

Particular & Technical Specifications
300 HP Electric GIW Low-Head Slurry Pump Station with
300HP WEG Free-Standing Variable Frequency Drive (VFD)
Preliminary Specifications

General

Overall Slurry Pump Length 9'-1"
Overall Slurry Pump Width 10'-1"

Prime Mover

Prime Mover: 480 VAC AC TEFC Electric Motor
Prime Mover Rating: 300 HP

Slurry Pump

The slurry pump is designed for mining applications. The slurry pump has an 24" suction diameter and an 22" discharge diameter. The impeller diameter is 42.6" and supplied with three (3) vanes.

Slurry Pump Speed Reduction

The slurry pump is belt-driven and a belt guard is provided.

Service Water

The slurry pump requires service water supplied by an outside source.

Electrical System

This unit is supplied with a WEG Free-Standing Variable Frequency Drive (VFD), model EDP11S370GN3R01000, with:

- 460 VAC - 370 Amps and NEMA 3R Enclosure
- Built-in soft PLC with PID Loop Speed Control
- Speed Potentiometer & Customer Connection Block