

Ningbo Electric Pneumatic www.ningbo-electric.com

alexify@gmail.com, realwhks@hotmail.com

tel: 86-13505740443 fax: 86-574-87722775

<http://www.ningbo-electric.com/crane-parts.html>

Electric Hoist Model HJ



Explain:

HJ model steel wire rope type electric hoist boasts several kinds of lifting capacity, lifting height and the function of both single and double speed lifting and running, besides meeting high requirement including over-speed protection, overload protection, double brakes and manual release etc., which can be used in the environment with strict safety requirement (for instance, inside the plant house of nuclear power) This product has been successfully applied in the projects including Qinshan Nuclear Power and Dayawan Nuclear Power, which has received a good reputation from both at home and abroad.

Lifting capacity: 3200, 6300, 5000, 10000, 20000, 32000(KG)

Lifting height: 3, 8, 10, 12.5, 16, 20(M)

technology parameter

Type	HJ4		HJ5		HJ6		
Number of falls	1/2	1/4	1/2	1/4	1/2	1/4	1/6
Lifting capacity (t)	3.2	6.3	5	10	10	20	32
Lifting height (m)	6.3;8;10;12.5;16;20						

Lifting speed (m/min)		8/1.3	4/0.65	8/1.3	4/0.65	6/1	3/0.5	3.2
Traversing speed (m/min)		20		20/5			—	
Power supply (v;Hz)		380;50						
Wire rope	Specification	∅ 12-6×37		∅ 15-6×37		∅ 20-18×7		
	Structure	1+6+12+18		1+6+12+18		1+6		
I - beam		20a-45c	28a-63c	28a-63c		45a-63c		
Motor	Lifting	Power (kw)	5/0.83		7.8/1.3		12/2	19
		Speed (r/min)	2800/375		2800/450		2800/474	1380
	Traversing	Power (kw)	0.4	0.8	0.88/0.21		1.45/0.32	—
		Speed (r/min)	1380		2800/700		2800/700	—
	Low headroom Traversing	Power (kw)	0.8	1.45	1.45/0.32		1.45/0.32×2	—
		Speed (r/min)	1380		2800/700		2800/700	—

Frequency Conversion Wire Rope Electric Hoist



Operating principle of frequency conversion electric hoist is that the univertor controls the speed of the motor through changing the power frequency. The feature of it is the following:
Decreasing the impact of starting and stop

The hoist can operate smoothly, so the impact of starting and stop can be decreased.

It is especially suitable for the assembly of precision mold in the environment forbidding the vibrate.

Setting the lifting speed according to requirement

The lifting speed can be set between the rated speed and 1/10 of it so as to choose the most suitable operation speed.

Improving the operating efficiency

In the condition of idle, the lifting speed can be selected between the rated speed and 1.5 times of it. Thus, the travelling speed can be increased at the idle and the operation efficiency is also be improved.

Setting the travelling speed of trolley conveniently

The frequency of travelling motor can be converted by the univertor. The travelling motor can run at the dead slow easily. Thus, the accuracy of run locating can be improved and the hoist can run inch by inch.

Series HBJ Explosion Proof Electric Hoist



Series HBJ explosion proof electric hoists have three explosion-proof classification: II A, IIB, IIC and are suitable for the environment, whose temperature is one kind of T1-T4, where is full of flammable gas and explosive gas mixture of steam and air.

The hoists can be run at the environment temperature of -25--40 and in the rooms. when being used in outdoor, they need to be fitted safety equipment.

Type		HBJ2		HBJ4		HBJ5		HBJ6	
Number of falls		1/2	1/4	1/2	1/4	1/2	1/4	1/4	
Lifting capacity (t)		1	2	3.2	6.3	5	10	20	
Lifting height (m)		6.3、 8、 10、 12.5、 16、 20							
Lifting speed (m/min)		10/1.6	5/0.8	8/1.3	4/0.65	12/2	6/1	3/0.5	
Traversing speed (m/min)		20							
Power supply (V;Hz)		380/220;50							
Wire rope		8NAT6×37+NF16 70ZS		12NAT6×37N 167		15NAT6×37+NF16 70ZS		20NAT6×29Fi+FC 1870	
I- beam		16-28b		20a-4 5c	28a-6 3c	28a-63c		36a-63c	
Motor	Lifting	Power (kw)	2/0.33		5/0.83		12/2		12/2
		Speed (r/min)	2800/460		2800/460		2800/460		2800/460
	Traversing	Power(kw)	0.2	0.4	0.4	0.8	0.8	2×0.8	2×0.8
		Speed (r/min)	1380		1380		1380		1380

Electric Single-beam Suspension Crane Model LX



This product works on hung rails and is suitable for general purpose handling in workshops or stores.

