

# ELK<sup>®</sup>

## ***ELECTRIC CHAIN HOIST***



- ⌚ *Reliable Safety*
- ⌚ *Environmental protection*
- ⌚ *Enhanced Durability*
- ⌚ *Compact Structure*



# ELK®

CNAS CE SGS  
ISO9001-2008



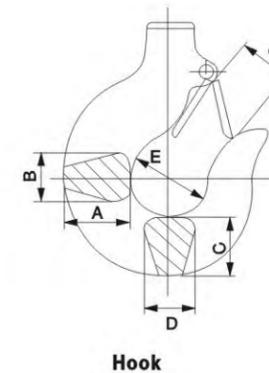
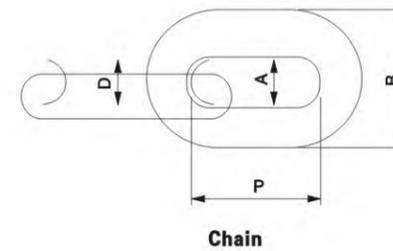
## ELK Electric Chain Hoist outline

<b>Rate Capacity:</b>	500Kg-35t for single speed & Dual speeds
<b>Voltage:</b>	Single voltage 200V-600V,50/60Hz Dual voltage 220V&440V, 220V&380V, 230V&460V
<b>Control voltage:</b>	24V, 36V, 48V, 110V
<b>Classification:</b>	M4, M5(ISO); 1 Am, 2m(FEM); H4(ASME)
<b>Motor insulation:</b>	Class F
<b>Enclosure:</b>	Hoist body - IP55, Hand switch - IP65
<b>Suspension type:</b>	Hook, manual trolley, electric trolley
<b>Working temperature:</b>	-20 to 40°C (-4 to 104°F)
<b>Working humidity:</b>	85%RH or less



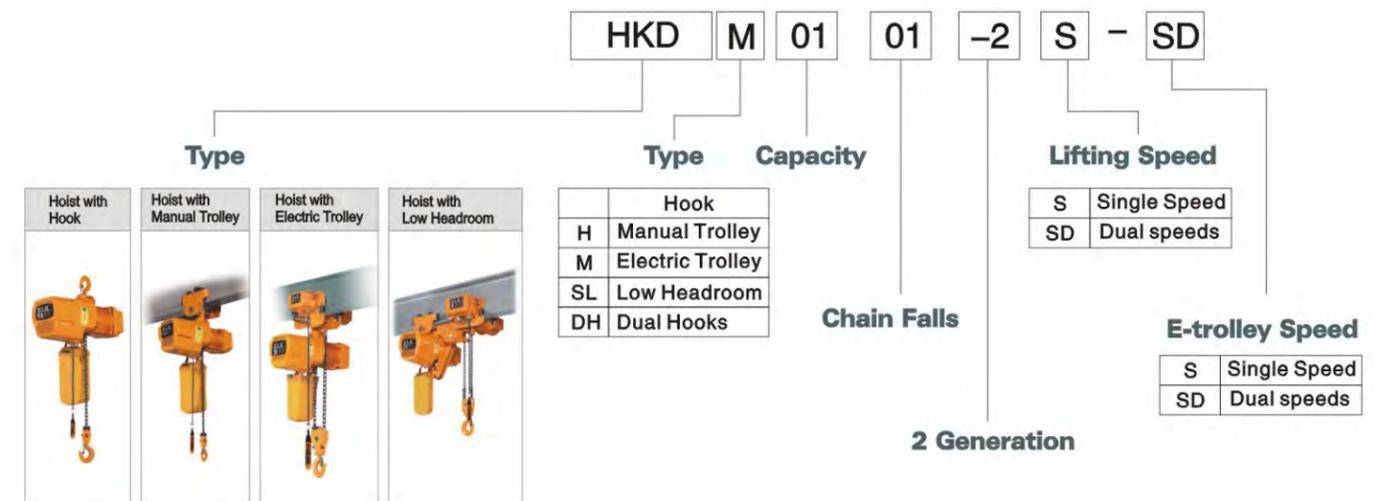
# ELECTRIC CHAIN HOIST

Applicable Type	Diameter (mm) D	Inside length (mm) P	Inside width (mm) A	Outside width (mm) B	Work load (kg)	Guaranteed load (KN)	Break load (KN)
HKD00501-2 HKD0102-2	6.3	19	7.9	22	1120	27	47
HKD0101-2 HKD0202-2 HKD0303-2	7.1	21	8.9	25	1600	37	61.6
HKD01501-2 HKD0201-2 HKD0302-2	10.0	30	12.5	35	3200	76	125
HKD02501-2 HKD0301-2 HKD0502-2 HKD07503-2 HKD1004-2 HKD1506-2 HKD2008-2 HKD2510-2 HKD3012-2 HKD3514-2	11.2	34	14	39	3800	92	154



Type	Load (T)	T	B	A	B	C	D	E	G
HKD	0.5	T	B	27	18	25	17	35	28
	1	T	B	34	24	30	24	42	32
	2	T	B	46	29	39	30	49	40
	3	T	B	56	35	49	34	59	48
	5	T	B	67	43	57	44	60	48
	7.5	T	B	82	55	80	48	85	80
	10	T	B	82	55	80	48	85	80
	15	B		110	78	120	80	120	96
	20, 25	B		142	95	155	98	150	115
	35	B		230	150	230	150	200	150

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.  
Remark: T-top hook, B-bottom hook





## HKD-2 series hoists Features



The hoist body is parallel to electric trolley, greatly increase hoist usage space, ensure trolley operate left and right extremely.

### Dual speeds hoist adopt built-in inverter

Adopt built-in inverter to make hoist in Dual speeds will reduces swing in operation, helps hoist start steadily and stop slowly. The speed ratio can be adjusted, the standard speed ratio is 4:1, if special requirement, please inform when inquiry.



### Limit switch without guide frame

No guide frame ensures hoist lift and drag the weight diagonally.



### Cooling fan

Cooling fan prevent motor over heat when long time continuous usage. Hollowed-out fan cover and cooling fin not only enhance fan heat dissipation capacity, but make fan operated more quietly.



### Side magnetic braking device:

The magnetic force 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.



### Clutch

As emergency overload protection, clutch will functions and motor will slip when abnormal load



\* The shell except for connecting case, all other parts hoist body adopt aluminum, light weight, but exceptional rigidity, as well as high dust-protection and water-protection.



### Chain:

Japan FEC80 chain ultra heat-treatable steel alloy chain. Lifting height is against your requirement.

### 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.

### Hand Switch



An ergonomic shape design ensures hand switch operated friendly. The button with a light soft operating sensation satisfied the operator not fatigued after a long period operation.



Emergency stop button



Back lug easily for firm grip



**500Kg~5Ton**

## Hoist with Hook



**Clutch:** As emergency overload protection, clutch will functions and motor will slip when abnormal load.

**Inverse phase sequence protecting device:** It is the special electrical installation which control the circuit not to work in case of wiring error in the power supply.

**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.

**Side magnetic braking device:** This device shall realize the instant brake in case of the power dump.

**Chain:** Japan FEC80 chain ultra heat-treatable steel alloy chain. Lifting height is against your requirement.

**Emergency stop button:** If any emergencies, press it, the motor circuit will be cut off.

**Control voltage:** 24V,36V,48V, 110V are optional. Low control voltage help to prohibit the emergencies occurring in case of hand switch leakage.

