

# Positive Displacement Screw Pump

This screw pump is a type of positive displacement rotary pump. It is characterized by its high flow rate, high pressure output, minimal pulsation, and quiet operation, ensuring reliability and longevity.



## Product Overview

### Positive Displacement Twin Screw Pump

This industrial-grade twin screw pump is designed for high-performance fluid handling, featuring high pressure and significant flow rates with minimal pulsation. Built in accordance with API 676 standards, it provides reliable operation for both lubricating and non-lubricating media. Its robust construction is engineered to manage viscous liquids and gases across a wide temperature range, ensuring long service life and efficiency in demanding environments.

## Technical Specifications

### Operating Performance

**2000 m3/h**

Max Flow Rate

**22 MPa**

Max Pressure

**300 °C**

Max Temperature

Applicable Medium Viscosity

100000 mm2/s

## Standards & Compliance

Certifications

API 676

## Operational Characteristics

### Suitable Media

- Lubricating liquids
- Non-lubricating liquids
- High viscosity liquids
- Low viscosity liquids
- Gases
- Medium with granules

### Operational Benefits

No Pulsation • Low Vibration • Low Noise • Long Service Life