

# STANDARD DUTY BALL VALVE PUMPS

OFFERING THE WIDEST RANGE 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

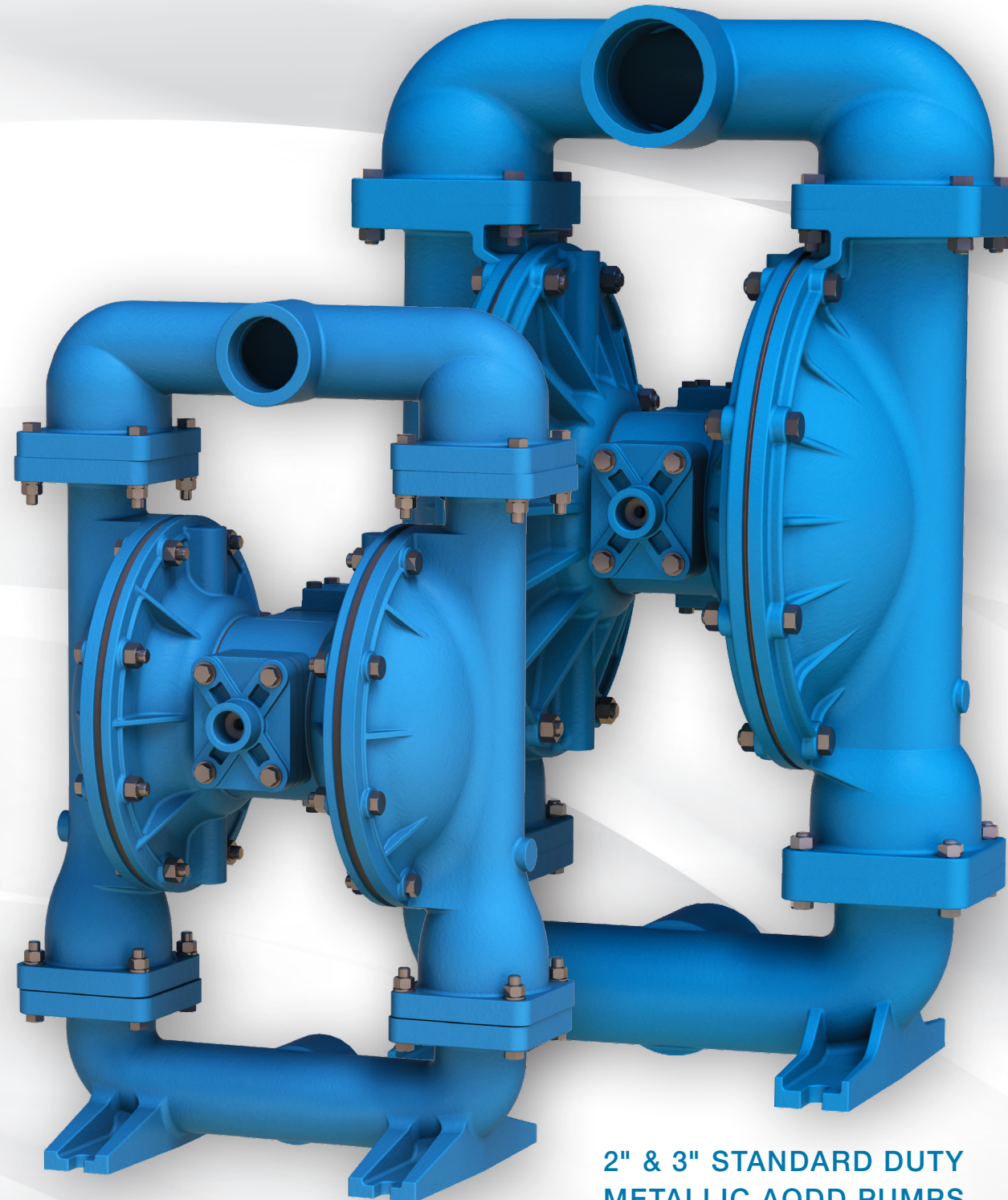


## Dynamic Manifold Connections

90° - 180° rotation options



## Certifications Available



2" & 3" STANDARD DUTY METALLIC AODD PUMPS

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

What is

**EVOLUTION**



OPTIMIZED PERFORMANCE |

**Optimized performance** without sacrificing **proven reliability**. These pumps have undergone an engineering **EVOLUTION**, leveraging trusted and proven product designs to **improve their performance** by application of advanced engineering methods. Unlike the competition, these pumps are **fully interchangeable** with prior models.