**Wireless remote control, and overheat protector can be assembled.**

### » Technical Parameters

**Single speed**

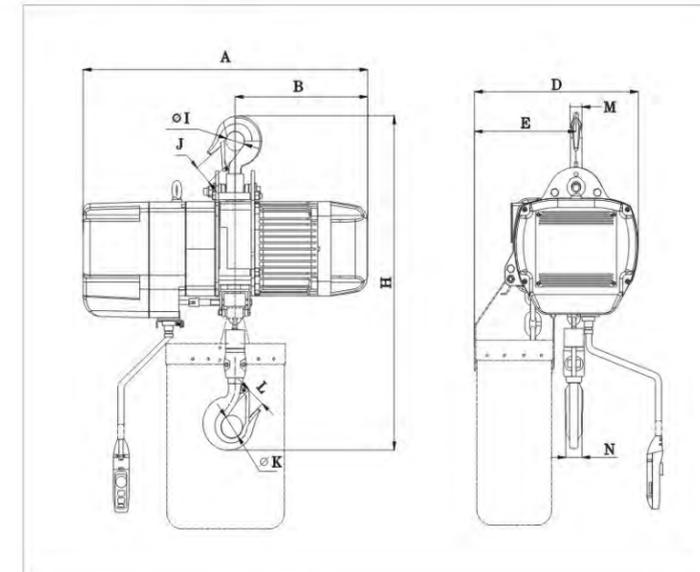
Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor				
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)
HKD00501-2S	0.5	3	6.8	0.75	1440	3	200-600	50
HKD0101-2S	1	3	6.6	1.5	1440	3	200-600	50
HKD0102-2S	1	3	3.4	0.75	1440	3	200-600	50
HKD01501-2S	1.5	3	8.8	3.0	1440	3	200-600	50
HKD0201-2S	2	3	6.6	3.0	1440	3	200-600	50
HKD0202-2S	2	3	3.3	1.5	1440	3	200-600	50
HKD02501-2S	2.5	3	5.4	3.0	1440	3	200-600	50
HKD0301-2S	3	3	5.4	3.0	1440	3	200-600	50
HKD0302-2S	3	3	4.4	3.0	1440	3	200-600	50
HKD0303-2S	3	3	2.2	1.5	1440	3	200-600	50
HKD0502-2S	5	3	2.7	3.0	1440	3	200-600	50

**Dual speeds Inverter**

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)
HKD00501-2SD	0.5	3	6.8&1.7	0.75	1440&360	3	200-600	50
HKD0101-2SD	1	3	6.6&1.65	1.5	1440&360	3	200-600	50
HKD0102-2SD	1	3	3.4&0.85	0.75	1440&360	3	200-600	50
HKD01501-2SD	1.5	3	8.8&2.2	3.0	1440&360	3	200-600	50
HKD0201-2SD	2	3	6.6&1.65	3.0	1440&360	3	200-600	50
HKD0202-2SD	2	3	3.3&0.82	1.5	1440&360	3	200-600	50
HKD02501-2SD	2.5	3	5.4&1.35	3.0	1440&360	3	200-600	50
HKD0301-2SD	3	3	5.4&1.35	3.0	1440&360	3	200-600	50
HKD0302-2SD	3	3	4.4&1.1	3.0	1440&360	3	200-600	50
HKD0303-2SD	3	3	2.2&0.55	1.5	1440&360	3	200-600	50
HKD0502-2SD	5	3	2.7&0.67	3.0	1440&360	3	200-600	50

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

### » Dimensions



### » Size Specification

**Single speed**

Type	Capacity (Ton)	Unit (mm)											Diameter x Chain Fall
		H	A	B	D	E	I	J	K	L	M	N	
HKD00501-2S	0.5	455	566	266	285	165	φ35	27	φ34	25	17	17	φ6.3x1
HKD0101-2S	1	520	627	302	300	176	φ42	32	φ41	32	24	24	φ7.1x1
HKD0102-2S	1	490	566	266	285	165	φ35	27	φ41	32	24	24	φ6.3x2
HKD01501-2S	1.5	640	733	343	430	265	φ48	38	φ49	40	28	28	φ10.0x1
HKD0201-2S	2	640	733	343	430	265	φ48	38	φ49	40	28	28	φ10.0x1
HKD0202-2S	2	705	627	302	300	236	φ48	38	φ49	40	28	28	φ7.1x2
HKD02501-2S	2.5	685	733	343	430	265	φ59	48	φ59	48	34	34	φ11.2x1
HKD0301-2S	3	685	733	343	430	265	φ59	48	φ59	48	34	34	φ11.2x1
HKD0302-2S	3	790	733	343	430	320	φ59	48	φ59	48	34	34	φ10.0x2
HKD0303-2S	3	820	627	302	350	205	φ59	48	φ59	48	34	34	φ7.1x3
HKD0502-2S	5	870	733	343	430	325	φ59	48	φ60	48	42	42	φ11.2x2

**Dual speeds Inverter**

Type	Capacity (Ton)	Unit (mm)											Diameter x Chain Fall
		H	A	B	D	E	I	J	K	L	M	N	
HKD00501-2SD	0.5	455	566	266	285	165	φ35	27	φ34	25	17	17	φ6.3x1
HKD0101-2SD	1	520	627	302	300	176	φ42	32	φ41	32	24	24	φ7.1x1
HKD0102-2SD	1	490	566	266	285	165	φ35	27	φ35	25	24	24	φ6.3x2
HKD01501-2SD	1.5	640	733	343	430	265	φ48	38	φ49	40	28	28	φ10.0x1
HKD0201-2SD	2	640	733	343	430	265	φ48	38	φ49	40	28	28	φ10.0x1
HKD0202-2SD	2	705	627	302	300	236	φ48	38	φ49	40	28	28	φ7.1x2
HKD02501-2SD	2.5	685	733	343	430	265	φ59	48	φ59	48	34	34	φ11.2x1
HKD0301-2SD	3	685	733	343	430	265	φ59	48	φ59	48	34	34	φ11.2x1
HKD0302-2SD	3	790	733	343	430	320	φ59	48	φ59	48	34	34	φ10.0x2
HKD0303-2SD	3	820	627	302	350	205	φ59	48	φ59	48	34	34	φ7.1x3
HKD0502-2SD	5	870	733	343	430	325	φ59	48	φ60	48	42	42	φ11.2x2



**500Kg~5Ton**

## Hoist with Manual Trolley

- Clutch:** As emergency overload protection, clutch will functions and motor will slip when abnormal load.
- Inverse phase sequence protecting device:** It is the special electrical installation which control the circuit not to work in case of wiring error in the power supply.
- 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.
- Side magnetic braking device:** This device shall realize the instant brake in case of the power dump.
- Chain:** Japan FEC80 chain ultra heat-treatable steel alloy chain. Lifting height is against your requirement.
- Emergency stop button:** If any emergencies, press it, the motor circuit will be cut off.
- Control voltage:** 24V,36V,48V, 110V are optional. Low control voltage help to prohibit the emergencies occurring in case of hand switch leakage.
- Wireless remote control, and overheat protector can be assembled.**



