

Double Casing High Pressure Slurry Pump , End Suction Mud Pump Centrifugal Sludge Pump

Our Product Introduction

Basic Information

- Place of Origin: Sichuan, China
- Brand Name: horizontal-slurrypump.com
- Certification: ISO9001
- Model Number: OEM
- Minimum Order Quantity: 1 set
- Price: USD500-5000/set
- Packaging Details: free fumigation export wooden box packaging
- Delivery Time: 25 working days after receiveing advance payment
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram, Paypal
- Supply Ability: 300 sets per month



Product Specification

- Theory: Centrifugal Pump
- Capacity: Up To 1000 UKGPM
- Head: Up To 130m
- Standard Or Nonstandard: Standard
- Warranty: One Year
- Power Source: Electric
- Highlight: **horizontal centrifugal slurry pump**

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Product Description

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Slurry Pump Components Description

Impeller

The impeller, either elastomer, is the main rotating component which normally has vanes to impart the centrifugal force to the liquid, usually made of high chrome material. Cast-in impeller threads are better suited for slurries.

Casing

the structure is volute type split outer casing, contain the wear liners and provide high operation pressure capabilities, which efficiency is much higher than semi-volute or concentric structure.

Shaft and Bearing Assembly

A large diameter shaft with a short overhang minimizes deflection and vibration. Heavy-duty roller bearing are housed in a removable bearing cartridge.

Drive Type

This series pumps are always driven by electric motor. 220V/380V/440V etc are all available. Normal motor, high efficiency motor and explosion-proof motor all can be chosen.

Items	Factory std	Optional configurations
	Reputed China brands	ABB,Siemens,Nanyany, Jiamusi or designated brands
	Reputed China brands	SKF , NSK , FAG or designated brands
	Reputed China brands	SEW,Shandong Chenghua, Zhengzhou machinery institute,siemens,Flender
	Pin type	Flexible diaphragm coupling

Main Features

- 1) Good passing ability:gravel pump max passing particles size is 380mm;
- 2) Widely application: all slurry, mud and bad corrosive medium can be transported, widely used in industry of mining, electrical power, metallurgy,coal, construction etc.
- 3) High concentration, volume concentration reach to 60%, weight concentration reach to 70%;
- 4) Comprehensive performance is good, high head: long distance and high head transportation, single set head can reach to max 520m, and can be used in series to satisfy much higher head requirements;
- 6) High flow rate capacity: can be reached 3400m³/h;
- 7) Diameter size:outlet size from 1" to 22"

Application

- Chemical Process
- Heavy Minerals
- Paper and Pulp
- Mill Discharge
- Sugar Beet
- Slag Granulation
- Bottom Boiler and Fly Ash
- Cyclone Feed
- Power Plants
- Other industry



Specification Data

Discharge Size:20mm~350mm	NPSH:0m~3m
Inlet Size:32mm~400mm	Allowed Max Particle Size:20 mm
Capacity:4 ~ 3000 m³/h	Seal Type:step-down dynamic seal
Head:10 ~ 130 m	Pump Weight:up to 3000kg
Maximal Efficiency:70%	RPM:1450 r/min

Parameter

Model	Clear Water Performance				
	Flow Q	Head	Rotating speed n	Shaft power (Pa)	Effectiveness η
	(m³/h)	m	r/min	kw	%
300ZJ(G)-I-A	704-2333	30.6-80	490-980	135-505	66-81
250ZJ(G)-I-A	405-1480	29.1-128.7	730-980	58.3-652	54-76.9
200ZJ(G)-I-A	256-976	28-133.7	730-980	60.3-448.1	50-79.6
150ZJ(G)-I-A	164-600	19.4-91.2	730-980	15.8-161.5	46.1-74.6
100ZJ(G)-I-A	86-360	16-100.2	980-1480	6.7-105.5	58.7-70.4
80ZJ(G)-I-A	60-242	15.7-109.8	980-1480	5.5-115.9	38.8-66.7
65ZJ(G)-I-A	28-69	11.2-34.8	960-1460	1.7-10.8	54.2-63.5
50ZJ(G)-I-A	31-111	34.3-110.7	970-1480	9.7-66.9	12.2-45.1
40ZJ(G)-I-A	9-23	9.1-44.6	1400-2900	0.3-4.7	33.2-52.4

Production Process

Our Service

Before-sale service

Product introduction, technical exchange, non-standard product design, problem explanation.


In-sale service


1. Honoring contracts, ensuring on-time delivery, keeping contact with users at any time.
2. For special or complicated [products, arrange persons to provide the users with training and guidance at the product use, troubleshoot, adjustment and repair.

After-sale service

1. Offer a warranty for 12 months from the date of ex-works, with return, replacement and repair available.
2. During the use of products, carry out a periodic organization of the personnel in charge of the technique, quality inspection and service to contact the users to get the feedback on the quality, conditions of use, comments on improvement etc. so as to further enhance the quality.

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