

# ELK<sup>®</sup>

GNAS  
1303001-008  
CE SGS

» **Shell:** It is made of light aluminum alloy shell, light but hard. The cooling fin is specially designed to ensure quick heat dissipation with the rate up to 40% and continuous service. The integral enclosed structure is applicable to places like chemical plant and electroplate factory.

» **Side magnetic braking device:**

The magnetic orce generator is the latest design which is featured for generating magnetic force. It allows instant brake as soon as the electric power is cut off. Thus the braking safety while loading is guaranteed.

» **Limit switch:**

The limit switch device is installed where the weight is lifted on and off to make the motor to stop automatically so as to prohibit the chains from exceeding for safety.

» **Chain:**

The chain shall adopt the Japan FEC80 ultra heat-treatable steel alloy chain. It can be safely used in poor environments such as rain sea water and chemicals

» **Hook:**

It is hot forging with perfect strength that is hard to break. The operation safety of the lower hook is ensured by its 360 degrees rotation and safety tongue piece.

» **Support frame:**

The loading support frame consists of two steel plates, which is extremely sturdy.

» **Transformer:**

24V/36V/48V transformer device This device is used to prohibit unexpected accidents caused by electric leakage and guarantees the safe use while raining.

» **Electromagnetic contactor:**

Electromagnetic contactor can be used safely under high frequency

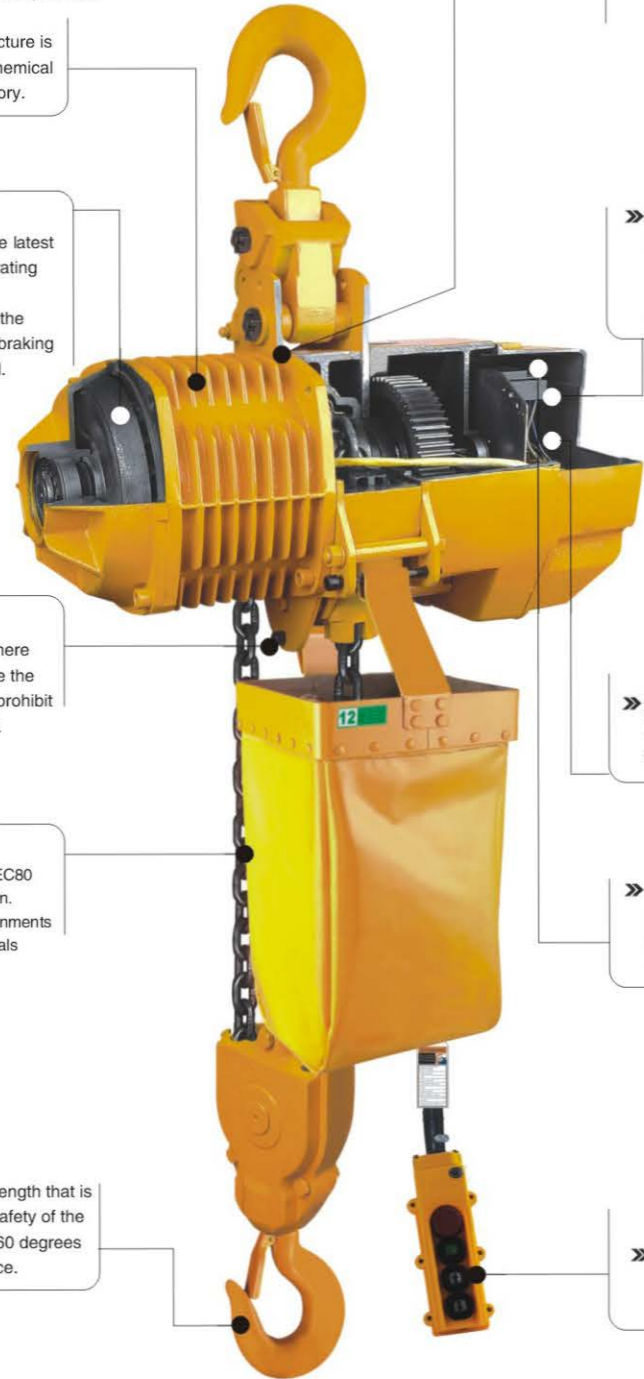
» **Inverse phases sequence protecting device:**

It is the special electrical installation which controls the circuit not to work in case of wiring error in the power supply.

» **Push button:**

Waterproof push button is applied. It is light and durable.

» **Standard fittings:** Chain bag(1) Control cable (6m) Push-button switch (1)



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# ELK<sup>®</sup>

Safe Reliable and Durable

# ELECTRIC CHAIN HOIST





### 500Kg~10Ton

## Hoist with Hook

#### » Technical Parameters

##### Single speed

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor				
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)
HKD00501S	0.5	5	6.8	0.75	1440	3	200-600	50
HKD0101S	1	5	6.6	1.5	1440	3	200-600	50
HKD0102S	1	5	3.4	0.75	1440	3	200-600	50
HKD01501S	1.5	5	8.8	3.0	1440	3	200-600	50
HKD0201S	2	5	6.6	3.0	1440	3	200-600	50
HKD0202S	2	5	3.3	1.5	1440	3	200-600	50
HKD02501S	2.5	5	5.4	3.0	1440	3	200-600	50
HKD0301S	3	5	5.4	3.0	1440	3	200-600	50
HKD0302S	3	5	4.4	3.0	1440	3	200-600	50
HKD0303S	3	5	2.2	1.5	1440	3	200-600	50
HKD0502S	5	5	2.7	3.0	1440	3	200-600	50
HKD1004S	10	5	2.7	3.0 x 2	1440	3	200-600	50