### » Technical Parameters

#### Single speed

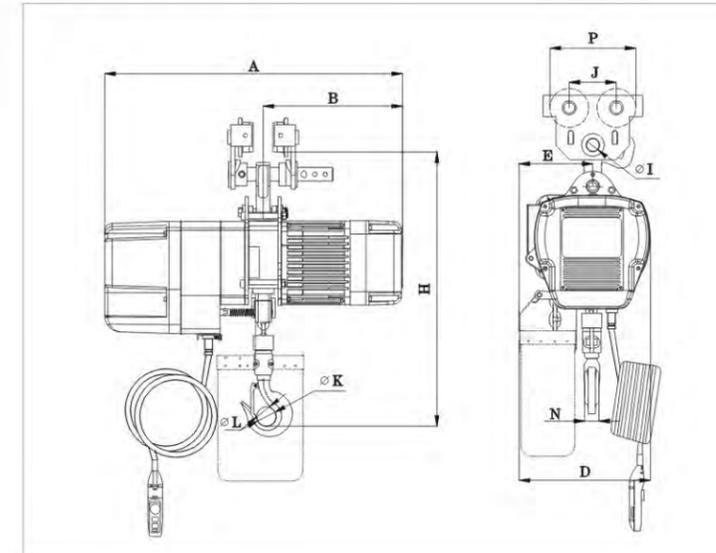
Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor					I-Beam (mm)
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	
HKDH00501-2S	0.5	3	6.8	0.75	1440	3	200-600	50	68-130
HKDH0101-2S	1	3	6.6	1.5	1440	3	200-600	50	68-130
HKDH0102-2S	1	3	3.4	0.75	1440	3	200-600	50	68-130
HKDH01501-2S	1.5	3	8.8	3.0	1440	3	200-600	50	82-153
HKDH0201-2S	2	3	6.6	3.0	1440	3	200-600	50	82-153
HKDH0202-2S	2	3	3.3	1.5	1440	3	200-600	50	82-153
HKDH0201-2S	2.5	3	5.4	3.0	1440	3	200-600	50	82-153
HKDH0301-2S	3	3	5.4	3.0	1440	3	200-600	50	82-153
HKDH0302-2S	3	3	4.4	3.0	1440	3	200-600	50	82-153
HKDH0303-2S	3	3	2.2	1.5	1440	3	200-600	50	82-153
HKDH0502-2S	5	3	2.7	3.0	1440	3	200-600	50	100-178

#### Dual speeds Inverter

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor					I-Beam (mm)
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	
HKDH00501-2SD	0.5	3	6.8&1.7	0.75	1440&360	3	200-600	50	68-130
HKDH0101-2SD	1	3	6.6&1.65	1.5	1440&360	3	200-600	50	68-130
HKDH0102-2SD	1	3	3.4&0.85	0.75	1440&360	3	200-600	50	68-130
HKDH01501-2SD	1.5	3	8.8&2.2	3.0	1440&360	3	200-600	50	82-153
HKDH0201-2SD	2	3	6.6&1.65	3.0	1440&360	3	200-600	50	82-153
HKDH0202-2SD	2	3	3.3&0.82	1.5	1440&360	3	200-600	50	82-153
HKDH0201-2SD	2.5	3	5.4&1.35	3.0	1440&360	3	200-600	50	82-153
HKDH0301-2SD	3	3	5.4&1.35	3.0	1440&360	3	200-600	50	82-153
HKDH0302-2SD	3	3	4.4&1.1	3.0	1440&360	3	200-600	50	82-153
HKDH0303-2SD	3	3	2.2&0.55	1.5	1440&360	3	200-600	50	82-153
HKDH0502-2SD	5	3	2.7&0.67	3.0	1440&360	3	200-600	50	100-178

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

### » Dimensions



### » Size Specification

#### Single speed

Type	Capacity (Ton)	Unit (mm)											Diameter x Chain Fall
		H	A	B	D	E	K	L	N	I	J	P	
HKDH00501-2S	0.5	525	566	266	300	165	φ34	25	17	φ26	90	164	φ6.3x1
HKDH0101-2S	1	535	627	302	320	176	φ41	32	24	φ26	90	164	φ7.1x1
HKDH0102-2S	1	565	566	266	300	165	φ41	32	24	φ26	90	164	φ6.3x2
HKDH01501-2S	1.5	610	733	343	450	265	φ49	40	28	φ31	115	221	φ10.0x1
HKDH0201-2S	2	610	733	343	450	265	φ49	40	28	φ31	115	221	φ10.0x1
HKDH0202-2S	2	685	627	302	320	236	φ49	40	28	φ31	115	221	φ7.1x2
HKDH0201-2S	2.5	670	733	343	450	265	φ59	48	34	φ36	138	265	φ11.2x1
HKDH0301-2S	3	670	733	343	450	265	φ59	48	34	φ36	138	265	φ11.2x1
HKDH0302-2S	3	770	733	343	450	320	φ59	48	34	φ36	138	265	φ10.0x2
HKDH0303-2S	3	810	627	302	370	205	φ59	48	34	φ36	138	265	φ7.1x3
HKDH0502-2S	5	855	733	343	450	325	φ60	48	42	φ40	157	304	φ11.2x2

#### Dual speeds Inverter

Type	Capacity (Ton)	Unit (mm)											Diameter x Chain Fall
		H	A	B	D	E	K	L	N	I	J	P	
HKDH00501-2SD	0.5	525	566	266	300	165	φ34	25	17	φ26	90	164	φ6.3x1
HKDH0101-2SD	1	535	627	302	320	176	φ41	32	24	φ26	90	164	φ7.1x1
HKDH0102-2SD	1	565	566	266	300	165	φ35	32	24	φ26	90	164	φ6.3x2
HKDH01501-2SD	1.5	610	733	343	450	265	φ49	40	28	φ31	115	221	φ10.0x1
HKDH0201-2SD	2	610	733	343	450	265	φ49	40	28	φ31	115	221	φ10.0x1
HKDH0202-2SD	2	685	627	302	320	236	φ49	40	28	φ31	115	221	φ7.1x2
HKDH0201-2SD	2.5	670	733	343	450	265	φ59	48	34	φ36	138	265	φ11.2x1
HKDH0301-2SD	3	670	733	343	450	265	φ59	48	34	φ36	138	265	φ11.2x1
HKDH0302-2SD	3	770	733	343	450	320	φ59	48	34	φ36	138	265	φ10.0x2
HKDH0303-2SD	3	810	627	302	370	205	φ59	48	34	φ36	138	265	φ7.1x3
HKDH0502-2SD	5	855	733	343	450	325	φ60	48	42	φ40	157	304	φ11.2x2



**500Kg~5Ton**

## Hoist with Electric Trolley



**Clutch:** As emergency overload protection, clutch will functions and motor will slip when abnormal load.

**Inverse phase sequence protecting device:** It is the special electrical installation which control the circuit not to work in case of wiring error in the power supply.

**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.

**Side magnetic braking device:** This device shall realize the instant brake in case of the power dump.

**Chain:** Japan FEC80 chain ultra heat-treatable steel alloy chain. Lifting height is against your requirement.

**Emergency stop button:** If any emergencies, press it, the motor circuit will be cut off.

**Control voltage:** 24V,36V,48V, 110V are optional. Low control voltage help to prohibit the emergencies occurring in case of hand switch leakage.

