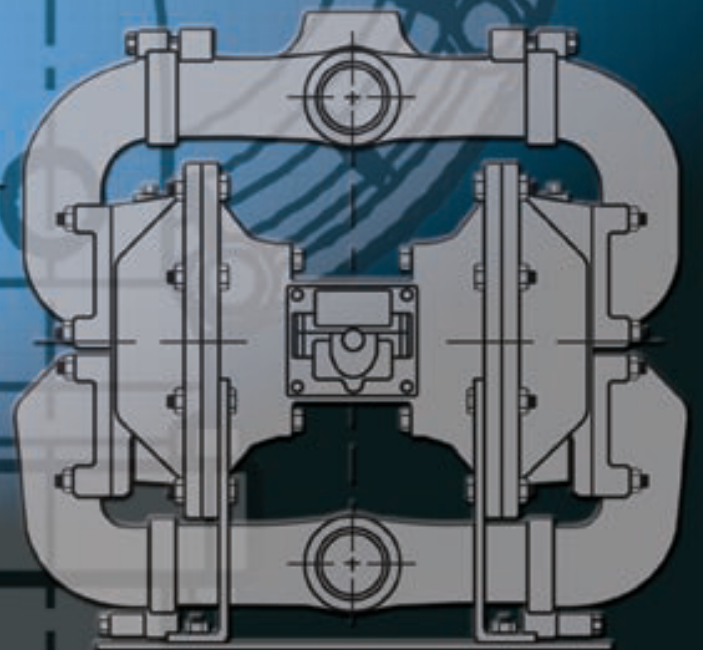
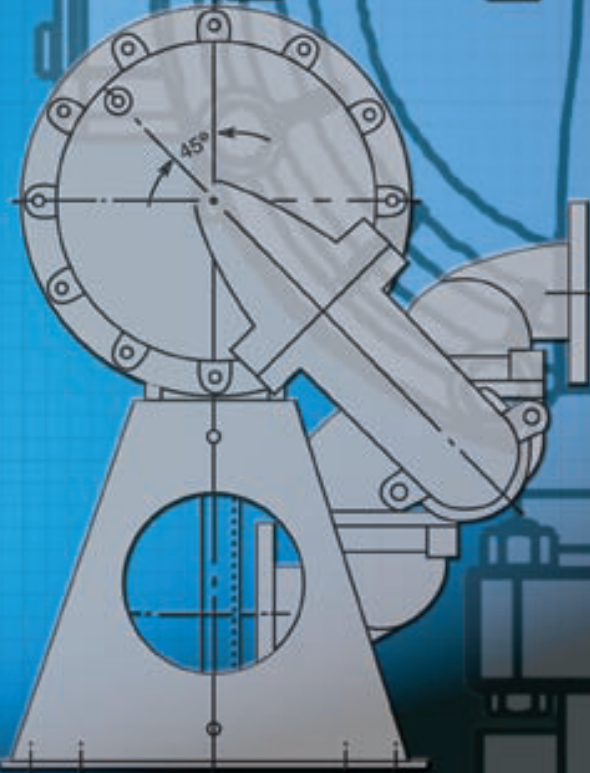
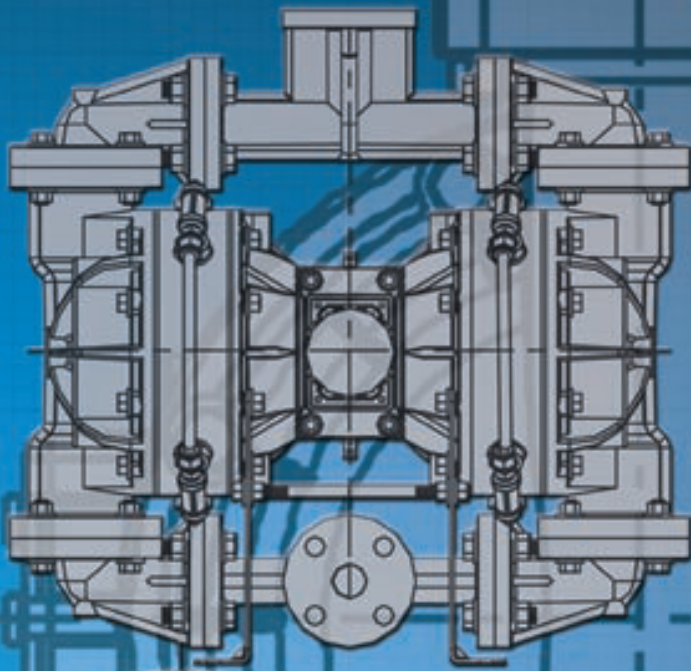


