



## Heavy Duty Centrifugal Slurry Pump For Metallurgical Mining 6 / 4 D - AH

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: horizontal-slurrypump.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

- Material: 26% -27% Chrome Alloy A05
- Original: China
- Pump Model: 6 / 4 D - AH Heavy Duty Centrifugal Slurry Pump
- Bracket Type: D Bracket
- Feature: Heavy Duty
- Shaft Seal: Mechanical Seal
- Application: Metallurgical, Mining, Coal, Power
- Pressure: High Pressure
- Fuel: Diesel Or Electric
- Highlight: **diesel engine driven centrifugal pump**

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## Product Description

### 6 / 4 D - AH Heavy Duty Centrifugal Slurry Pump For Metallurgical, Mining, Coal, Power

#### Product overview

The 6 / 4 D - AH Heavy Duty Centrifugal Slurry Pump is a single-stage single-suction, cantilever, horizontal centrifugal slurry pump. This type of pump has a thick bearing and is equipped with a heavy-duty bracket, so it is suitable for conveying strong abrasion, high concentration slurry or low concentration high lift slurry. It can be used in multiple stages in series within the maximum allowable operating pressure range of the pump. The pump can also be used to transport a corrosive slurry.

The 6 / 4 D - AH Heavy Duty Centrifugal Slurry Pump has a replaceable wear-resistant metal lining or rubber lining. The impeller is made of wear-resistant metal or rubber. The shaft seal can be a packing seal or a centrifugal seal. The pump's discharge port can be installed at a different angle from 45°C and rotated at eight different angles.

This series of Heavy Duty Centrifugal Slurry Pump is a cantilever centrifugal slurry pump, suitable for conveying abrasive or corrosive slurry. It is widely used in metallurgy, mining, petroleum, chemical, coal, electric power, transportation, river dredging, building materials and municipal engineering. department.

#### Type meaning

Type meaning for mineral centrifugal slurry pump	
6 / 4 D - AH	
6	Pump inlet size (inch )
4	Pump outlet size (inch)
D	Bracket type
AH	AH slurry pump
R	R-Rubber liner pump

#### Specification

Pump Model	6 / 4 D - AH
Allowable Max.Power	60 kw
Capacity	162 - 360 m <sup>3</sup> /h
Head	12 - 56 m
Speed	800 - 1550 r/ min
Max.Eff.	65 %
NPSH	5 - 8 m
Impeller Dia.	365 mm

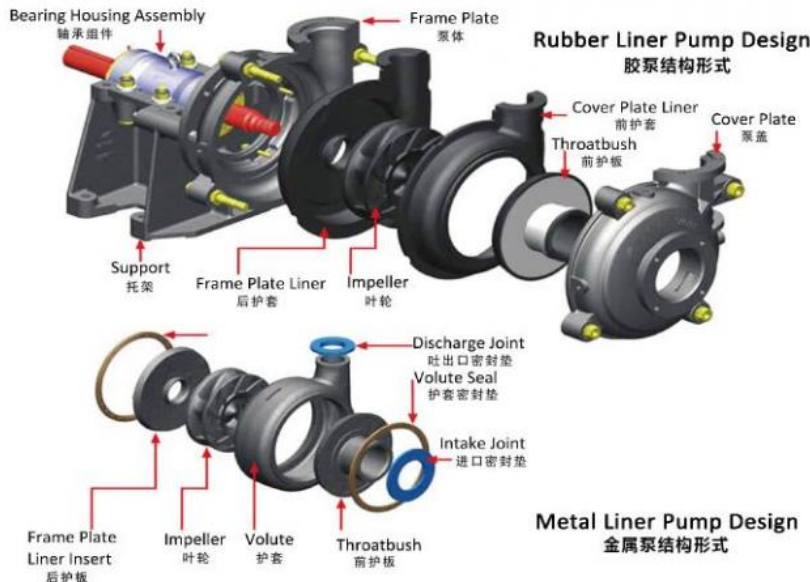
#### Performance table of AH mining centrifugal slurry pump

MODEL	ALLOWABLE MATIN G MAX.P OWER (KW)	MATERIAL		CLEAN WATER PERFORANCE						IMPELLER	
		LINER	IMPELL ER	Q Capacity		H Head (m)	Speed n(r/min)	Max. Eff. (%)	NPSH (m)	VANES NO.	IMPELLER DIA (mm)
				m <sup>3</sup> /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	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			
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

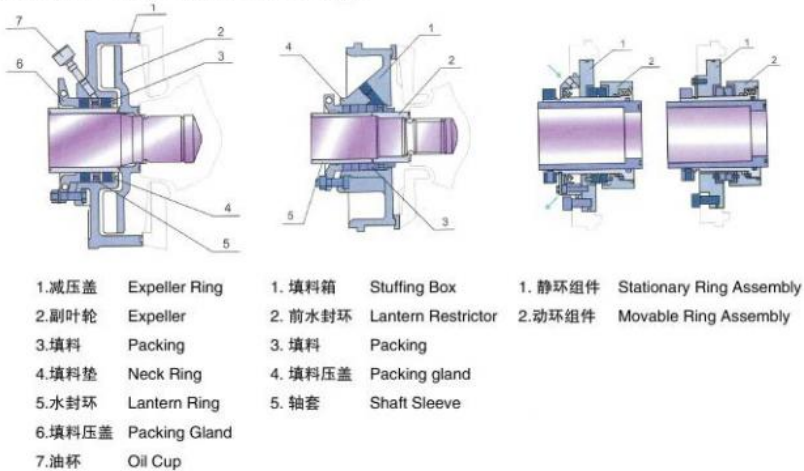
6S-HH	560	M	M	468-1008	130-280	20-94	500-1000	65	4-12	5	711
8/6E-AH	300	M	M	360-828	100-230	10-61	500-1140	72	2-9	5	510
		RU	RU	324-720	90-200	7-49	400-1000	65	5-10	5	510
10/8E-M	120	M	M	666-1440	185-400	14-60	600-1100	73	4-10	5	549
10/8S T-AH	560	M	M	612-1368	170-380	11-61	400-850	71	4-10	5	686
		RU	RU	540-1118	150-330	12-50	400-750	75	4-12	5	
12/10S T-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	5	
14/12S T-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	5	
16/14T U-AH	1200	M	M	1368-3060	380-850	11-63	250-550	79	4-10	5	1067
20/18T U-AH	1200	M	M	2520-5400	700-1500	13-57	200-400	85	5-10	5	1370

### Construction


#### 结构设计 Construction Design



#### 轴封模块设计 Shaft Seal Module Design



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