

Vertical Spindle Sump Slurry Pump

This vertical slurry pump is submerged in a sump for operation. It is engineered to deliver abrasive, large particle, and high-density slurries without the need for shaft seals or sealing water.



ADDITIONAL IMAGES



Product Overview

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This vertical centrifugal slurry pump is designed for immersion directly into the liquid, featuring a vertically downward inlet and an upward outlet. Engineered for durability, it operates without the need for shaft seals or seal water, making it highly effective even in conditions of insufficient suction. Constructed with wear-resistant materials, it is specifically built to handle abrasive, coarse particles, and high-concentration slurries in demanding industrial environments.

Technical Specifications

Discharge Diameter	40 to 150 mm (2" to 6")
Max Flow Rate	450 m ³ /h
Max Total Head	36 m
Transmission Types	Belt Drive (BD), Direct Drive (DC)
Rotation Direction	Counterclockwise (viewed from suction port)

Applications

Suitable Industries

- Metallurgy
- Mining
- Coal Processing
- Electric Power
- Building Materials
- Environmental Protection

Performance Data

Model Performance Specifications

Model	Max Power (kW)	Max Efficiency (%)	Impeller Dia (mm)
40PV-GSP	15	40	188
65QV-GSP	30	50	280
100RV-GSP	75	56	370
150SV-GSP	110	52	450
200SV-GSP	110	64	520
250TV-GSP	200	60	575
300TV-GSP	200	50	610