Discover

# SANDPIPER<sup>®</sup> Pumping Solutions

A WARREN RUPP PUMP BRAND

*with more ways than one*



100 PSI

# STANDARD DUTY BALL



**180° Manifold  
Connection Rotation**

**All Bolted  
Construction**

**ESADS + Plus®  
(Externally Serviceable  
Air Distribution System)  
Lube Free**

**90°-180°  
Manifold  
Connection  
Rotation**

**All Bolted  
Construction**

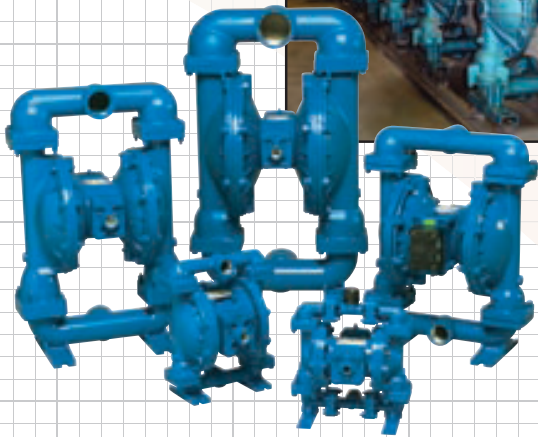
**Durable Diaphragm  
Connecting Rod**

**Warren Rupp Signature Features - in BLUE**



# CONFIGURATION FEATURES

**Metallic**



**Non-Metallic**

## STANDARD DUTY BALL

**ESADS + Plus® All Bolted Construction**

**Top Discharge Ball Check Valves**

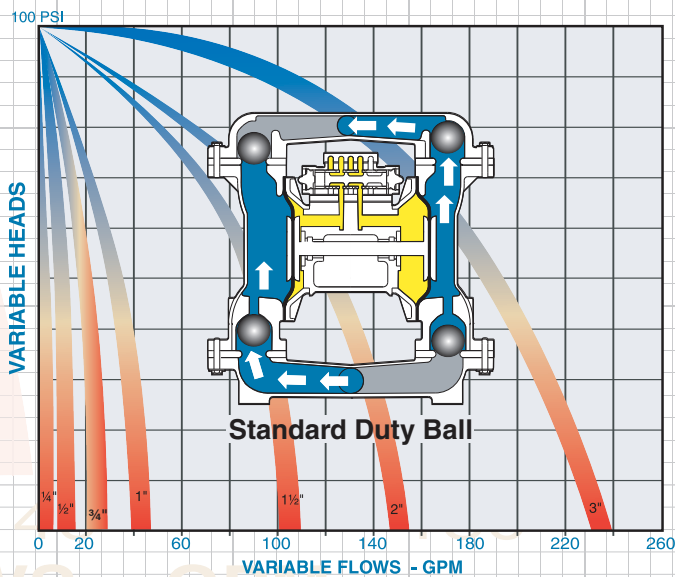
**Durable Diaphragm Connecting Rod**

**Light Weight - Portable**

**90° - 180° Manifold Connection Rotation**

**Solids Range + 1/8" (2mm) to 1/2" (12.7mm)**

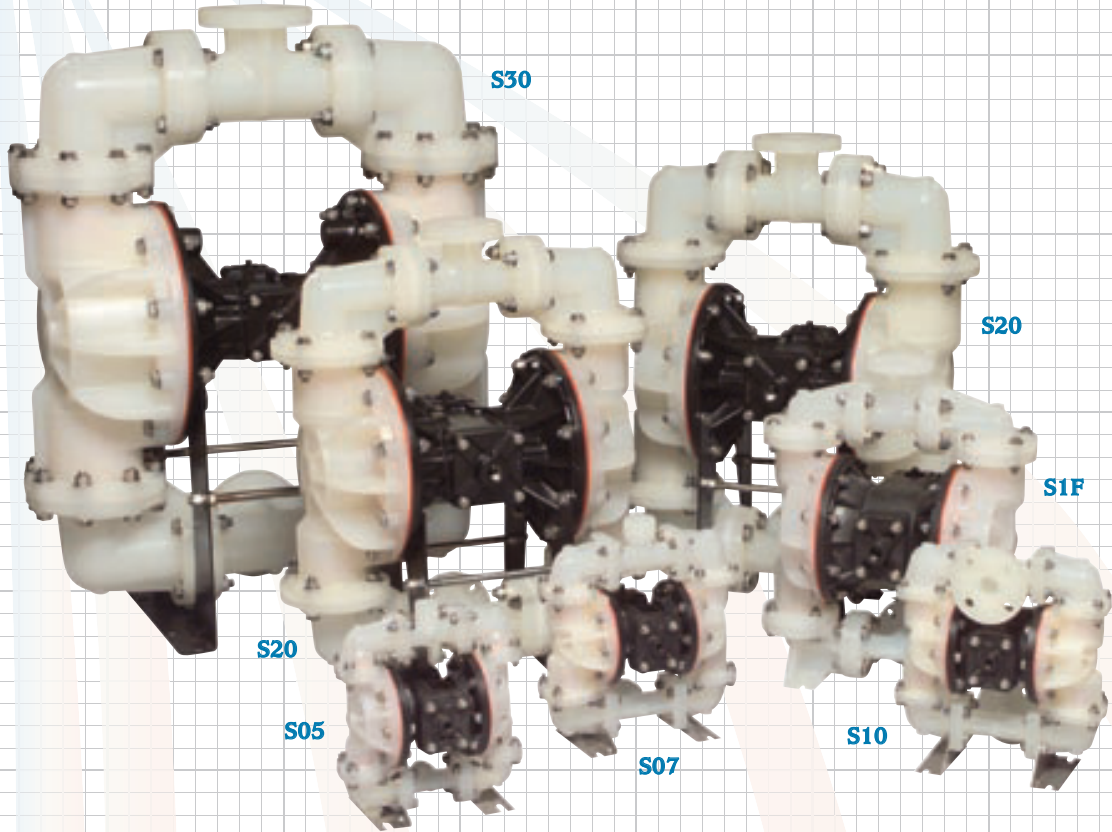
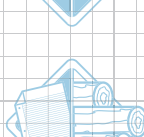
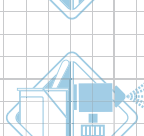
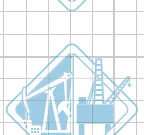