Work grad: A4 Capacity: 0.5t, 1t, 2t, 3t, 5t 5 sizes

Span: 3m, 3.5m, 4m,m27 sizes

Operation method: ground

Lifting capacity (t)		0.5, 1, 2, 3, 5	
Span (m)		3-16	
Travelling mechanism	Speed (m/min)		20,30
	Motor	Model	ZDY ₁ 12-4
		Power (kw)	2×0.4
		Speed (r/min)	1380
Electrichoist	Model		CD ₁ /MD ₁
	Lifting height (m)		6,9,12,18,24,30
	Lifting speed (m/min)		8 8/0.8
	Traversing speed (m/min)		20,30
Power supply (V;Hz)		380;50	
Dia of wheel (mm)		∅ 130	
Rail I-beam		20a-45c	

Electric Overhead Crane Model LDA



LDA cranes are suitable for hoisting, handling and transporting weights in machine shops and stores, etc. Operation method: floor control, cab control.

Work grad: A4

Capacity: 1t, 2t, 3t, 5t, 10t 5 sizes Span: 7.5m, 8m--22.5m 22 sizes

Operation method: ground, and operator cabin

Lifting capacity (t)		1,2,3,5,10	
Span (m)		7.5-22.5	
Mechanism travelling	Sj speed (m/min)	20,30,45(60),75	
		Type	ZDY ₁ 21-4 ZDR12-4
	Motor	Power (kw)	2×0.8 2×1.5
		Speed (r/min)	1380 1380
电动葫芦	Model	CD ₁ /MD ₁	
	Lifting height (m)	6,9,12,18,24,30	
	Lifting speed (m/min)	8(7);8/0.8(7/0.7)	
	Traversing speed (m/min)	20,30	
Power Supply (v;Hz)		380;50	
Dia of wheel (mm)		φ 270	

Double-girder Crane Model LH with Electric Hoist



Hereinafter called as "Hushuang" takes electric hoist as the lifting device, offset track cabinet type beam as the crane span structure, and "3-in-1" transmission mechanism as the cart running device, whilst electrically conducted by cable, main beam and end beam are joined by dismantling bolt, featuring light weight, compact dimension, simple structure and good group adaptability as well as convenient in installation, operation, maintenance and transportation, which is applicable for inspection, assembly and handling works in both light and medium system mechanical workshop, warehouse and hydropower station etc.. As a kind of new type bridge crane, "Hushuang" has a small configuration, lower wheel pressure and cheaper price.

Capacity: 5t, 8t, 12.5t, 16/3.2t, 20/5t, 32/8t6 sizes

Span: 10.5m, 13.5m, 16.5m, 19.5m, 22.5m, 25.5m6 sizes

Operation method: ground, and operator cabin

Electric Double-girder Crane Model QD



The cranes model QD are suitable for lifting and handling weights in machining and assembling workshops, metal frame workshops, metallurgy and casting workshops and stores, and are suitable for lifting the grain materials indoor, and are suitable for lifting the grain materials indoor or outdoor in metallurgy, cement, and chemical industries mounted with the grab bucket.

Work grade: A5(used in the case that it is not very busy ,such as general machine and assembling workshops). A6(used in the case that it is busier,such as metallurgy and casting shops)

Capacity: 5t,10t,16/32t,20/5t,50/10t,the numerator of fraction is main hook is capacity

Span: 10.5m, 3.5m, 16.5m, 19.5m, 22.5m, 25.5m, 28.5m, 31.5m 8 sizes

Model MDG Gantry Crane with Single Hook



Explain:

Model MDG gantry crane with single hook and Model MH with electric hoist is one of the widely-used handling and conveying equipment in mills and mines, enterprises, stations and harbours, etc. This series of products have the features of simple structure, install easy and light weight.

