

ELK[®]



Safe Reliable and Durable

ELECTRIC CHAIN HOIST

www.kaidahoist.com

SAFE RELIABLE AND DURABLE

ELK®



35t

Between heaven and earth

Brave something

Every minute

ELK® electric chain hoist

to create new value

Up new height

Grasp the advanced science and technology the rhythm

Starting in high

With the practical, honest, real hard

And get the quality system authentication

More attain electric field higher realm

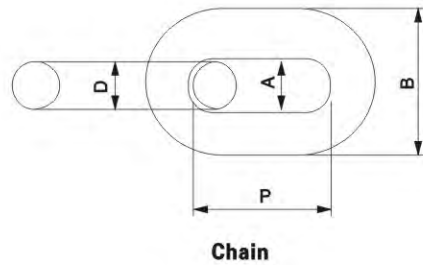
.....

CONTENTS

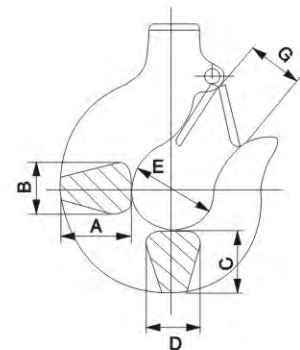
Product code, hook & chain details	01
Product structure	02
500Kg~5Ton Hoist with Hook	03
500Kg~5Ton Hoist with Manual Trolley	05
500Kg~5Ton Hoist with Electric Trolley	07
7.5Ton Hoist with Electric Trolley	09
10Ton Hoist with Hook	10
10Ton Hoist with Electric Trolley	11
15Ton Hoist with Electric Trolley	12
20&25Ton Hoist with Electric Trolley	13
30&35Ton Hoist with Bolts	14
500Kg~10Ton Hoist with Low Headroom	15
500Kg~10Ton Electric Trolley	17
500Kg~5Ton Manual Trolley	18
Single&Double-Track Power Trolley	19
Hoist Accessories	20



CE SGS



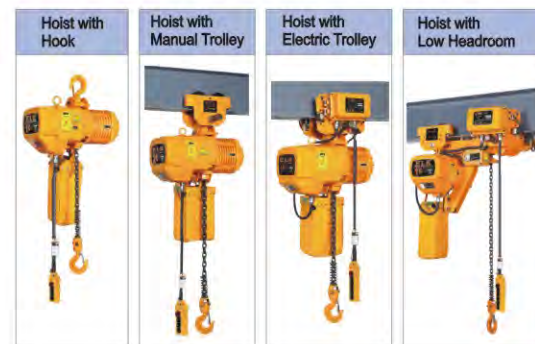
Applicable Type	Diameter (mm) D	Inside length (mm) P	Inside width (mm) A	Outside width (mm) B	Work load (kg)	Guaranteed load (KN)	Break load (KN)
HKD00501 HKD0102	6.3	19	7.9	22	1120	27	47
HKD0101 HKD0202 HKD0303	7.1	21	8.9	25	1600	37	61.6
HKD01501 HKD0201 HKD0302	10.0	30	12.5	35	3200	76	125
HKD02501 HKD0301 HKD0502 HKD07503 HKD1004 HKD1506 HKD2008 HKD2508 HKD3010 HKD3512	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	27
	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	65
	10	T	B	82	55	80	48	85	70
	15	B		110	78	120	80	120	96
	20, 25	B		142	95	155	98	150	115
	35	B		230	150	230	150	195	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 M 01 01 S - SD



Type	Capacity
H	Manual Trolley
M	Electric Trolley
SL	Low Headroom

Chain Falls

Lifting Speed	
S	Single Speed
SD	Dual speeds

E-trolley Speed

S	Single Speed
SD	Dual speeds

» **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 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.

» **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 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 (3m) Hand switch (1)



500Kg~5Ton

Hoist with Hook

Shell: Light aluminum alloy shell shall be adopted which is light but hard and fit for the use in the terrible work environment with a high heat dissipation rate and all tightness design.

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.

24V&36V device: it is used to prohibit the emergencies from occurring in case of the leakage in the switch.

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

Chain bag: It shall be light, handsome and durable.

Chain: The chain shall adopt the Japan FEC80 ultra heat-treatable steel alloy chain.

