



150mm Discharge Light Model Abrasive Slurry Pump Low Abrasive For Coal

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

- Discharge Dia.: 150mm
- Impeller Dia.: 381mm
- Number Of Vanes: 5
- Impeller: Metal Or Rubber
- Usage: Coal
- Max.Eff.: 60%
- Highlight: diesel engine driven centrifugal pump

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Product Description

150mm Discharge Light Model Low Abrasive Horizontal Slurry Pump For Coal

Product overview for 150E-L model slurry pump

Structure: The L-type light slurry pump is a cantilever. The discharge position of the horizontal double-shell axial suction centrifugal slurry pump can be installed at 45 °C intervals and rotated at eight different angles.

Material: The pump body of the L-type light slurry pump has a replaceable wear-resistant metal lining. The over-flow parts such as impeller, sheath and guard plate are made of wear-resistant metal.

Use: Compared with heavy-duty slurry pump, the pump has high speed, small volume and light weight, and is suitable for conveying fine particles. The weight concentration of low-concentration slurry or corrosive slurry conveying slurry is generally not more than 30%. It can be used to transport high concentration and low abrasive slurry.

Sealing form: The shaft seal of the pump can be sealed by packing, auxiliary impeller seal, packing plus auxiliary impeller seal, mechanical seal and so on.

Transmission type: DC direct transmission, CR parallel belt drive, ZVZ upper and lower belt drive, CV vertical belt drive and other types.

Type meaning of 150E-L model slurry pump

Type meaning for 150E-L model slurry pump	
150E-L(R)	
150	Discharge Diameter (mm)
E	Support Type
L	Light Model Low abrasion slurry pump
R	Natural Rubber Liner

Specifications

Allowable Max.Power	120kw
Capacity	115 - 568.8m³/h
Head	10.5 - 51.8m
Speed	800 - 1500r/min
Max.Eff.	60%
NPSH	2.5 - 6m

Quality control for 300S-L model slurry pump

Inspection Equipment	
1. Inspection and Detection	
With various inspection and detection instruments ,like three-coordinate measuring instrument ,metallographic microscope, direct reading spectrometer ,Brinell hardness meter ,Vickers hardness meter, carbon and sulfur analyzer and other detection equipment,we can carry on the chemical composition analysis ,physical properties test ,coordinate measurement for various steel&steel materials	
Complete pump set inspection	
We have performance testing platform for each batch pump inspection before delivery	
Quality control system for each set slurry pump	
Purchasing raw material	1. Strict rules and procedures to choose the raw material supplier
	2. Each batch raw material will be tested by quality control department
casting of parts	1 .Melting:Chemical element analysis for raw material before and after stove .
	2.Moulding :Strict sand moulding qualified before iron liquid pouring for casting
	3. Cleaning semi-finished parts sand :Strict inspection on the appearance and size qualified before storage.
Machining of slurry pump	1. Self -inspection and inspection between different steps.
	2. First part inspection
	3. Procedures inspection
	4..Inspection before storage the mining AH slurry pumps
Assembling of slurry pump	1. Inspector tracks the whole process of assembly of slurry pumps
	2. Slurry Pump pressure inspection and fillout the testing table
	3. Painting inspection
	4. Performance testing and fillout the testing table
	5. Packing inspection of slurry pump
	6. Issue quality certificate


Performance Chart

type	Max.	ClearWaterPerformance					Impeller		Application
		Capacity	Head/m	Speed/rpm	Efficiency	NPSH	Nos	Diameter	
20 A-L	7.5	2.34-10.8	6-37	1400-3000	30	3.5-8	4	152.4	-Ball mill discharge

50 B-L	15	16.2-76	9-44	1400-2800	55	3.5-8	5	190	-Coarse tailing
75 C-L	30	18-151	4-45	900-2400	57		4	229	-Rod mill discharge
100 D-L	60	50-252	7-46	800-1800	60		4	305	-Coal washing
150 E-L	120	115-486	12-51.5	800-1500	65		4	381	-Wet crushers
200 E-L	120	234-910	9.5-40	600-1100	64		4	457	-Phosphate matrix
250 F-L	120	396-1425		500-800	77		5	550	-Minerals concentrate
300 S-L	560	468-2538	8-60	400-950	79		5	653	-Lime grinding
350 S-L	560	650-2800	10-59	400-840	81		5	736	-FGD waste water
400 ST-L	560	720-3312	7-51	300-700	80		5	825	-Flotation
450 ST-L	560	1008-4356	9-48	300-600	80		5	933	-Process chemical
550 TU-L	1200	1980-7900	10-50	250-475	86		5	1213	-Pulp and paper

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