Check out the **S20 & S30 Metallic updates** on page 39. Watch for **more Engineering Evolutions** to come in the near future!



# STANDARD DUTY BALL VALVE PUMPS

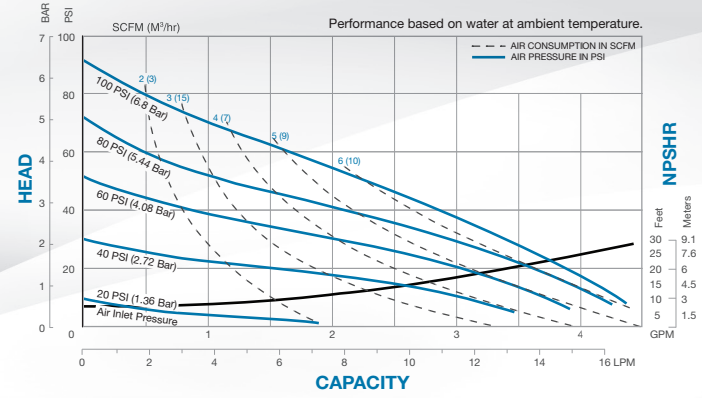
PERFORMANCE & SPECIFICATIONS

1/4"  
6mm

## X02 Metallic Performance



- MAX FLOW** • 4.75 GPM (18 LPM)  
**PORTING** • BSP Parallel  
**AIR END** • Stainless Steel  
**WET END** • Stainless Steel

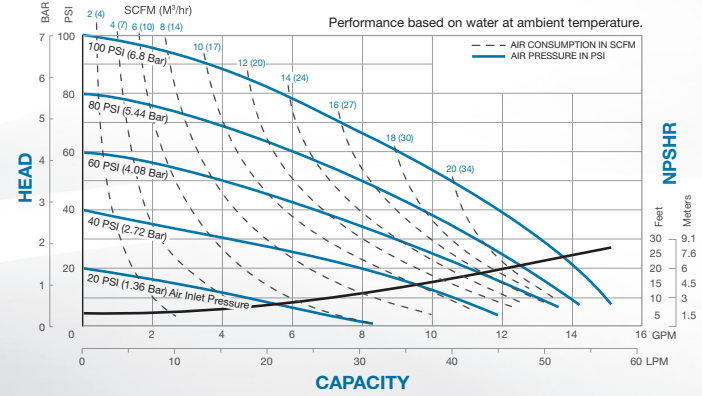


1/2"  
12mm

## S05 Metallic Performance



- MAX FLOW** • 15 GPM (57 LPM)  
**PORTING** • NPT / BSP  
 • ANSI Flange  
**AIR END** • Aluminum  
**WET END** • Aluminum  
 • Stainless Steel

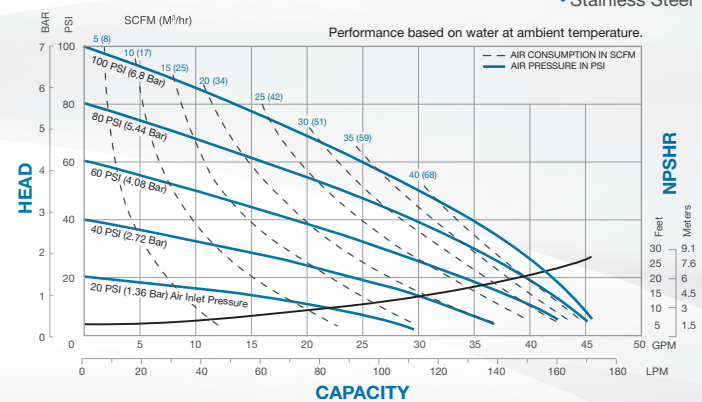


1"  
25mm

## S1F Metallic Performance



- MAX FLOW** • 45 GPM (170 LPM)  
**PORTING** • NPT / BSP  
 • ANSI Flange  
**AIR END** • Aluminum  
**WET END** • Cast Iron  
 • Aluminum  
 • Stainless Steel