**Wireless remote control, and overheat protector can be assembled.**

### »» Technical Parameters

**Single speed**

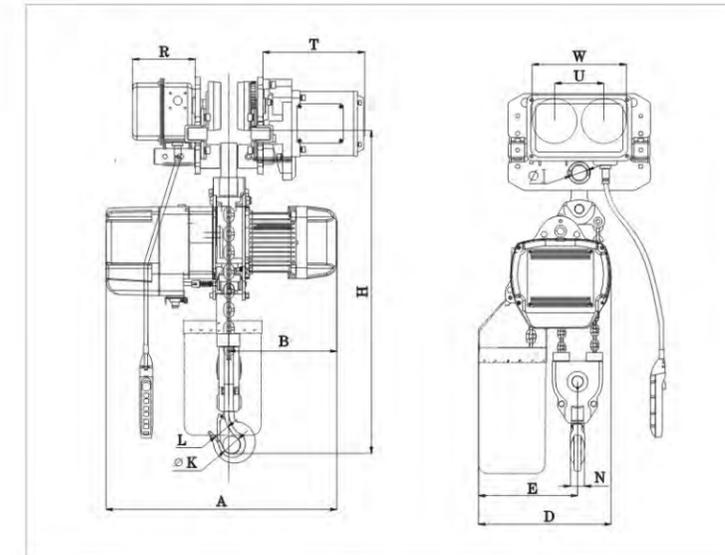
Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor					Trolley Motor			I-Beam (mm)
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	Power (Kw)	Rotation Speed (r/min)	Trolley Speed (m/min)	
HKDM00501-2S	0.5	3	6.8	0.75	1440	3	200-600	50	0.4	1440	11/21	58-153
HKDM0101-2S	1	3	6.6	1.5	1440	3	200-600	50	0.4	1440	11/21	58-153
HKDM0102-2S	1	3	3.4	0.75	1440	3	200-600	50	0.4	1440	11/21	58-153
HKDM01501-2S	1.5	3	8.8	3.0	1440	3	200-600	50	0.4	1440	11/21	58-153
HKDM0201-2S	2	3	6.6	3.0	1440	3	200-600	50	0.4	1440	11/21	82-178
HKDM0202-2S	2	3	3.3	1.5	1440	3	200-600	50	0.4	1440	11/21	82-178
HKDM02501-2S	2.5	3	5.4	3.0	1440	3	200-600	50	0.75	1440	11/21	82-178
HKDM0301-2S	3	3	5.4	3.0	1440	3	200-600	50	0.75	1440	11/21	100-178
HKDM0302-2S	3	3	4.4	3.0	1440	3	200-600	50	0.75	1440	11/21	100-178
HKDM0303-2S	3	3	2.2	1.5	1440	3	200-600	50	0.75	1440	11/21	100-178
HKDM0502-2S	5	3	2.7	3.0	1440	3	200-600	50	0.75	1440	11/21	100-178

**Dual speeds Inverter**

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor					Trolley Motor			I-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-SD	0.5	3	6.8&1.7	0.75	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	58-153
HKDM0101SD-SD	1	3	6.6&1.65	1.5	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	58-153
HKDM0102SD-SD	1	3	3.4&0.85	0.75	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	58-153
HKDM01501SD-SD	1.5	3	8.8&2.2	3.0	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	58-153
HKDM0201SD-SD	2	3	6.6&1.65	3.0	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	82-178
HKDM0202SD-SD	2	3	3.3&0.82	1.5	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	82-178
HKDM02501SD-SD	2.5	3	5.4&1.35	3.0	1440&360	3	200-600	50	0.75&0.18	2880&720	5&20	82-178
HKDM0301SD-SD	3	3	5.4&1.35	3.0	1440&360	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDM0302SD-SD	3	3	4.4&1.1	3.0	1440&360	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDM0303SD-SD	3	3	2.2&0.55	1.5	1440&360	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDM0502SD-SD	5	3	2.7&0.67	3.0	1440&360	3	200-600	50	0.75&0.18	2880&720	5&20	100-178

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

### »» Dimensions



### »» Size Specification

**Single speed**

Type	Capacity (Ton)	Unit (mm)													Diameter x Chain Fall
		H	A	B	D	E	I	K	L	N	W	U	R	T	
HKDM00501S	0.5	525	566	266	285	165	φ31	φ34	25	17	206	111	142	231	φ6.3x1
HKDM0101S	1	520	627	302	300	176	φ31	φ41	32	24	206	111	142	231	φ7.1x1
HKDM0102S	1	580	566	266	285	165	φ31	φ41	32	24	206	111	142	231	φ6.3x2
HKDM01501S	1.5	610	733	343	430	265	φ36	φ49	40	28	237	127	142	231	φ10.0x1
HKDM0201S	2	610	733	343	430	265	φ36	φ49	40	28	237	127	142	231	φ10.0x1
HKDM0202S	2	685	627	302	300	236	φ36	φ49	40	28	237	127	142	231	φ7.1x2
HKDM02501S	2.5	670	733	343	430	265	φ43	φ59	48	34	265	140	142	231	φ11.2x1
HKDM0301S	3	670	733	343	430	265	φ43	φ59	48	34	265	140	142	231	φ11.2x1
HKDM0302S	3	770	733	343	430	320	φ43	φ59	48	34	265	140	142	231	φ10.0x2
HKDM0303S	3	810	627	302	350	205	φ43	φ59	48	34	265	140	142	231	φ7.1x3
HKDM0502S	5	855	733	343	430	325	φ54	φ60	48	42	296	156	142	231	φ11.2x2

**Dual speeds Inverter**

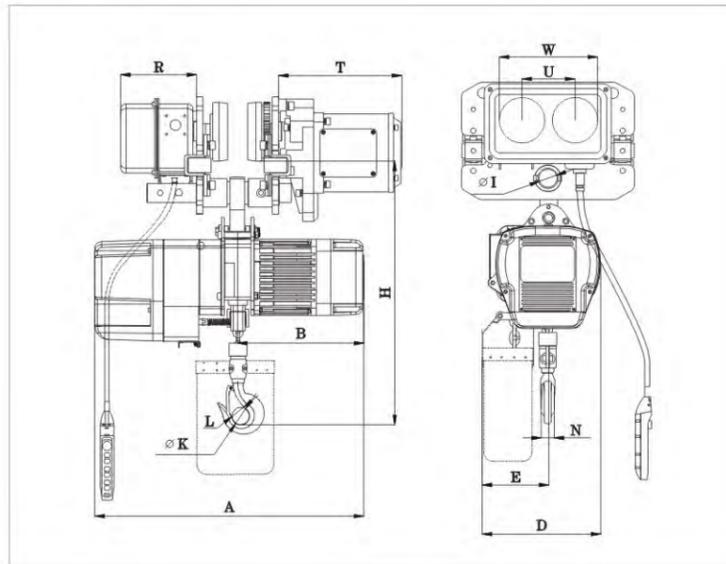
Type	Capacity (Ton)	Unit (mm)													Diameter x Chain Fall
		H	A	B	D	E	I	K	L	N	W	U	R	T	
HKDM00501SD-SD	0.5	525	566	266	285	165	φ31	φ34	25	17	206	111	142	276	φ6.3x1
HKDM0101SD-SD	1	520	627	302	300	176	φ31	φ41	32	24	206	111	142	276	φ7.1x1
HKDM0102SD-SD	1	580	566	266	285	165	φ31	φ35	25	24	206	111	142	276	φ6.3x2
HKDM01501SD-SD	1.5	610	733	343	430	265	φ36	φ49	40	28	237	127	142	276	φ10.0x1
HKDM0201SD-SD	2	610	733	343	430	265	φ36	φ49	40	28	237	127	142	276	φ10.0x1
HKDM0202SD-SD	2	685	627	302	300	236	φ36	φ49	40	28	237	127	142	276	φ7.1x2
HKDM02501SD-SD	2.5	670	733	343	430	265	φ43	φ59	48	34	265	140	142	315	φ11.2x1
HKDM0301SD-SD	3	670	733	343	430	265	φ43	φ59	48	34	265	140	142	315	φ11.2x1
HKDM0302SD-SD	3	770	733	343	430	320	φ43	φ59	48	34	265	140	142	315	φ10.0x2
HKDM0303SD-SD	3	810	627	302	350	205	φ43	φ59	48	34	265	140	142	315	φ7.1x3
HKDM0502SD-SD	5	855	733	343	430	325	φ54	φ60	48	42	296	156	142	315	φ11.2x2



