### PUMP SELECTION
OFFERING THE WIDEST RANGE OF PUMP CONFIGURATIONS

**WHAT IS SANDPIPER?**

- **Optimized performance without sacrificing proven reliability.** These pumps have leveraged an engineering evolution, leveraging trusted and proven product designs to improve their performance beyond the competition. Superior interchangeability with existing systems.

**WHEN TO USE SANDPIPER?**

- Suitable for a wide range of applications where performance in the most difficult conditions, operability, leak detection and implacable productivity and reduce failures are critical.

**VERSUS COMPETITORS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>SANDPIPER</th>
<th>COMPETITORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy Duty</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Standard Duty</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Reliability and Durability</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Containment Pumps</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Spill Containment</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Air Valve</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Air Valve Repair</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Porting Options</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

### PUMP TYPES

**SUCTION / DISCHARGE PORT SIZES**

- 1” through 3”

**Max Inlet / Discharge Heads**

- 289’ (88m) of Water
- 231’ (70m) of Water
- 200’ (61m) of Water

**Max Flow Rate**

- 300 GPM (1,136 LPM)
- 150 GPM (567 LPM)
- 100 GPM (378 LPM)
- 75 GPM (284 LPM)
- 50 GPM (189 LPM)

**Max Solids Handling**

- .87” (22mm)
- 3” (75mm)
- 1.8” (46mm)
- .25” (6.6mm)
- .75” (19mm)
- .38” (10mm)

**Maximum Displacement Per Stroke**

- 2.0 Gal. (7.6 L)
- 1.60 Gal. (6.06 L)
- .5 Gal. (1.9 L)
- .37 Gal. (1.55 L)
- 1.0 Gal. (3.78 L)

### PUMP MATERIAL

<table>
<thead>
<tr>
<th>PUMP MATERIAL</th>
<th>SANDPIPER</th>
<th>COMPETITORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neoprene</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Buna</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>E.P.D.M.</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Fluorocarbon</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>PTFE</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Santoprene</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Aluminum</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Cast Iron</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Stainless Steel</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Hastelloy</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Polypropylene</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>PVDF</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

### Attributes

- Optimized performance without sacrificing proven reliability.
- Suitable for a wide range of applications where performance in the most difficult conditions, operability, leak detection and implacable productivity and reduce failures are critical.
- Durable and reliable, with a focus on application-driven pumping solutions for the most difficult conditions.

### Durable + Reliable

- Application driven pumping solutions for the most difficult conditions.
- Durable and reliable solutions for a wide range of applications.

**Contact Your Local Distributor to Place Your Order:**
THE SANDPIPER ADVANTAGE
WITH OVER 50 YEARS OF AODD PUMPING EXPERTISE

For over 50 years, SANDPIPER, a Warren Rupp, Inc. brand, has been a leading global Air Operated Double Diaphragm (AODD) pump manufacturer. Featuring the latest in technologies and products to meet the needs of various petrochemical applications, SANDPIPER AODD pumps feature best in class flap and ball valves to pump in the toughest applications.

Features & Benefits of SANDPIPER AODD Pumps

- Excellent Solids Handling Capabilities: Handles up to pipe size solids in the flange line and pipe size solids in the air valve, allowing pump to operate in virtually any position.
- Superior Performance & Suction Lift: Highest flow capacity and maximum pressure with ability to pump solids over 20 feet.
- Guaranteed Reliability: EASADS Plus Air Valve guaranteed not to stall.
- Extended Wear Features: Wear pads reduce diaphragm stress extending service life.
- Visual Leak Detection: Mechanical and electrical leak detection options available.
- In-Line Serviceable Manifolds & Check Valves: In-line serviceable manifolds with check valves.
- Certifications & Compliance: ATEX, CE, ABS and NACE certifications.

SUMP, TRANSFER, PROCESS, WASTEWATER & FILTER PRESS APPLICATIONS

SUMP Applications: Moving viscous fluids from unwanted areas.
- FEATURES:
  - Self-training and dry-run capable
  - Flap valve pumps for transferring fluids containing up to line size solids
  - Ball valve pumps for transferring viscous fluids
  - Containment Duty Pumps for preventing spills
  - Lightweight and portable with durability to withstand continuous use

RECOMMENDED SANDPIPER PUMPS:
- S20 / S30: 2” and 3” Non-Metallic Ball Valve Pumps
- 1” to 3” Heavy Duty Metallic Ball Valve and Flap Valve Pumps

TRANSFER Applications: Change for bulk transfer
- FEATURES:
  - More viscous materials without the need to adjust or modify the pump
  - 2” and 3” pumps for bulk transfer inside or outside of facility (rail cars or trucks)
  - 1-1/2” to 2” pumps for day tanks and a variety of other low volume applications

RECOMMENDED SANDPIPER PUMPS:
- HD20F: 2” Non-Metallic Flap Valve Pump

PROCESS Applications: Moving process critical fluids and hazardous materials.
- FEATURES:
  - Various wetted material and elastomer options available on many models
  - Lightweight and portable with durability to withstand continuous use

RECOMMENDED SANDPIPER PUMPS:
- Plastic, Stainless Steel, Hastelloy pumps

Wastewater & Filter Press Applications:
- High volume filling with high pressure feed.
- Self-priming and dry-run capable.
- Lightweight and portable with durability to withstand continuous use.
- Containment Duty Pumps control and contain leakage, have visual or electronic leak detection and ability to complete processes before required maintenance.
- Lightweight and portable with durability to withstand continuous use.

RECOMMENDED SANDPIPER PUMPS:
- Plastic, Stainless Steel, Hastelloy pumps
- Containment Duty Pumps.

PROCESS APPLICATIONS

MEETING NEEDS OF PETROCHEMICAL APPLICATIONS WITH MORE WAYS THAN ONE

- Superb Performance & Suction Lift
- Guaranteed Reliability
- Extended Wear Features
- Visual Leak Detection
- In-Line Serviceable Manifolds & Check Valves
- Certifications & Compliance

Download discharge port options include:
- eliminates damage from settling solids in pump chamber, extending service life.
-清净 chamber and manifold walls typically thicker than industry norms.
- Wear pads reduce diaphragm stress extending service life.
- Cams and manifold walls typically slimmer than industry norms.
- In-line serviceable manifolds with check valves.
- Various wetted material and elastomer options available on many models.
- Lightweight and portable with durability to withstand continuous use.

SANDPIPERPUMP.COM/SANDPIPERPUMP.COM

SIMPLIFY YOUR PUMP CHOICE BY USING SANDPIPER FOR ALL OF YOUR SUMP, TRANSFER, PROCESS, WASTEWATER & FILTER PRESS APPLICATIONS.