

# Positive Displacement Vane Pump

This positive displacement pump is designed for handling various fluids. It features flanged connections for easy integration into piping systems and is suitable for applications requiring precise flow control.



## Product Overview

### High-Efficiency Inner Vane Pump

This positive displacement vane pump is engineered for reliability and efficiency in harsh industrial conditions. Utilizing a unique plate-vane design, it ensures soft, impact-free transport of sensitive media, making it ideal for high-viscosity fluids and delicate materials. The pump operates without radial load or friction, significantly reducing maintenance needs and preventing common issues like cavitation or media destruction.

## Performance Capabilities

Solid Particle Handling	75 %
Gas/Air Content Capacity	68 %
Particle Size Capability	30-80 mm

## Key Features

Operational Advantages	No impact, No pulse, No radial load, Non-clogging, Low maintenance, Laminar flow
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## Applications

### Suitable Media Types

- High viscosity media
- Fragile biological cells
- Cotton pulp
- Wood pulp
- Sewage waste
- Media containing fibers

## Technical Specifications

Working Principle	Physical viscous driven laminar flow via special plate vanes
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