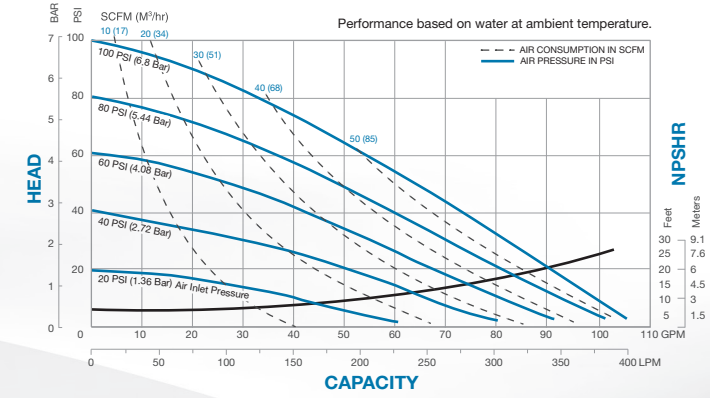


1 1/2"  
38mm

## S15 Metallic Performance



- MAX FLOW** • 106 GPM (401 LPM)  
**PORTING** • NPT / BSP  
 • ANSI Flange  
**AIR END** • Aluminum  
**WET END** • Cast Iron  
 • Aluminum  
 • Stainless Steel

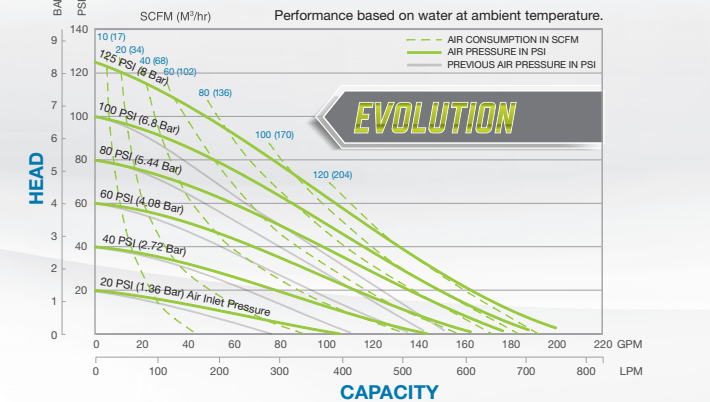


2"  
50mm

## S20 Metallic Performance



- MAX FLOW** • 200 GPM (758 LPM)  
**PORTING** • NPT / BSP  
 • ANSI / DIN Flange  
**AIR END** • Aluminum  
**WET END** • Aluminum  
 • Stainless Steel  
 • Cast Iron

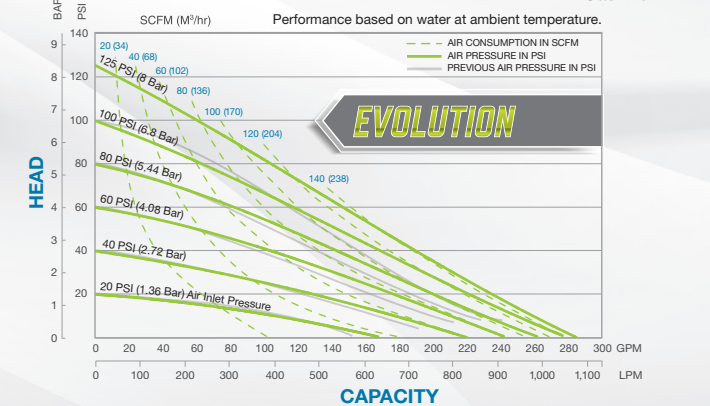


3"  
75mm

## S30 Metallic Performance

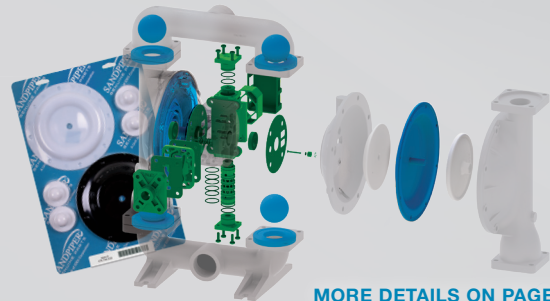


- MAX FLOW** • 285 GPM (1,078 LPM)  
**PORTING** • NPT / BSP  
 • ANSI / DIN Flange  
**AIR END** • Aluminum  
**WET END** • Aluminum  
 • Stainless Steel  
 • Cast Iron



### Genuine Parts Service Kits

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



MORE DETAILS ON PAGE 66