

Vertical Submersible Slurry Pump, 40PV-GSPR, 1500mm

This vertical slurry pump is submerged in a sump during operation. It is designed to deliver highly abrasive, large particles and high-density slurries.



ADDITIONAL IMAGES



Overview

Vertical Submersible Slurry Pump

This vertical slurry pump is engineered for the efficient transport of abrasive, corrosive, and dense slurries with large particle sizes. Designed for reliability in harsh industrial environments, it features a semi-open impeller and a robust vertical structure that minimizes footprint. It is an essential solution for applications in mining, metallurgy, coal processing, and power generation where high-concentration slurry handling is required.

Performance Metrics

Key Performance Metrics

828 m³/h
Max Capacity

37 m
Max Head

185 kw
Max Power

Technical Specifications

Technical Details

Parameter	Specification
Outlet Diameter	40-200 mm
Speed Range	400-2200 r/min
Drive Type	Belt or coupling
Seal Type	Soft packing or mechanical
Impeller Type	Semi-open

Industry Applications

Mining, Coal Industry, Power Station, Metallurgy, Building Materials, Environmental Protection

Maintenance & Reliability

Maintenance and Reliability

The pump features a compact construction designed for a long service life when correctly installed. Common operational considerations include ensuring proper bearing lubrication, monitoring shaft alignment, and maintaining clear sealing water to prevent excessive leakage from the stuffing box. Regular inspection of the impeller and drive belt tension is recommended to maintain optimal performance.

Key Features

- Abrasion resistant construction
- No-clogging design
- Variable speed operation capability
- Wear-resistant impeller materials
- Adjustable drive configurations