**Dry Primes up to 20 Feet of Water**



		Standard Duty Top Discharge	
		Metallic	Non-Metallic
<b>Fluid Characteristics</b>	Water (base reference)	A	A
	Suspended Solids	A	B
	Non-Suspended Solids	C	X
	Line Size Solids	X	X
	Sludge / Slurry	B	C
	High Viscosity (Flowable Fluids)	B	B
	Erosion / Abrasive Fluids	High Moderate Low	B B A
Corrosion		B	A
<b>Installation</b>	Permanent	B	B
	Portable	A	A
	Containment / Prevention	C	C
	Flooded Suction	B	B
	Suction Lift	B	B
<b>Duty</b>	Intermittent / On-Demand	A	A
	Continuous	B	B
		A = Best Type B = Suitable	C = Caution (Limitations) X = Unsuitable

100 PSI

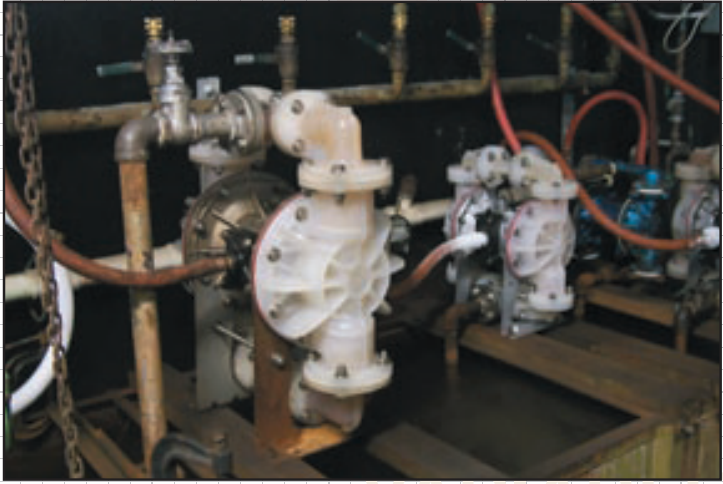
# STANDARD DUTY BALL - Non-Metallic



VARIABLE HEADS

**Standard Duty Non-Metallic Pumps** are ideally suited for highly corrosive fluids intermittent/on-demand, portable, low abrasive fluids and suspended solids. Standard duty non-metallic pumps are constructed in Polypropylene, Kynar and Conductive Acetal with TPE (thermal plastic elastomers) and PTFE options in diaphragms and check valves.