## 7.5Ton

### Hoist with Electric Trolley

#### » Dimensions



#### » Technical Parameters

Single speed Dual speeds Inverter

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor				Trolley Motor			I-Beam (mm)	
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	Power (Kw)	Rotation Speed (r/min)		Trolley Speed (m/min)
HKDM07503-2S	7.5	3	1.8	3.0	1440	3	200-600	50	0.75	1440	11/21	100-178
HKDM07503-2SD-SD	7.5	3	1.8&0.45	3.0	1440&360	3	200-600	50	0.75&0.18	2880&720	5&20	100-178

#### » Size Specification

Single speed Dual speeds Inverter

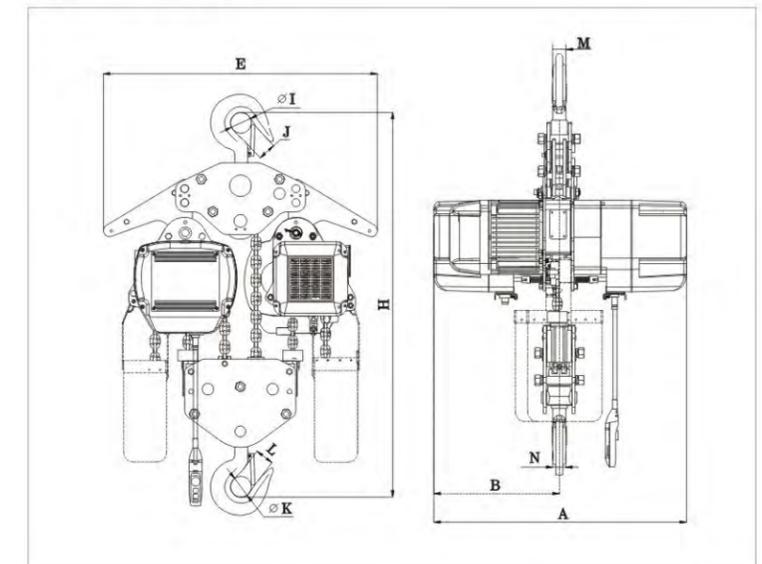
Type	Capacity (Ton)	Unit (mm)														Diameter x Chain Fall	
		H	A	B	D	E	I	J	K	L	M	N	W	U	R		T
HKDM07503-2S	7.5	1070	733	343	505	320	φ54	φ31	φ85	65	85	60	296	156	142	231	φ11.2x3
HKDM07503-2SD-SD	7.5	1070	733	343	505	320	φ54	φ31	φ85	65	85	60	296	156	142	231	φ11.2x3

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

## 10Ton

### Hoist with Hook

#### » Dimensions



#### » Technical Parameters

Single speed Dual speeds Inverter

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)
HKD1004-2S	10	3	2.7	3.0 x 2	1440	3	200-600	50
HKD1004-2SD	10	3	2.7&0.67	3.0 x 2	1440&360	3	200-600	50

#### » Size Specification

Single speed Dual speeds Inverter

Type	Capacity (Ton)	Unit (mm)											Diameter x Chain Fall
		H	A	B	E	I	J	K	L	M	N		
HKD1004-2S	10	1270	780	390	890	φ85	70	φ85	70	104	60	φ11.2x4	
HKD1004-2SD	10	1270	780	390	890	φ85	70	φ85	70	104	60	φ11.2x4	

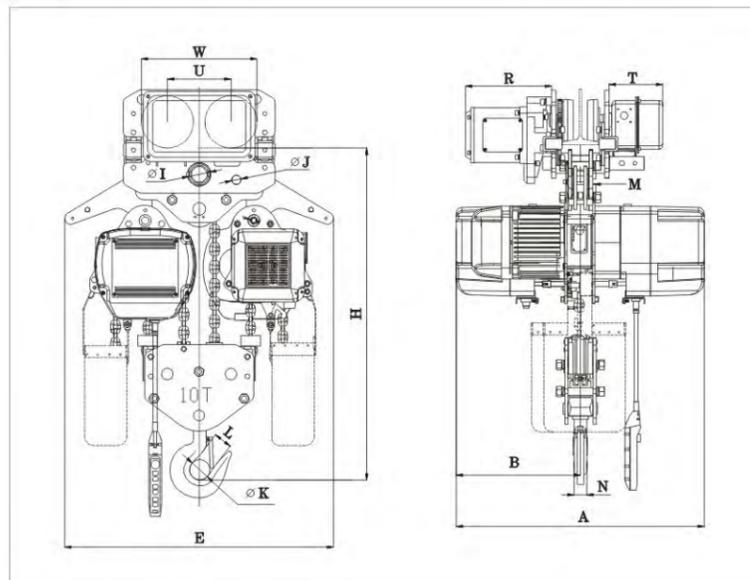
Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2



## 10Ton

### Hoist with Electric Trolley

#### » Dimensions



#### » Technical Parameters

Single speed Dual speeds Inverter

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor					Trolley Motor			I-Beam (mm)
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	Power (Kw)	Rotation Speed (r/min)	Trolley Speed (m/min)	
HKDM1004-2S	10	3	2.7	3.0x2	1440	3	200-600	50	0.75	1440	11/21	150-220
HKDM1004-2SD-SD	10	3	2.7&0.67	3.0x2	1440&360	3	200-600	50	0.75&0.18	2880&720	11/21	150-220

