STANDARD DUTY BALL VALVE PUMPS

SANDPIPER'S MOST POPULAR PRODUCT LINE, OFFERING A LARGE VARIETY OF PERFORMANCE AND APPLICATION CAPABILITIES

Standard Duty Metallic Pumps are ideally suited for intermittent / on-demand, portable, moderately abrasive fluids, and suspended solids. Standard duty pumps are constructed in Aluminum, Cast Iron, Stainless Steel and non-metallic materials such as PTFE, Polypropylene, and PVDF with elastomer TPE (thermal plastic elastomers) and PTFE options in diaphragms and check valves.

Lightweight & Portable
Weights as low as 4 lbs (1.8 kg).

All Bolted Construction
Durable and high pressure capable.

Top Discharge
For pumping out of tough areas.

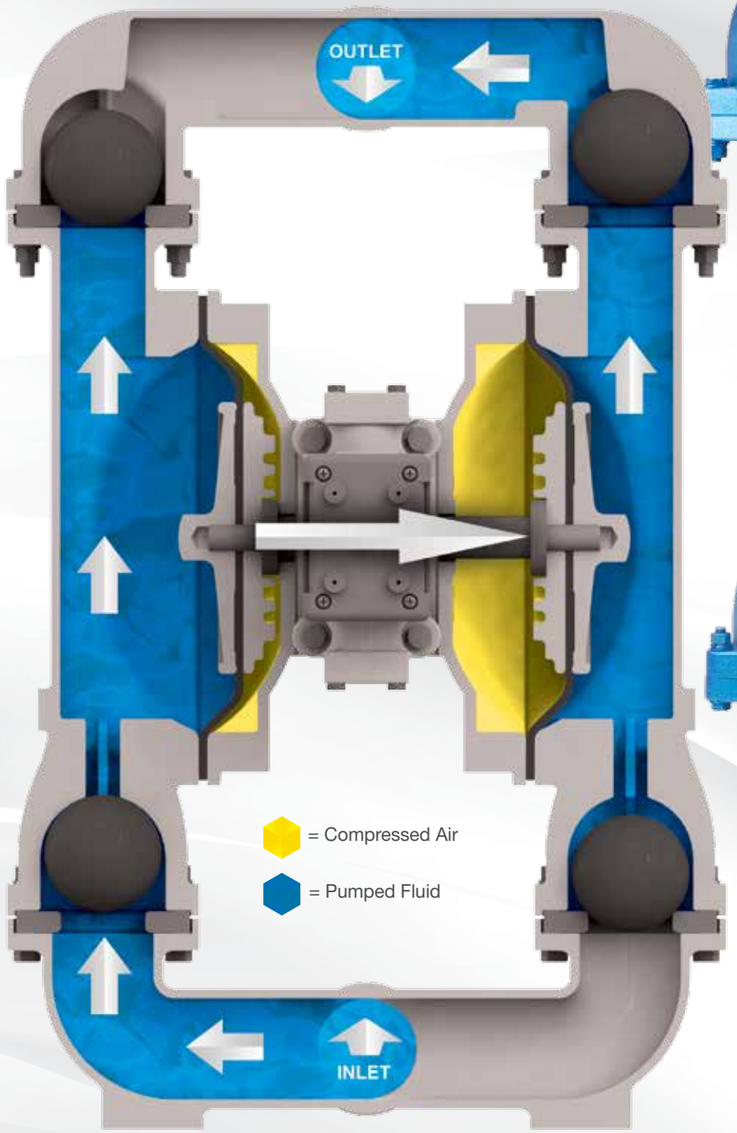
Ball Check Valves
Provide powerful, high flow pumping.

Diaphragm Connecting Rods
Reliable and consistent diaphragm control.

ESADS+Plus Air Valve
Externally Serviceable Air Distribution System.

Dynamic Manifold Connections
90° - 180° rotation options.

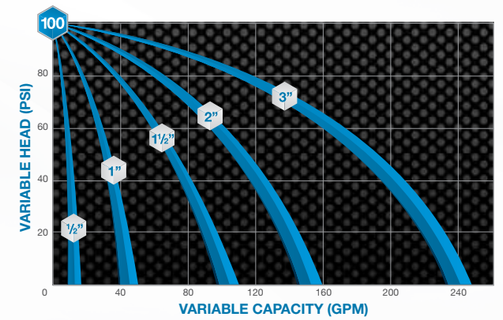
Certifications Available



	CHARACTERISTICS		Metallic	Non-Metallic
Fluid Characteristics	Water		+	+
	Suspended Solids		+	✓
	Non-Suspended Solids		!	X
	Line Size Solids		X	X
	Sludge / Slurry		✓	!
	High Viscosity (Flowable Fluids)		✓	✓
	Erosion / Abrasive Fluids	High	✓	!
		Moderate	✓	!
		Low	+	✓
	Corrosion		✓	+
Installation	Permanent		✓	✓
	Portable		+	+
	Containment / Prevention		!	!
	Flooded Suction		✓	✓
	Suction Lift		✓	✓
	Submerged		✓	!
Duty	Intermittent / On-Demand		+	+
	Continuous		✓	✓

