



High Chrome Alloy Centrifugal Sludge Pump / Wear Resistance Heavy Duty Slurry Pump

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: 7 Working days
- Supply Ability: 200sets monthly



Product Specification

- Material: A05/A49
- Inlet: 4inch
- Outlet: 3inch
- Wear Parts: Interchangeable
- Impeller: Closed Impeller
- Support Type: C
- Application: Sewage,Power Plant,mining
- Pressure: High Pressure,standard
- Fuel: Electric,Diesel
- Product Name: Centrifugal Slurry Pump
- Highlight: **abrasive slurry pump**

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Product Description

4 / 3 C - AH High Chrome Alloy Wear-resistant Heavy Duty Centrifugal Slurry Pump

Overview

4 / 3 C - AH High Chrome Alloy Wear-resistant Heavy Duty Centrifugal Slurry Pump is a cantilever, horizontal centrifugal slurry pump. It is suitable for conveying strong abrasion and high concentration slurry in metallurgy, mining, coal, electric power, building materials and other industrial sectors.

AH High Chrome Alloy Wear-resistant Heavy Duty Centrifugal Slurry Pump can also be called a heavy duty slurry pump. Because the pump has a thick bearing and heavy-duty bracket, it is suitable for conveying strong abrasion, high concentration slurry or low concentration high lift slurry. It can be connected in multiple stages within the maximum allowable working pressure range of the pump. use.

4 / 3 C - AH Specifications

Allowable Max.Power	30 kw
Capacity	86.4 - 198 m³/h
Head	9 - 52 m
Speed	1000 - 2200 r/min
Max.Efficiency	71%
NPSH	4 - 6 m
Impeller Diameter	245 mm

Typical Applications:

- Ash Handling
- Cyclone Feeds
- Pulp and Paper
- Abrasive Slurries
- Coal Preparation
- Mineral Processing
- Aggregate Processing

Feature

1. The frame plates for AH slurry pump have replaceable wear-resistant metal liners or rubber liners.
2. The impellers are made of wear-resistant metal or rubber. The frame plate liner and impeller for AH slurry pump are adoptable of hard metal only.
3. Bearing assembly use cylindrical structure, adjusting the space between impeller and front liner easily, being removed completely when being repaired. Bearing assembly use grease lubrication.
4. The shaft seal could use the packing seal, expeller seal and mechanical seal.
5. The discharge branch can be positioned at intervals of 45 degrees by request and oriented to any eight positions to suit installations and applications

Type meaning

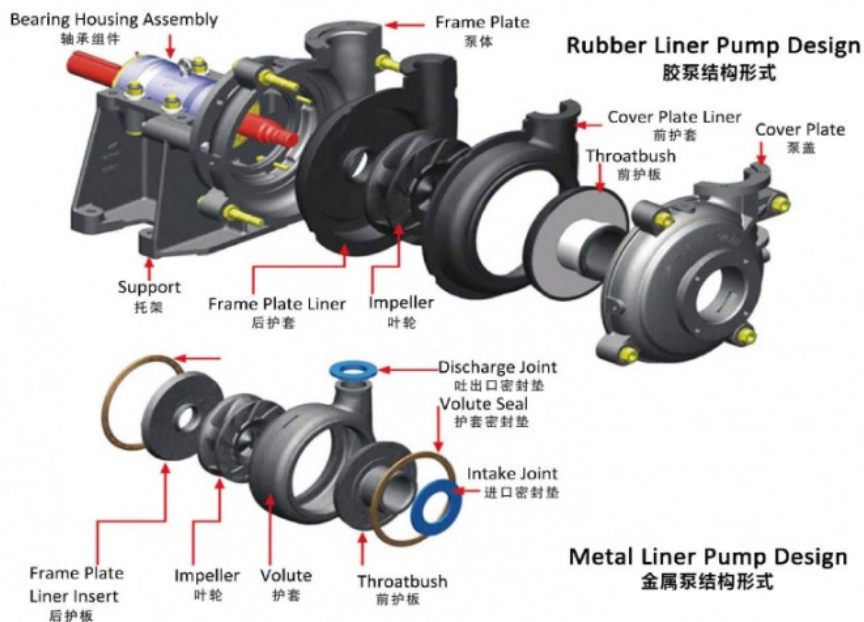
Type meaning for 4 / 3 C - AH(R)	
4/3C-AH(R) slurry pump	
4	Pump inlet size (inch)
3	Pump outlet size (inch)
C	Bracket type
AH	Pump model
R	R-Rubber liner pump

Performance table of AH(R)/HH centrifugal slurry pump

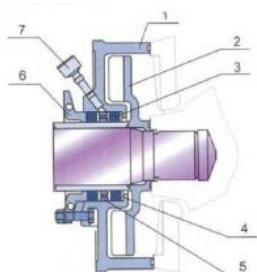
MODEL	ALLOWABLE MATING MAX.POWER (KW)	MATERIAL		CLEAN WATER PERFORMANCE						IMPELLER	
		LINE R	IMPELLER	Q Capacity		H Head (m)	Speed n(r/min)	Max. Eff. (%)	NPSH (m)	VANES NO.	IMPELLER DIA (mm)
				m³/h	L/s						
1.5/B-AH	15	M	M	12.6-28.8	3.5-8	6-68	1200-3800	40	2-4	5	152
		RU	RU	10.8-25.2	3-7	7-52	1400-3400	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	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		
12/10S 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		
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		
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

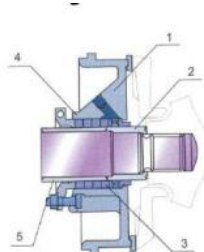
AH(R)/HH/M(R) Series Slurry Pump Construction Design



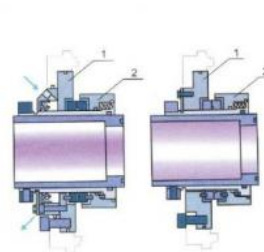
Selection And Performance Chart



- 1.减压盖 Expeller Ring
- 2.副叶轮 Expeller
- 3.填料 Packing
- 4.填料垫 Neck Ring
- 5.水封环 Lantern Ring
- 6.填料压盖 Packing Gland
- 7.油杯 Oil Cup



- 1. 填料箱 Stuffing Box
- 2. 前水封环 Lantern Restrictor
- 3. 填料 Packing
- 4. 填料压盖 Packing gland
- 5. 轴套 Shaft Sleeve



- 1. 静环组件 Stationary Ring Assembly
- 2. 动环组件 Movable Ring Assembly

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