#### » Size Specification

Single speed Dual speeds Inverter

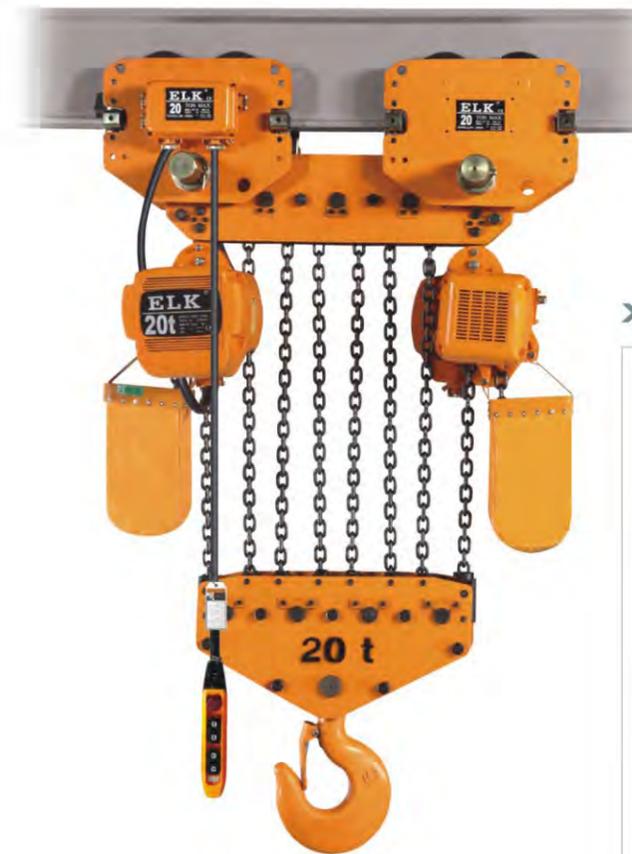
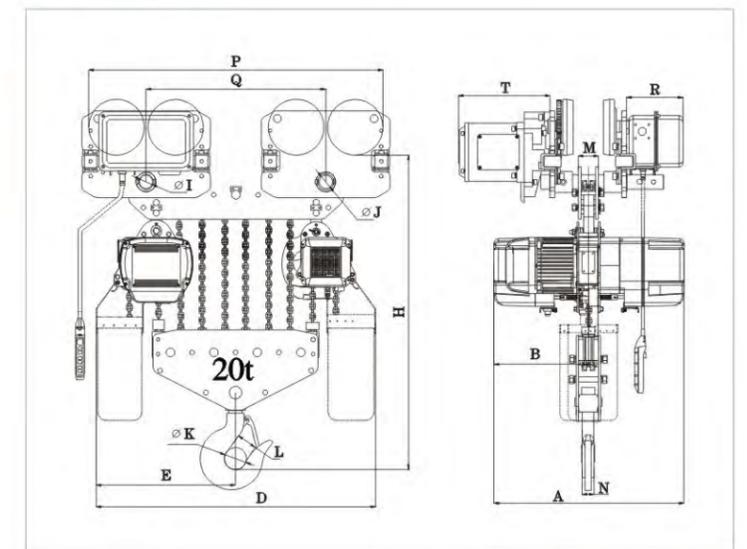
Type	Capacity (Ton)	Unit (mm)														Diameter x Chain Fall
		H	A	B	E	I	J	K	L	M	N	W	U	R	T	
HKDM1004-2S	10	1060	780	390	890	φ70	φ36	φ85	70	85	60	366	191	231	142	φ11.2x4
HKDM1004-2SD-SD	10	1060	780	390	890	φ70	φ36	φ85	70	85	60	366	191	231	142	φ11.2x4

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

## 15/20Ton

### Hoist with Electric Trolley

#### » Dimensions



#### » Technical Parameters

Single speed Dual speeds Inverter

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor					Trolley Motor			I-Beam (mm)
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	Power (Kw)	Rotation Speed (r/min)	Trolley Speed (m/min)	
HKDM1506-2S	15	3	1.8	3.0x2	1440	3	200-600	50	0.75 X 2	1440	11	150-220
HKDM1506-2SD-SD	15	3	1.8&0.45	3.0x2	1440&360	3	200-600	50	(0.75&0.18)x2	2880&720	5&20	150-220
HKDM2008-2S	20	3	1.4	3.0x2	1440	3	200-600	50	0.75 X 2	1440	11	150-220
HKDM2008-2SD-SD	20	3	1.4&0.35	3.0x2	1440&360	3	200-600	50	(0.75&0.18)x2	2880&720	5&20	150-220

#### » Size Specification

Single speed Dual speeds Inverter

Type	Capacity (Ton)	Unit (mm)														Diameter x Chain Fall	
		H	A	B	D	E	I	J	K	L	M	N	P	Q	R		T
HKDM1506-2S	15	1180	780	390	1070	535	φ54	φ54	φ120	96	90	78	856	560	142	231	φ11.2x6
HKDM1506-2SD-SD	15	1180	780	390	1070	535	φ54	φ54	φ120	96	90	78	856	560	142	315	φ11.2x6
HKDM2008-2S	20	1320	780	390	1320	660	φ70	φ70	φ150	115	94	95	1106	740	142	231	φ11.2x8
HKDM2008-2SD-SD	20	1320	780	390	1320	660	φ70	φ70	φ150	115	94	95	1106	740	142	315	φ11.2x8

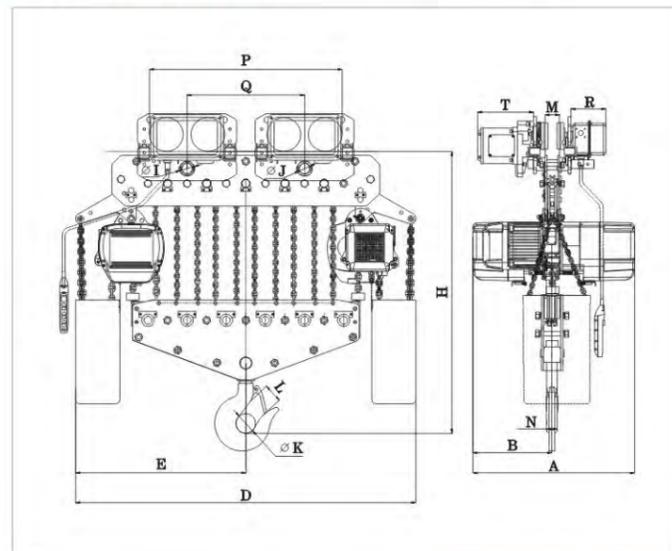
Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2



## 25-35Ton

### Hoist with Electric Trolley

#### » Dimensions



#### » Technical Parameters

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor					Trolley Motor			I-Beam (mm)
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	Power (Kw)	Rotation Speed (r/min)	Trolley Speed (m/min)	
HKDM2510-2S	25	3	1.1	3.0x2	1440	3	200-600	50	0.75x2	1440	11	150-220
HKDM2510-2SD-SD	25	3	1.1&0.28	3.0x2	1440&360	3	200-600	50	(0.75&0.18)x2	2880/720	5&20	150-220
HKDM3012-2S	30	3	0.9	3.0x2	1440	3	200-600	50	0.75x2	1440	11	150-220
HKDM3012-2SD-SD	30	3	0.9&0.23	3.0x2	1440&360	3	200-600	50	(0.75&0.18)x2	2880/720	5&20	150-220
HKDM3514-2S	35	3	0.8	3.0x2	1440	3	200-600	50	0.75x2	1440	11	150-220
HKDM3514-2SD-SD	35	3	0.8&0.2	3.0x2	1440&360	3	200-600	50	(0.75&0.18)x2	2880/720	5&20	150-220