##### Dual speed

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor				
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)
HKD00501SD	0.5	5	6.8/2.3	0.75/0.25	2880/960	3	200-600	50
HKD0101SD	1	5	6.8/2.3	1.5/0.5	2880/960	3	200-600	50
HKD0102SD	1	5	3.3/1.1	0.75/0.25	2880/960	3	200-600	50
HKD01501SD	1.5	5	8.9/2.9	3.0/1.0	2880/960	3	200-600	50
HKD0201SD	2	5	6.8/2.3	3.0/1.0	2880/960	3	200-600	50
HKD0202SD	2	5	3.3/1.1	1.5/0.5	2880/960	3	200-600	50
HKD02501SD	2.5	5	5.4/1.8	3.0/1.0	2880/960	3	200-600	50
HKD0301SD	3	5	5.4/1.8	3.0/1.0	2880/960	3	200-600	50
HKD0302SD	3	5	4.5/1.5	3.0/1.0	2880/960	3	200-600	50
HKD0303SD	3	5	2.3/0.8	1.5/0.5	2880/960	3	200-600	50
HKD0502SD	5	5	2.7/0.9	3.0/1.0	2880/960	3	200-600	50
HKD1004SD	10	5	2.7/0.9	3.0x2/1.0x2	2880/960	3	200-600	50

Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2



### 500Kg~20Ton

## Hoist with Electric Trolley

#### » Technical Parameters

##### Single speed

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor					Trolley Motor			H-Beam (mm)
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	Power (Kw)	Rotation Speed (r/min)	Trolley Speed (m/min)	
HKDM00501S	0.5	5	6.8	0.75	1440	3	200-600	50	0.4	1440	21	100-300
HKDM0101S	1	5	6.6	1.5	1440	3	200-600	50	0.4	1440	21	100-300
HKDM0102S	1	5	3.4	0.75	1440	3	200-600	50	0.4	1440	21	100-300
HKDM01501S	1.5	5	8.8	3.0	1440	3	200-600	50	0.4	1440	21	100-300
HKDM0201S	2	5	6.6	3.0	1440	3	200-600	50	0.4	1440	21	100-300
HKDM0202S	2	5	3.3	1.5	1440	3	200-600	50	0.4	1440	21	100-300
HKDM02501S	2.5	5	5.4	3.0	1440	3	200-600	50	0.75	1440	11	100-300
HKDM0301S	3	5	5.4	3.0	1440	3	200-600	50	0.75	1440	11	100-300
HKDM0302S	3	5	4.4	3.0	1440	3	200-600	50	0.75	1440	11	100-300
HKDM0303S	3	5	2.2	1.5	1440	3	200-600	50	0.75	1440	11	100-300
HKDM0502S	5	5	2.7	3.0	1440	3	200-600	50	0.75	1440	11	100-300
HKDM07503S	7.5	5	1.8	3.0	1440	3	200-600	50	0.75	1440	11	250-450
HKDM1004S	10	5	2.7	3.0x2	1440	3	200-600	50	0.75	1440	11	250-450
HKDM1506S	15	5	1.8	3.0x2	1440	3	200-600	50	0.75 x 2	1440	11	250-450
HKDM2008S	20	5	1.4	3.0 x 2	1440	3	200-600	50	0.75 x 2	1440	11	250-450

##### Dual speed

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor					Trolley Motor			H-Beam (mm)
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	Power (Kw)	Rotation Speed (r/min)	Trolley Speed (m/min)	
HKDM00501SD	0.5	5	6.8/2.3	0.75/0.25	2880/960	3	200-600	50	0.4/0.1	2880/720	20/5	100-300
HKDM0101SD	1	5	6.8/2.3	1.5/0.5	2880/960	3	200-600	50	0.4/0.1	2880/720	20/5	100-300
HKDM0102SD	1	5	3.3/1.1	0.75/0.25	2880/960	3	200-600	50	0.4/0.1	2880/720	20/5	100-300
HKDM01501SD	1.5	5	8.9/2.9	3.0/1.0	2880/960	3	200-600	50	0.4/0.1	2880/720	20/5	100-300
HKDM0201SD	2	5	6.8/2.3	3.0/1.0	2880/960	3	200-600	50	0.4/0.1	2880/720	20/5	100-300
HKDM0202SD	2	5	3.3/1.1	1.5/0.5	2880/960	3	200-600	50	0.4/0.1	2880/720	20/5	100-300
HKDM02501SD	2.5	5	5.4/1.8	3.0/1.0	2880/960	3	200-600	50	0.75/0.18	2880/720	20/5	100-300
HKDM0301SD	3	5	5.4/1.8	3.0/1.0	2880/960	3	200-600	50	0.75/0.18	2880/720	20/5	100-300
HKDM0302SD	3	5	4.5/1.5	3.0/1.0	2880/960	3	200-600	50	0.75/0.18	2880/720	20/5	100-300
HKDM0303SD	3	5	2.3/0.8	1.5/0.5	2880/960	3	200-600	50	0.75/0.18	2880/720	20/5	100-300
HKDM0502SD	5	5	2.7/0.9	3.0/1.0	2880/960	3	200-600	50	0.75/0.18	2880/720	20/5	100-300
HKDM07503SD	7.5	5	1.8/0.6	3.0/1.0	2880/960	3	200-600	50	0.75/0.18	2880/720	20/5	250-450
HKDM1004SD	10	5	2.7/0.9	3.0x2/1.0x2	2880/960	3	200-600	50	0.75/0.18	2880/720	20/5	250-450
HKDM1506SD	15	5	1.8/0.6	3.0x2/1.0x2	2880/960	3	200-600	50	0.75/0.18x2	2880/720	20/5	250-450
HKDM2008SD	20	5	1.5/0.5	3.0x2/1.0x2	2880/960	3	200-600	50	0.75/0.18x2	2880/720	20/5	250-450

Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2

