

HUGO[®]

Electric Lifting Hoist

Structural features, It has the characteristics of compact structure, small volume, light weight, convenient operation, safety and reliability, and wide application range. Welcome to buy Electric Lifting Hoist from us. Every request from customers is being replied within 24 hours.

1、 Introduction of the Electric Lifting Hoist

Features of PDH electric running chain electric hoist:

Structural features, It has the characteristics of compact structure, small volume, light weight, convenient operation, safety and reliability, and wide application range.

Electric Lifting Hoist Flexible, In addition to fixed suspension use, the product can also be equipped with hand-drawn trolleys or electric trolleys, which can be installed on single beams, double beams and overhead transportation systems composed of different structures for operations.

Application areas:

It is widely used in major factories, warehouses, wind power generation, logistics, docks, batching and work sites with narrow spaces. It is used for lifting or loading and unloading goods. It can also be used to lift heavy objects to facilitate work or repair large machinery.

For work in warehouses, docks, ingredients and work sites with narrow space, it can show its excellent quality.

2、 Product Specification of the Electric Lifting Hoist

Parameters of 220v to 380v converter electric motor lifting hoist						
Model	PDH-A-0.5	PDH-A-1	PDH-A-2	PDH-A-2.5	PDH-A-3	PDH-A-5
Capacity (t)	0.5	1	2	2.5	3	5
Standard lifting height (m)	3					
Lifting Speed (m/min)	7.2	5.8	3.0	5.0	5.0	2.6

Lifting Motor	Power (kw)	8	8	14	7	10	5
	Volt (V)	380					
	Frequency (Hz)	50					
Chain Turns	1	1	2	1	1	2	
Chain specification (mm)	Ø 6.3×19	Ø8×24	Ø8×24	Ø11.2×34	Ø11.2×34	Ø11.2×34	
Test load (t)	0.625	1.25	2.5	3.125	3.75	6.25	
Net Weight (kw)	41	45	53	108	110	130	
Weight added with 1m higher (kg)	1.1	1.4	2.8	2.8	2.8	5.6	

3. Electric Lifting Hoist Feature And Application

The machine body is made of high-strength tensile shell or die-cast aluminum shell, and precision manufactured by thin-wall extrusion molding process. Advanced performance structure, small size, light weight, reliable performance, convenient operation, wide application range, very convenient for lifting heavy objects, loading and unloading work, maintenance equipment, and lifting goods. It can also be installed on suspended I-beams, curved tracks, Lift heavy objects on the jib crane rails and fixed lifting points.

The Electric Lifting Hoist has an independent gearbox system, the secondary coaxial transmission gear mechanism in the sealed gearbox, and a long-life oil bath lubrication system. The electric hoist powder metallurgy clutch is used as the overload protection device, and the brake adopts the disc type DC electromagnetic field braking, which has a large

4. Electric Lifting Hoist Details

Electric motor partial outer cover: They are made of high strength aluminum system through compression casting formation.

Features: Solid and light, Fast release heat, Continuous use, Enclosed structure. Can be used in the chemical plants, electroplating factories, and other places.

Side kind braking: This masterly structure ensure the hoist safety. when the power off. And ensures it is safe when has excess load. Also it combine to the motor braking as the double brake system to strengthen security and durability.

Anti phase protector: When power-supply wiring mistake, the control circuit is unable to move.

Hooks: They are made by hot forging and heat treatment.

Chain: It is made of FEC80 ultra strong heat treatment alloy steel.

Advantages: It is safely approximately when used in the rain water, the sea water, under the chemical and other bad conditions.

Protection class (hosit and push button): IP55

ISO: M5 /FEM: 2AM Insulation grade: F

Powder supply: 3 phase, 200-600v, 50HZ



Features of PDH Electric Lifting Hoist:

1. Double brake system, mechanical brake and electromagnetic brake are adopted. The mechanical brake adopts the brake pad system of American Raybestos, one of the three major manufacturers of automobile brakes. Technology is more secure.
2. Equipped with built-in load limiting device. When the weight of the lifted object is greater than the rated load, the electric hoist will no longer work, which can avoid the adverse consequences caused by overloading;
3. The machine is equipped with upper and lower limit devices. When the hook rises or drops to the limit position, the machine will automatically cut off the power supply and the hook will stop immediately.
4. The motor has an overheating protection function. When the temperature rises too high due to frequent use of the motor, the device will automatically cut off the motor to protect the motor from burning out.
5. The electrical appliances are imported Siemens electrical appliances. The handle switch is fixed with a 5-key setting. In addition to the direction buttons, there is an emergency stop button, an open button, and a close button. The operator can turn off the power immediately in case of emergency.
6. The lifting hook is equipped with a locking device to prevent accidental slippage of the lock.
7. The chain adopts imported Japanese FEC chain, which is safer and more secure.
8. The built-in frequency converter can be loaded selectively, and it does not need to be added outside like a traditional electric hoist, and the speed of the increase can be controlled at any time.
9. The body is made of precision vacuum die-casting aluminum alloy, and the surface is sprayed with plastic. The whole machine is light in weight, good in heat dissipation and beautiful in appearance.
10. No noise. The national standard is 80 decibels for noise, while the operating sound of this electric hoist is only 40 decibels.





5、 Product qualification

Shanghai Yiyong Crane Machinery Company is the hoist manufacturer Institute certified. This means we are one of the industry's leading suppliers of hoist equipment. We are reliable and deliver exceptional value.

Shanghai Yiyong Crane machinery Company supply 380V 440V 415V electric hoist 2ton.it is the most popular in Asia ,America and Canada ,It is beautiful ,strong and durable.we promise the electric hoist 2ton warranty is 2 years.and the hand cable is warter proofed,and we really welcome the treaders around the world join in us .

6、 Deliver shipping and serving

Pre-sale Services : we have professional sales team as your guide to choose correct model and solve your problems timely, cooperated with engineering team、 technical department、 production department、 administration department、 accountant department、 document department, working time is 7x24hours.

Sale services: one to one sales would in charge of all matters about your purchase order and would

monitor shipping all the way till you got material, including proving documents , communicate with forwarder etc. Cooperated with production department、 technical department、 engineer department technical department、 packaging department、 logistic department to deal with related communications ensure your order would be proceed without any mistakes.

After-sale services : after-sales team will deal with all complaint from customers such as packaging ,quality ,shipping ,etc. We will surely exchange goods or make up lost if finally verify mistakes caused by our side, a promise is a promise !

7、 FAQ

1.Is your product customized?

Thanks for your question. Yes, because the working condition are different, all our products are customized depending on detail requirement! So if you give us more information about the lift capacity, span, lift height, power source and other specials, we will give you a very quick quote!

2. What's the information should I provide when inquiry?

Thanks for your question. The more information you provide, the accurate solution we can prepare for you! The information such as the lift capacity, span, lift height, power source or other specials you give us will be more appreciated.

3. How many operating methods for my selection?

Thanks for your question. The standard operating methods we provide is pendent controller with push buttons. Meanwhile, we can also provide the remote control with push buttons and the cabin (space capsule seat) control with joystick. You can choose any of them, just tell us!

4.The space of my workshop is limited, can the crane ok for mine?

Thanks for your question. For low headroom workshop, we have the Special products. The detail dimension please consult our professional engineer.

5. What's the information should I provide when inquiry?

a. What's the lifting material?

b. How much is the maximum lifting weight of the hoist?

c. Have you installed the rails? Do you need us supply the rails? How long is it?

d. Where are the working environment?