#### » Size Specification

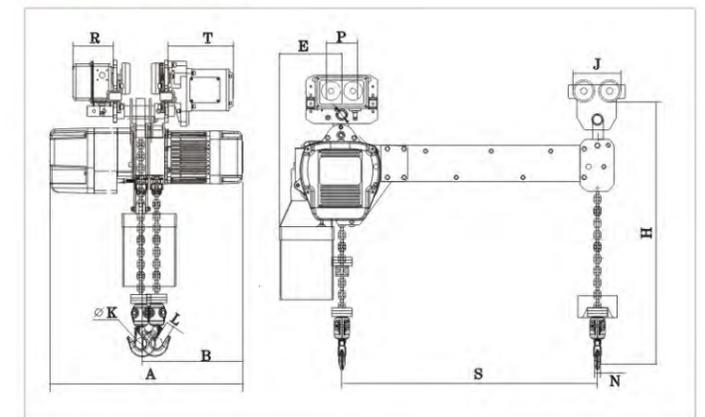
Type	Capacity (Ton)	Unit (mm)														Diameter x Chain Fall	
		H	A	B	D	E	I	J	K	L	M	N	P	Q	R		T
HKDM2510-2S	25	1360	780	390	1510	755	φ70	φ70	φ150	115	94	95	1196	830	142	231	φ11.2x10
HKDM2510-2SD-SD	25	1360	780	390	1510	755	φ70	φ70	φ150	115	94	95	1196	830	142	315	φ11.2x10
HKDM3012-2S	30	1470	780	390	1740	870	φ100	φ100	φ195	140	94	140	936	570	142	231	φ11.2x12
HKDM3012-2SD-SD	30	1470	780	390	1740	870	φ100	φ100	φ195	140	94	140	936	570	142	315	φ11.2x12
HKDM3514-2S	35	1610	780	390	1960	980	φ100	φ100	φ195	140	98	140	1126	760	142	231	φ11.2x14
HKDM3514-2SD-SD	35	1610	780	390	1960	980	φ100	φ100	φ195	140	98	140	1126	760	142	315	φ11.2x14

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

## 500Kg~3Ton

### Hoist with Dual Hooks

#### » Dimensions



The hoist with dual hooks is equipped with a single motor but two hooks. It is widely applied for lifting long objects, or something which will rotate in operation. Two hooks can help to lift the object horizontally and safely. The distance between two hooks will be customized by your requirement.

#### » Technical Parameters

Single speed Dual speeds Inverter

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Power (Kw)	Rotation Speed (r/min)	Lifting Motor			Trolley Motor			I-Beam (mm)
						Phases	Voltage (V)	Frequency (Hz/s)	Power (Kw)	Rotation Speed (r/min)	Trolley Speed (m/min)	
HKDDH005-2S	0.25+0.25	3	6.8	0.75	1440	3	200-600	50	0.4	1440	11/21	58-153
HKDDH05-2SD-SD	0.25+0.25	3	6.8&1.7	0.75	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	58-153
HKDDH01-2S	0.5+0.5	3	6.6	1.5	1440	3	200-600	50	0.4	1440	11/21	58-153
HKDDH01-2SD-SD	0.5+0.5	3	6.6&1.65	1.5	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	58-153
HKDDH02-2S	1+1	3	6.6	3.0	1440	3	200-600	50	0.4	1440	11/21	82-178
HKDDH02-2SD-SD	1+1	3	6.6&1.65	3.0	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	82-178
HKDDH03-2S	1.5+1.5	3	5.4	3.0	1440	3	200-600	50	0.75	1440	11/21	100-178
HKDDH03-2SD-SD	1.5+1.5	3	5.4&1.35	3.0	1440&360	3	200-600	50	0.75&0.18	2880&720	5&20	100-178

#### » Size Specification

Single speed Dual speeds Inverter

Type	Capacity (Ton)	Unit (mm)											Diameter x Chain Fall	
		H	A	B	J	E	N	P	S	K	L	R		T
HKDDH00501-2S	0.25+0.25	400	630	330	90	220	17	206	3000	34	25	142	231	φ6.3x1
HKDDH05-2SD-SD	0.25+0.25	400	630	330	90	220	17	206	3000	34	25	142	276	φ6.3x1
HKDDH01-2S	0.5+0.5	480	700	373	90	220	24	206	3000	41	32	142	231	φ7.1x1
HKDDH01-2SD-SD	0.5+0.5	480	700	373	90	220	24	206	3000	41	32	142	276	φ7.1x1
HKDDH02-2S	1+1	570	826	436	115	265	28	237	3000	49	40	142	231	φ10.0x1
HKDDH02-2SD-SD	1+1	570	826	436	115	265	28	237	3000	49	40	142	276	φ10.0x1
HKDDH03-2S	1.5+1.5	640	826	436	138	265	34	265	3000	59	42	142	231	φ11.2x1
HKDDH03-2SD-SD	1.5+1.5	640	826	436	138	265	34	265	3000	59	42	142	315	φ11.2x1

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

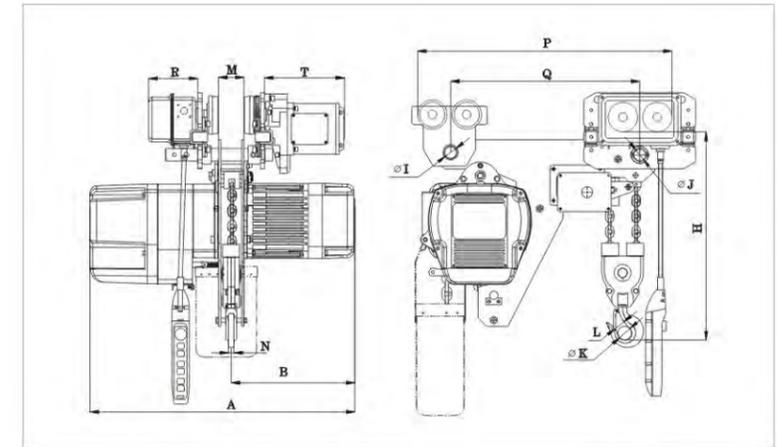


500Kg-10Ton — 20Ton

## Hoist with Low Headroom

The headroom of ultra low headroom electric chain hoist is shorter than that of standard hoist configuration. It is widely applied for a low building or limited space, and maximizes effective lifting usage.