» Technical Parameters

Single speed

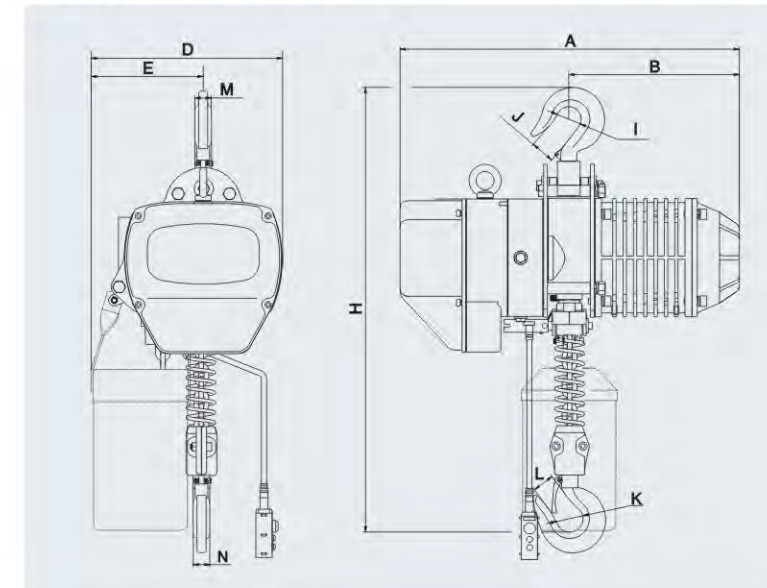
Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor				
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)
HKD00501S	0.5	3	6.8	0.75	1440	3	200-600	50
HKD0101S	1	3	6.6	1.5	1440	3	200-600	50
HKD0102S	1	3	3.4	0.75	1440	3	200-600	50
HKD01501S	1.5	3	8.8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

Dual speeds

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	3	6.9&2.3	0.75&0.25	2880&960	3	200-600	50
HKD0101SD	1	3	6.9&2.3	1.5&0.5	2880&960	3	200-600	50
HKD0102SD	1	3	3.3&1.1	0.75&0.25	2880&960	3	200-600	50
HKD01501SD	1.5	3	8.9&2.9	3.0&1.0	2880&960	3	200-600	50
HKD0201SD	2	3	6.9&2.3	3.0&1.0	2880&960	3	200-600	50
HKD0202SD	2	3	3.3&1.1	1.5&0.5	2880&960	3	200-600	50
HKD02501SD	2.5	3	5.4&1.8	3.0&1.0	2880&960	3	200-600	50
HKD0301SD	3	3	5.4&1.8	3.0&1.0	2880&960	3	200-600	50
HKD0302SD	3	3	4.5&1.5	3.0&1.0	2880&960	3	200-600	50
HKD0303SD	3	3	2.3&0.8	1.5&0.5	2880&960	3	200-600	50
HKD0502SD	5	3	2.7&0.9	3.0&1.0	2880&960	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)											
		H	A	B	D	E	I	J	K	L	M	N	Chain
HKD00501S	0.5	540	455	240	285	165	φ35	27	φ34	25	17	17	φ6.3
HKD0101S	1	650	520	260	300	176	φ42	32	φ42	32	24	24	φ7.1
HKD0102S	1	575	455	240	285	165	φ42	32	φ34	32	24	24	φ6.3
HKD01501S	1.5	800	615	300	430	265	φ49	40	φ49	40	28	28	φ10.0
HKD0201S	2	800	615	300	430	265	φ49	40	φ49	40	28	28	φ10.0
HKD0202S	2	835	520	260	300	236	φ49	40	φ49	40	28	28	φ7.1
HKD02501S	2.5	845	615	300	430	265	φ59	48	φ59	48	34	34	φ11.2
HKD0301S	3	845	615	300	430	265	φ59	48	φ59	48	34	34	φ11.2
HKD0302S	3	950	615	300	430	320	φ59	48	φ59	48	34	34	φ10.0
HKD0303S	3	950	520	260	350	205	φ59	48	φ59	48	34	34	φ7.1
HKD0502S	5	1030	615	300	430	325	φ60	48	φ60	48	42	42	φ11.2

