



High Head Centrifugal Process Pumps For Transport Low Abrasive Slurry

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: horizontal-slurypump.com
- Certification: ISO
- Model Number: OEM
- Minimum Order Quantity: 1 set
- Price: based on quantity
- Packaging Details: wooden case
- Delivery Time: 15days
- Supply Ability: 200sets monthly



Product Specification

- Transmission: ZVz/CRz/CV/DC
- Feature: Corrosion Resistant
- Wet Parts: High Chrome Alloy
- Application: Mining, Water
- Structure: Single-stage
- Bearing Assembly: Cylindrical Structure
- Highlight: **diesel engine driven centrifugal pump**

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Product Description

High Head Heavy Duty Slurry Pump For Transport High Density Low Abrasive Slurry

Product overview

3 / 2 D - HH slurry pumps are cantilevered, horizontal, centrifugal dredge slurry pumps. They are designed for handling abrasive, high density slurry in the metallurgical, mining, coal, power, building material and other industrial departments etc. The wet parts for slurry pump are made of wear-resistant chromium alloy. According to the different working conditions, the wearing parts for type HS slurry pumps are interchangeable, hard metal or pressure molded elastomeric liners.

Its key parts are made of anti-wear and anti-corrosive materials. It has many advantages, such as, long service life, smooth running, leakage-free and easy maintenance.

3 / 2 D - HH slurry pump's bearing assembly use cylindrical structure, adjusting the space between impeller and front liner easily, they can be removed completely when being repaired. Bearing assembly use grease lubrication.

Advantages

1. Impellers: Standard horizontal slurry pump impellers are designed to produce an optimum balance between wear life and lifetime efficiency. Correct design ensures maximum wear life with a minimum total energy cost over the full service life of the pump. The pump-out vanes and concave impeller vane of a slurry pump forces the slurry to form a double inward spiral. This results in uniform wear, a greater utilization of wearing parts, an increased shaft seal life and sustained high efficiency through the life of the components.
2. casing and spare parts are all made of high chrome, anti-wear, anti-abrasive material slurry pump
3. high efficiency, low noise and longer life. reasonable price, reliable and simple structure, short delivery time.
4. this kind of slurry pump is suitable in the dredge, picks the granulated substance, scours.

Type meaning

Type meaning for mineral centrifugal slurry pump	
3 / 2 D-HH slurry pump	
3	Pump inlet size (inch)
2	Pump outlet size (inch)
D	Bracket type
HH	HH slurry pump

Specifications

Allowable Max. Power: 60 kw

Capacity: 68.4 - 136.8 m³/h

Head: 25 - 87m

Speed: 850 - 1400 r/min

Max. Efficiency: 47%

NPSH: 3 - 7.5 m

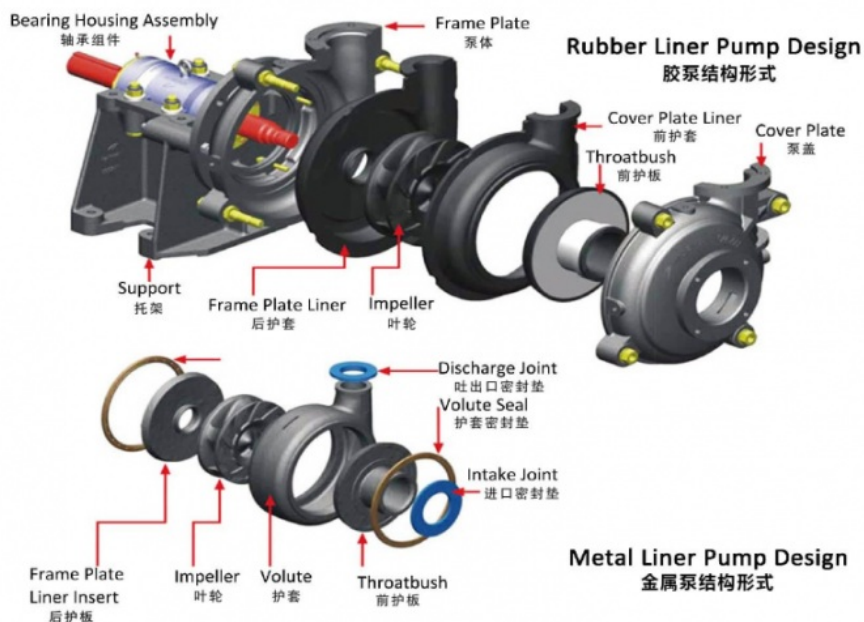
Impeller Diameter: 457 mm

Performance table of mining centrifugal slurry pump

MODEL	ALLOWABLE MATING MAX. POWER (KW)	MATERIAL		CLEAN WATER PERFORMANCE						IMPELLER	
		LINE R	IMPELLER	Q Capacity		H Head (m)	Speed n(r/min)	Max. Eff. (%)	NPSH (m)	VANES NO.	IMPELLER DIA (mm)
				m ³ /h	L/s						
1.5/B-AH	15	M	M	12.6-28.8	3.5-8	6-68	1200-3800	40	2-4	5	152
		RU	RU	10.8-25.2	3-7	7-52	1400-3400	30		3	
1/1.5B-AH	15	M	M	16.2-34.2	4.5-9.5	25-92	1400-2200	20	2.5-5.5	5	330
2/1.5B-AH	15	M	M	32.4-72	9-20	6-58	1200-3200	45	3.5-8	5	184
		RU	RU	25.2-54	7-15	5.5-41	1000-2600	50	2.5-5	5	178
3/2C-AH	30	M	M	39.6-86.4	11-24	12-64	1300-2700	55	4-6	5	214
		RU	RU	36-75.6	10-21	13-46	1300-2300	60	2-4	5	213
3/2D-HH	60	M	M	68.4-136.8	19-38	25-87	850-1400	47	3-7.5	5	457
4/3C-AH	30	M	M	86.4-198	24-55	9-52	1000-2200	71	4-6	5	245
		RU	RU	79.2-180	22-50	5-34.5	800-1800	59	3-5		
4/3E-HH	120	M	M	126-252	35-70	12-97	600-1400	50	2-5	5	508
6/D-AH	60	M	M	162-360	40-100	12-56	800-1550	65	5-8	5	365
		RU	RU	144-324	40-90	12-45	800-1350	65	3-5	5	365

6/4S-HH	560	M	M	324-720	90-200	30-118	600-1000	64	3-8	5	711
6S-HH	560	M	M	468-1008	130-280	20-94	500-1000	65	4-12	5	711
8/6E-AH	300	M	M	360-828	100-230	10-61	500-1140	72	2-9	5	510
		RU	RU	324-720	90-200	7-49	400-1000	65	5-10	5	510
10/8E-M	120	M	M	666-1440	185-400	14-60	600-1100	73	4-10	5	549
10/8ST-AH	560	M	M	612-1368	170-380	11-61	400-850	71	4-10	5	686
		RU	RU	540-1118	150-330	12-50	400-750	75	4-12		
12/10ST-AH	560	M	M	936-1980	260-550	7-68	300-800	82	6	5	762
		RU	RU	720-1620	200-450	7-45	300-650	80	2.5-7.5		
14/12ST-AH	560	M	M	1260-2772	350-770	13-63	300-600	77	3-8	5	965
		RU	RU	1152-2520	320-700	13-44	300-500	79	3-10		
16/14TU-AH	1200	M	M	1368-3060	380-850	11-63	250-550	79	4-10	5	1067
20/18TU-AH	1200	M	M	2520-5400	700-1500	13-57	200-400	85	5-10	5	1370

Construction Design



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