WHY KORAX AODD PUMPS?

1. KORAX AODD PUMP BRIEF

KORAX air operated double diaphragm pumps are excellent pumps for all kinds of liquids. Paste-like, thick and thin fluidizing or solids containing. The air valve design guarantees non-stalling operation. The KORAX air operated double diaphragm pumps don't need air lubrication and have an anti-icing design. Even in moist air conditions the air motor is designed for long life.

A KORAX air operated double diaphragm pump has excellent corrosion resistance. KORAX AODD pumps offer a wide range of wetted materials, metallic and non-metallic. The range for wetted parts runs from non-metallic air operated double diaphragm pumps models (Polypropylene, Kynar/PVDF,) to metallic air operated double diaphragm pumps models (Aluminum, Cast Iron and Stainless Steel).

KORAX air operated double diaphragm pumps are designed to be easy to install and maintain. KORAX air operated double diaphragm pumps are excellent calamity and emergency pumps

In addition to the fluid handling properties an AODD pump can be approved by CE & ATEX

2. KORAX AODD PUMP ADVANTAGES

- High fluid delivery rates at low fluid application pressure; less than 120 psi (0.84 MPa, 8.4 bar). This large fluid delivery capability makes double diaphragm pumps ideal for transfer applications.
- Easy to install on a cover, pail, wall, or submerged
- Many diaphragm options for fluid versatility with extended pump life
- Air power offers convenience for many installations, no electrical hazard, an stall against pressure efficiency
- Handles a wide variety of fluid viscosities, abrasive, and corrosive qualities
- Seal-less, leak-proof design prevents fluid waste, mess, and hazard
- Can run dry without damage

3. EXCELLENT AIR VALVE DESIGN OF KORAX

The KORAX air operated diaphragm pump is provided with the simple and highly reliable air reversing valve that makes the full series diaphragm pumps realize the maximum reliability under various working conditions

The reversing valve is the three-way pilot that can ensure no sticky in a real sense. All parts can be replaced without the need of opening the liquid cavity. The aluminum parts have been subjected to anodic oxidation treatment and coated with epoxy coating to resist corrosion cause by dirty air.

- It can be used in case of bad air supply. The slide made of derlin in the reversing valve is solid and durable, and not easy to be damaged.
- Smooth air channel. The air channels of pump from 1/2" to 3" have no obstruction and it is ensured that the reversing is flexible.
- It is the reversing valve that can be totally subjected to external maintenance.
- Compared with other brand diaphragm pumps, the moving parts are very few
- The reversing valve does not need lubrication
- The polit reversing valve has very high mechanical life, the day-by day operation can be ensure
- One kind of revising valve can be suitable for pumps of various specifications, allows for easy on line maintenance of the pump; decreased repair time and cost



DIAPHRAGM PUI **APPLICATIONS**



Wetted Section: Plastic, Metal

PTFE Santoprene Diaphragms: Ball Checks: PTFE and Santoprene

Polypropylene, Santoprene, PVDF, SUS Seats:

Sanitary CIP

Circuit Board Etching

Windshield Wash Mix & Transfer



Wastewater Treatment

Sump Pumps Shipyards

Water Treatment Facilities

Wetted Section: Plastic, Metal

PTFE and Santoprene Diaphragms: PTFE and Santoprene Ball Checks: Santoprene, PVDF, SST Seats:

Power Plants

Parts Washing (Automotive & General Industry)

Car & Truck Wash



Plating & Finishing

General Chemical Transfer

Water Treatment Facilities

Filter Presses

Filter Presses Precious Metal Processing Wetted Section: Metal, Plastic

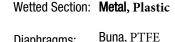
Diaphragms: PTFE, Santoprene Ball Checks: PTFE and Santoprene Seats: Santoprene, PVDF, SUS

> Foundries Plating



Oils, Lubricants & Fuels

Oil and Grease Transfer Maintenance Facilities Oil Mix and Batching



Diaphragms: Ball Checks: Buna, PTFE Seats: Buna, PTFE

Anti-Freeze Mix & Transfer

Machine Tool Coolant and Evacuation



Ceramic Slip & Glaze

Ceramic Slurry Drywall Manufacturing Well Casting Grout Supply (Concrete) Wetted Section: Metal, Plastic

Buna, PTFE Diaphragms: Buna, PTFE Ball Checks: Seats:

SUS



Paint, Ink & Coatings

Paint Manufacturing Paint & Solvent Transfer Ink Transfer

Wetted Section: Metal, Plastic

Diaphragms: PTFE and Santoprene Ball Checks: PTFE and Santoprene Santoprene, PVDF, SUS Seats:

Pipe Coating

Adhesive Supply and Transfer

Supply and Transfer of Wood Preservatives



Paper

Dewatering

Wetted Section: Plastic, Metal

Diaphragms: Buna, PTFE Ball Checks: Buna, PTFE Seats: Buna, PTFE



Oil & Gas

Oil and Gas Drilling Drilling Mud **Drilling Lubricants**

Wetted Section: Plastic, Metal

PTFE, Buna Diaphragms: Ball Checks: PTFE,Buna PTFE, Buna Seats:

Oil Platforms

Ethylene Glycol Transfer and Circulation