

Single Screw Slurry Pump

This pump transfers various fluids with high viscosity. It is a positive displacement pump featuring a helical rotor within a stator, creating progressing cavities.



ADDITIONAL IMAGES



Product Overview

Single Screw Slurry Pump

This single-screw pump is a high-performance transfer solution designed for efficiency and reliability. Utilizing a rotor and stator mechanism, it creates a sealed cavity system that ensures continuous, uniform liquid discharge with stable pressure. Constructed with high-grade stainless acid-proof steel and non-toxic rubber, this pump is ideal for handling complex media in industrial environments.

Technical Specifications

Maximum Operating Temperature	100 °C
Maximum Fluid Viscosity	10000 Pa.S
Shaft Material	2Cr13
Construction Materials	Stainless acid-proof steel, Nontoxic rubber

Operational Features

Key Advantages

- Simple structure
- Safe and reliable operation
- Easy maintenance
- Continuous and uniform discharge
- Stable pressure

Industry Applications

Food Industry • Metallurgy • Construction • Pharmacy • Chemical Industry

Suitable Media

- Corrosive media
- Foodstuff slurry
- Solutions
- Suspensions containing solid grains
- Rubber blocks