**Standard duty polypropylene pumps installed for chemical processing.**



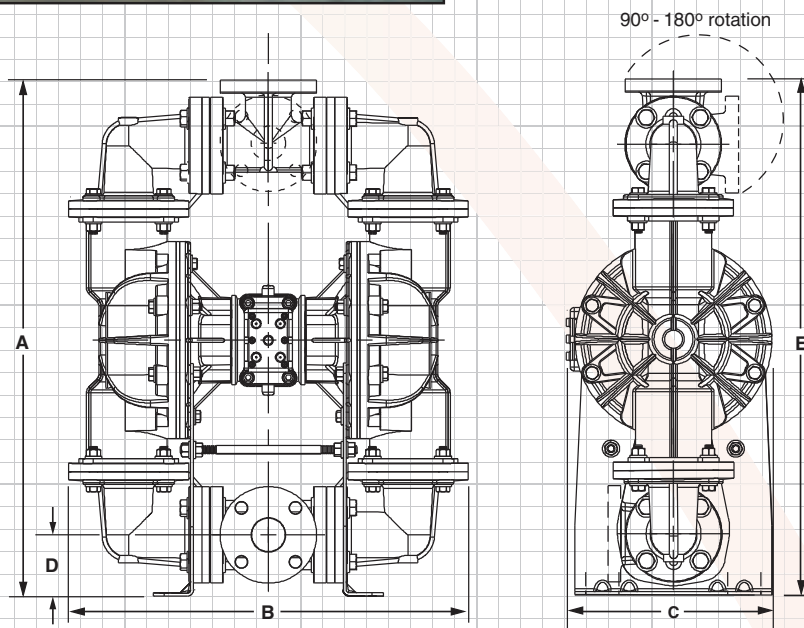
VARIABLE FL

With more ways than one!

# Dimensional Detail



Distributor fabricated portable filtration cart with standard duty non-metallic pump.



PUMP MODELS	A	B	C	D		E	Connection Style	Pipe Size inch (mm)	Displacement Per Stroke gal (liter)	Max Flow Per Minute gal (liter)	Max Solids Handling inch (mm) psi (kPa)	Max Discharge Pressure r)
	Height	Width	Depth	Bottom of Base to Center Line of:								
	inches (mm)	inches (mm)	inches (mm)	Suction	Discharge	inches (mm)						
PB¼-A	7 13/16 (198)	7 (178)	5 1/2 (140)	3 1/4 (86)	7 13/16 (198)	1/2" MNPT	.25 (6)		.01 (.04)	4 (15)	.03 (1)	100 (6.9)
S05	11 5/16 (287)	10 1/8 (257)	7 1/16 (179)	1 3/4 (35)	11 5/16 (287)	1" MNPT	.5	(15)	.026 (.098)	14 (52)	.25 (3)	100 (6.9)
S07T*	13 11/32 (339)	11 13/16 (300)	7 1/16 (179)	1 13/16 (46)	13 11/32 (339)	1 1/2" MNPT	.75 (20)		.016 (.059)	13 (48)	.38 (9)	100 (6.9)
S07	13 11/32 (339)	11 13/16 (300)	7 1/16 (179)	1 13/16 (46)	13 11/32 (339)	1 1/2" MNPT	.75 (20)		.026 (.098)	23 (87)	.15 (4)	100 (6.9)
S10	13 13/16 (351)	11 13/16 (300)	7 9/16 (192)	2 1/2 (64)	11 11/16 (297)	1" 125# ANSI	1 (25)		.026 (.098)	23 (87)	.15 (4)	100 (6.9)
S1F	21 (533)	17 (433)	1 5/8 (295)	2 1/2 (64)	21 (533)	1" 125# ANSI	1 (25)		.17 (.64)	45 (170)	.25 (6)	100 (6.9)
S15	28 11/16 (729)	23 7/8 (606)	12 1/16 (322)	3 1/2 (89)	28 11/16 (729)	1 1/2" 125# ANSI	1.5 (40)		.36 (1.36)	90 (340)	.47 (12)	100 (6.9)
S20	32 1/16 (814)	24 5/8 (625)	12 1/16 (322)	3 13/16 (97)	32 1/16 (814)	2" 125# ANSI	2 (50)		.36 (1.36)	150 (568)	.66 (17)	100 (6.9)
S30	40 5/8 (1032)	33 3/8 (848)	13 1/4 (464)	4 7/8 (124)	40 5/8 (1032)	3" 1	25# ANSI	3 (80)	.9 (3.41)	238 (901)	.71 (18)	100 (6.9)

\*T= Trihedral

All Dimensions ±.1/16 (3)

100 GPM - GPM