### » Dimensions



### » Technical Parameters

Single speed

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor				Trolley Motor			I-Beam (mm)	
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	Power (Kw)	Rotation Speed (r/min)		Trolley Speed (m/min)
HKDSL00501-2S	0.5	3	6.8	0.75	1440	3	200-600	50	0.4	1440	11/21	58-153
HKDSL0101-2S	1	3	6.6	1.5	1440	3	200-600	50	0.4	1440	11/21	58-153
HKDSL0102-2S	1	3	3.4	0.75	1440	3	200-600	50	0.4	1440	11/21	58-153
HKDSL01501-2S	1.5	3	8.8	3.0	1440	3	200-600	50	0.4	1440	11/21	82-178
HKDSL0201-2S	2	3	6.6	3.0	1440	3	200-600	50	0.4	1440	11/21	82-178
HKDSL0202-2S	2	3	3.3	1.5	1440	3	200-600	50	0.4	1440	11/21	82-178
HKDSL02501-2S	2.5	3	5.4	3.0	1440	3	200-600	50	0.75	1440	11/21	100-178
HKDSL0301-2S	3	3	5.4	3.0	1440	3	200-600	50	0.75	1440	11/21	100-178
HKDSL0302-2S	3	3	4.4	3.0	1440	3	200-600	50	0.75	1440	11/21	100-178
HKDSL0502-2S	5	3	2.7	3.0	1440	3	200-600	50	0.75	1440	11/21	100-178
HKDSL07503-2S	7.5	3	1.8	3.0	1440	3	200-600	50	0.75	1440	11	100-178
HKDSL1004-2S	10	3	2.7	3.0x2	1440	3	200-600	50	0.75x2	1440	11	110-180
HKDSL1506-2S	15	3	1.8	3.0x2	1440	3	200-600	50	0.75x2	1440	11	110-180
HKDSL2008-2S	20	3	1.4	3.0x2	1440	3	200-600	50	0.75x2	1440	11	110-180

### » Size Specification

Single speed

Type	Capacity (Ton)	Unit (mm)													
		H	A	B	K	L	M	N	I	J	P	Q	R	T	
HKDSL00501-2S	0.5	320	566	266	φ 34	25	50	17	φ 26	φ 31	585	400	142	231	φ 6.3x1
HKDSL0101-2S	1	380	627	302	φ 41	32	58	24	φ 26	φ 31	674	445	142	231	φ 7.1x1
HKDSL0102-2S	1	400	566	266	φ 41	32	50	24	φ 26	φ 31	585	400	142	231	φ 6.3x2
HKDSL01501-2S	1.5	520	733	343	φ 49	40	64	28	φ 31	φ 36	734	505	142	231	φ 10.0x1
HKDSL0201-2S	2	520	733	343	φ 49	40	64	28	φ 31	φ 36	734	505	142	231	φ 10.0x1
HKDSL0202-2S	2	485	627	302	φ 49	40	58	28	φ 31	φ 36	674	445	142	231	φ 7.1x2
HKDSL02501-2S	2.5	590	733	343	φ 59	48	71	34	φ 36	φ 43	791	526	142	231	φ 11.2x1
HKDSL0301-2S	3	590	733	343	φ 59	48	71	34	φ 36	φ 43	791	526	142	231	φ 11.2x1
HKDSL0302-2S	3	635	733	343	φ 59	48	64	34	φ 36	φ 43	768	503	142	231	φ 10.0x2
HKDSL0502-2S	5	690	733	343	φ 60	48	75	42	φ 43	φ 54	841	541	142	231	φ 11.2x2
HKDSL07503-2S	7.5	840	733	343	φ 85	65	79	60	φ 43	φ 54	1030	730	142	231	φ 11.2x3
HKDSL1004-2S	10	840	780	390	φ 85	70	84	60	φ 54	φ 54	946	650	142	231	φ 11.2x4
HKDSL1506-2S	15	1180	780	390	φ 120	96	90	78	φ 54	φ 54	1157	866	142	231	φ 11.2x6
HKDSL2008-2S	20	1275	780	390	φ 150	115	94	95	φ 70	φ 70	1396	1030	142	231	φ 11.2x8

### » Technical Parameters

Dual speeds Inverter

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor				Trolley Motor			I-Beam (mm)	
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	Power (Kw)	Rotation Speed (r/min)		Trolley Speed (m/min)
HKDSL00501-2SD-SD	0.5	3	6.8&1.7	0.75	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	58-153
HKDSL0101-2SD-SD	1	3	6.6&1.65	1.5	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	58-153
HKDSL0102-2SD-SD	1	3	3.4&0.85	0.75	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	58-153
HKDSL01501-2SD-SD	1.5	3	8.8&2.2	3.0	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	82-178
HKDSL0201-2SD-SD	2	3	6.6&1.65	3.0	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	82-178
HKDSL0202-2SD-SD	2	3	3.3&0.82	1.5	1440&360	3	200-600	50	0.4&0.1	2880&720	5&20	82-178
HKDSL02501-2SD-SD	2.5	3	5.4&1.35	3.0	1440&360	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDSL0301-2SD-SD	3	3	5.4&1.35	3.0	1440&360	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDSL0302-2SD-SD	3	3	4.4&1.1	3.0	1440&360	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDSL0502-2SD-SD	5	3	2.7&0.67	3.0	1440&360	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDSL07503-2SD-SD	7.5	3	1.8&0.45	3.0	1440&360	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDSL1004-2SD-SD	10	3	2.7&0.67	3.0x2	1440&360	3	200-600	50	(0.75&0.18)x2	2880&720	5&20	110-180
HKDSL1506-2SD-SD	15	3	1.8&0.45	3.0x2	1440&360	3	200-600	50	(0.75&0.18)x2	2880&720	5&20	110-180
HKDSL2008-2SD-SD	20	3	1.4&0.35	3.0x2	1440&360	3	200-600	50	(0.75&0.18)x2	2880&720	5&20	110-180

### » Size Specification

Dual speeds Inverter

Type	Capacity (Ton)	Unit (mm)													
		H	A	B	K	L	M	N	I	J	P	Q	R	T	Chain
HKDSL00501-2SD-SD	0.5	320	566	266	φ 34	25	50	17	φ 26	φ 31	585	400	142	231	φ 6.3x1
HKDSL0101-2SD-SD	1	380	627	302	φ 41	32	58	24	φ 26	φ 31	674	445	142	231	φ 7.1x1
HKDSL0102-2SD-SD	1	400	566	266	φ 41	32	50	24	φ 26	φ 31	585	400	142	231	φ 6.3x2
HKDSL01501-2SD-SD	1.5	520	733	343	φ 49	40	64	28	φ 31	φ 36	734	505	142	231	φ 10.0x1
HKDSL0201-2SD-SD	2	520	733	343	φ 49	40	64	28	φ 31	φ 36	734	505	142	231	φ 10.0x1
HKDSL0202-2SD-SD	2	485	627	302	φ 49	40	58	28	φ 31	φ 36	674	445	142	231	φ 7.1x2
HKDSL02501-2SD-SD	2.5	590	733	343	φ 59	48	71	34	φ 36	φ 43	791	526	142	231	φ 11.2x1
HKDSL0301-2SD-SD	3	590	733	343	φ 59	48	71	34	φ 36	φ 43	791	526	142	231	φ 11.2x1
HKDSL0302-2SD-SD	3	635	733	343	φ 59	48	64	34	φ 36	φ 43	768	503	142	231	φ 10.0x2
HKDSL0502-2SD-SD	5	690	733	343	φ 60	48	75	42	φ 43	φ 54	841	541	142	231	φ 11.2x2
HKDSL07503-2SD-SD	7.5	840	733	343	φ 85	65	79	60	φ 43	φ 54	1030	730	142	231	φ 11.2x3
HKDSL1004-2SD-SD	10	840	780	390	φ 85	70	84	60	φ 54	φ 54	946	650	142	231	φ 11.2x4
HKDSL1506-2SD-SD	15	1180	780	390	φ 120	96	90	78	φ 54	φ 54	1157	866	142	231	φ 11.2x6
HKDSL2008-2SD-SD	20	1275	780	390	φ 150	115	94	95	φ 70	φ 70	1396	1030	142	231	φ 11.2x8

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