+ = Best Type ✓ = Suitable ! = Limitations X = Not Recommended

Composite Performance Curve



STANDARD DUTY BALL VALVE PUMPS

PERFORMANCE & SPECIFICATIONS

SCAN TO LEARN MORE
SANDPIPERPUMP.COM/STANDARDDUTYPUMPS

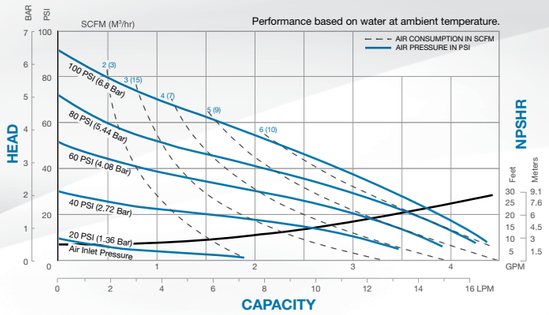
1/4" 6mm E02 / X02 Metallic Performance

MAX FLOW
- 4.75 GPM (18 LPM)

PORTING
- BSP Parallel

AIR END
- Stainless Steel

WET END
- Stainless Steel



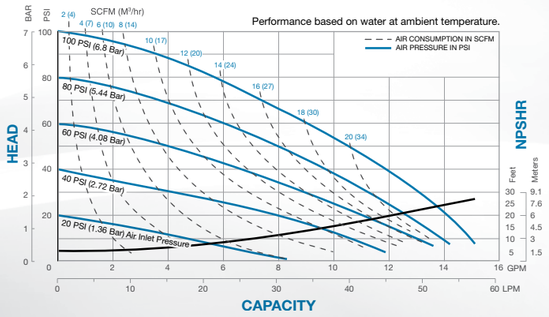
1/2" 12mm S05 Metallic Performance

MAX FLOW
- 15 GPM (56 LPM)

PORTING
- NPT / BSP
- ANSI Flange

AIR END
- Aluminum

WET END
- Aluminum
- Stainless Steel



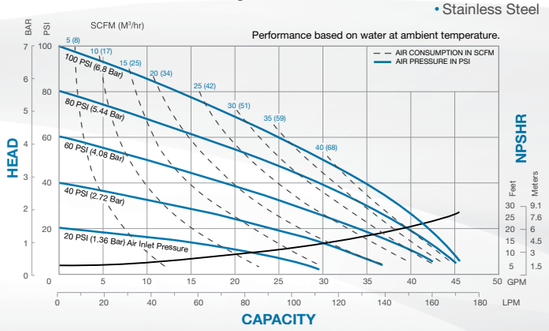
1" 25mm S1F Metallic Performance

MAX FLOW
- 45 GPM (170 LPM)

PORTING
- NPT / BSP
- ANSI Flange

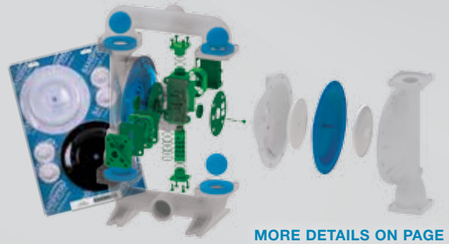
AIR END
- Aluminum

WET END
- Cast Iron
- Aluminum
- Stainless Steel



Genuine Parts Service Kits

- Everything in One Place.
- Reduce Frequency of Repairs.
- Increase Uptime.
- Save Time and Money.



MORE DETAILS ON PAGE 70

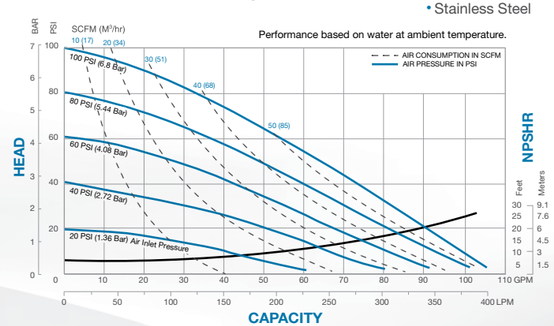
1½" 38mm S15 Metallic Performance

MAX FLOW
- 106 GPM (401 LPM)

PORTING
- NPT / BSP
- ANSI Flange

AIR END
- Aluminum

WET END
- Cast Iron
- Aluminum
- Stainless Steel



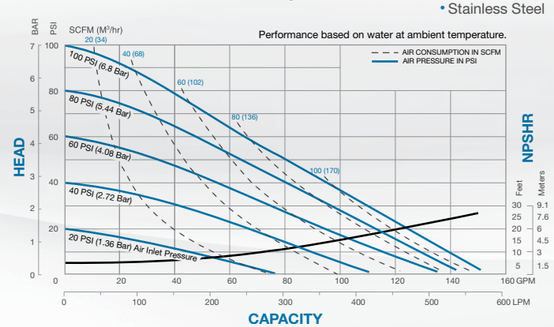
2" 50mm S20 Metallic Performance

MAX FLOW
- 150 GPM (567 LPM)

PORTING
- NPT / BSP
- ANSI / DIN Flange

AIR END
- Aluminum

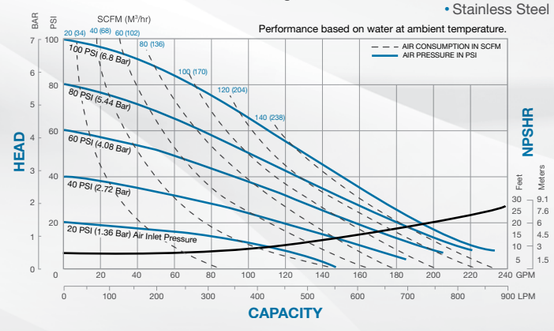
WET END
- Cast Iron
- Aluminum
- Stainless Steel



3" 75mm S30 Metallic Performance

MAX FLOW
- 235 GPM (889 LPM)

PORTING
- NPT / BSP
- ANSI / DIN Flange

AIR END
- Aluminum

WET END
- Cast Iron
- Aluminum
- Stainless Steel