Work grade: A5

Capacity: 5t,10t,16/3.2t,20/5t,32/5t,50/10t

Span: 18m,22m,26m,30m,35m Operator cabin has wide field of vision ,cam controlling mechanisms,easy for operation,and comfortable for operator,and equipped the fan, cooler,heater,air-conditioner and load-limiter according to user's requirement

Lifting capacity (t)	5	10	16/3.2	20/5
Span (m)	18,22,26,30,35			
Lifting height (m)	11	12	12/14	12/11
Lifting speed (m/min)	12.5	9.7	9.5/19.5	7.2/19.4
Traversing speed (m/min)	36.6	38.6	39.3	39.3
Traversing speed (m/min)	46.3(18-22m) 40.1(26-35m)	39.3(18-22m) 40.1(26-35m)	40.1(18-26m) 47.1(30-35m)	40.1(18-22m) 47.1(26-35m)
Classification grade	A5			
Rail I-beam (kg/m)	43;50			
Power supply (v;Hz)	380;50			

Model MH Gantry Crane with Electric Hoist



Lifting capacity(t)	2, 3.2, 5, 8, 10, 12.5, 16
Span(m)	6-40
Lifting height(m)	6.3, 8, 10, 12.5
Lifting speed(m/min)	8, 7 (or 8/0.8, 7/0.7)
Traversing speed(m/min)	20-50
Electric hoist	CD,MD,HJElectric hoist
Classification grade	A2-A5
Type of rail	P24-P50
Power supply(V;Hz)	380; 50

Manual Beam Suspension Crane Model SLX



The manual beam suspension crane model SLX is suitable for lifting or handing materials in mills and mines, and stores, etc, driving the crane by man-power.

Lifting capacity (t)	0.5, 1, 2, 3
Span (m)	3-12
Classification grade	A1
Dia of wheel (mm)	$\phi 110$ - $\phi 130$

Model LBJ Explosion Proof Electric Single-Girder Bridge Crane



LBJ explosion proof electric single-girder cranes are light and small. Their working grade are between A3-A5, lifting capacities are from 1t-10t, spans are 7.5m-22.5m. They are suitable for the explosive environment where the temperature is from T1-T4 and is full of flammable gas or the explosive mixture of steam and gas.

Capacity (t)		1					2					3							
Span (m)		7.5	10.5	13.5	16.5	19.5	22.5	7.5	10.5	13.5	16.5	19.5	22.5	7.5	10.5	13.5	16.5	19.5	22.5
Operation Method		地操					地操					地操							
Explosion Proof Symbol		Exd II BT4、Exd II CT4					Exd II BT4、Exd II CT4					Exd II BT4、Exd II CT4							
Large cart	Traveling Speed (m/min)	20					20					20							
	Model of the motor	BYHZY ₁ 100S-4					BYHZY ₁ 100S-4					BYHZY ₁ 100S-4							
	Power (kw)	2×0.8					2×0.8					2×0.8							
	Speed (r/min)	1380					1380					1380							
	Dia. Of the wheel (mm)	Φ270					Φ270					Φ270							
起升机构 电动葫芦 及运行机构	Model of the hoist	HBJ2					HBJ2					HBJ4							
	Lifting speed (m/min)	10、10/16					5、5/0.8					8、8/1.3							
	Lifting Height (m/min)	6.3、8、10、12.5、16、20					6.3、8、10、12.5、16、20					6.3、8、10、12.5、16、20							

LHBJ Explosion Proof Electric Hoist Bridge Cranes



LHBJ explosion proof electric hoist bridge cranes are designed adopting Japanese technology. Their working grade are between A3-A5, lifting capacities are from 1t-20t, spans are 10.5m-25.5m. They are suitable for the explosive environment where the temperature is from T1-T4 and is full of flammable gas or the explosive mixture of steam and gas.

NEP-Tengen Group

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alexify@gmail.com, realwhks@hotmail.com

tel: 86-13505740443

fax: 86-574-87722775