

SiC Ceramic Centrifugal Pump for Zero Liquid Discharge

This SiC ceramic centrifugal pump is engineered for zero liquid discharge applications. It is suitable for handling corrosive and abrasive fluids.



ADDITIONAL IMAGES



Product Overview

High-Performance SiC Ceramic Centrifugal Pump

The CKT series centrifugal pump is engineered specifically for Zero Liquid Discharge (ZLD) processes and demanding industrial environments. Utilizing advanced silicon carbide (SiC) ceramic components, this pump offers exceptional hardness, wear resistance, and corrosion resistance. It is designed to handle challenging fluids, including coal slurry, effluent, and silica sand mixtures, while ensuring high efficiency and low maintenance costs.

Key Features

Design Highlights

- Back pull-out structure for easy maintenance
- Oil lubricated double row cone roller bearings
- Direct drive configuration
- Integrated mechanical sealing for reliability

Material Advantages

High Hardness, Wear Resistant, Corrosion Resistant, High Temperature Resistant, Metal-Free Wetted Areas

Applications

Suitable Applications

Zero Liquid Discharge (ZLD) • Chemical Industry • Coal Slurry Transfer • Abrasive Fluid Handling