

Air Operated Double Diaphragm Pump

The Air Operated Double Diaphragm (AODD) pump is a versatile positive displacement pump used for transferring a wide variety of fluids, including abrasive, corrosive, and viscous materials. This self-priming pump utilizes compressed air to drive two diaphragms, creating alternating suction and discharge strokes.



Product Overview

Air Operated Double Diaphragm Performance

The Air Operated Double Diaphragm (AODD) pump is a highly versatile positive displacement solution designed for the transfer of challenging fluids, including abrasive, corrosive, and viscous materials. Utilizing compressed air to drive dual diaphragms, this self-priming system offers reliable, sealless operation that significantly reduces maintenance and leakage risks. Its adjustable flow rate and solid-handling capabilities make it an essential asset for demanding industrial environments such as chemical processing and wastewater treatment.

Technical Specifications

Key Features

- Sealless design for leak prevention
- Handles solid particles
- Adjustable flow rate and pressure
- Pneumatic drive system

Pump Mechanism	Air Operated Double Diaphragm (AODD)
Operation Mode	Positive displacement, self-priming
Suitable Fluids	Abrasive, Corrosive, Viscous

Application Fields

Common Industrial Applications

Chemical Processing • Wastewater Treatment • General Fluid Transfer