Dual speeds

Type	Capacity (Ton)	Unit (mm)											
		H	A	B	D	E	I	J	K	L	M	N	Chain
HKD00501SD	0.5	540	545	260	285	165	φ35	27	φ34	25	17	17	φ6.3
HKD0101SD	1	650	582	280	300	176	φ42	32	φ42	32	24	24	φ7.1
HKD0102SD	1	575	545	260	285	165	φ35	27	φ35	25	24	24	φ6.3
HKD01501SD	1.5	800	670	320	430	265	φ49	40	φ49	40	28	28	φ10.0
HKD0201SD	2	800	670	320	430	265	φ49	40	φ49	40	28	28	φ10.0
HKD0202SD	2	835	582	280	300	236	φ49	40	φ49	40	28	28	φ7.1
HKD02501SD	2.5	845	670	320	430	265	φ59	48	φ59	48	34	34	φ11.2
HKD0301SD	3	845	670	320	430	265	φ59	48	φ59	48	34	34	φ11.2
HKD0302SD	3	950	670	320	430	320	φ59	48	φ59	48	34	34	φ10.0
HKD0303SD	3	950	582	280	350	205	φ59	48	φ59	48	34	34	φ7.1
HKD0502SD	5	1030	670	320	430	325	φ60	48	φ60	48	42	42	φ11.2



500Kg~5Ton

Hoist with Manual Trolley

Shell: Light aluminum alloy shell shall be adopted which is light but hard and fit for the use in the terrible work environment with a high heat dissipation rate and all tightness design.

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.

24V&36V device: it is used to prohibit the emergencies from occurring in case of the leakage in the switch.

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

Chain bag: It shall be light, handsome and durable.

Chain: The chain shall adopt the Japan FEC80 ultra heat-treatable steel alloy chain.

» Technical Parameters

Single speed

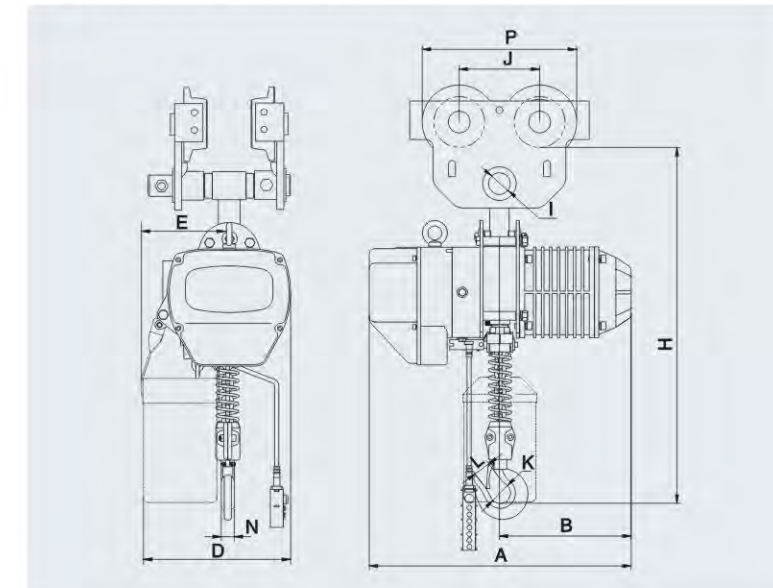
Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor					I-Beam (mm)
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	
HKDH00501S	0.5	3	6.8	0.75	1440	3	200-600	50	68-130
HKDH0101S	1	3	6.6	1.5	1440	3	200-600	50	68-130
HKDH0102S	1	3	3.4	0.75	1440	3	200-600	50	68-130
HKDH01501S	1.5	3	8.8	3.0	1440	3	200-600	50	82-153
HKDH0201S	2	3	6.6	3.0	1440	3	200-600	50	82-153
HKDH0202S	2	3	3.3	1.5	1440	3	200-600	50	82-153
HKDH02501S	2.5	3	5.4	3.0	1440	3	200-600	50	82-153
HKDH0301S	3	3	5.4	3.0	1440	3	200-600	50	82-153
HKDH0302S	3	3	4.4	3.0	1440	3	200-600	50	82-153
HKDH0303S	3	3	2.2	1.5	1440	3	200-600	50	82-153
HKDH0502S	5	3	2.7	3.0	1440	3	200-600	50	100-178

Dual speeds

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)	
HKDH00501SD	0.5	3	6.9&2.3	0.75&0.25	2880&960	3	200-600	50	68-130
HKDH0101SD	1	3	6.9&2.3	1.5&0.5	2880&960	3	200-600	50	68-130
HKDH0102SD	1	3	3.3&1.1	0.75&0.25	2880&960	3	200-600	50	68-130
HKDH01501SD	1.5	3	8.9&2.9	3.0&1.0	2880&960	3	200-600	50	82-153
HKDH0201SD	2	3	6.9&2.3	3.0&1.0	2880&960	3	200-600	50	82-153
HKDH0202SD	2	3	3.3&1.1	1.5&0.5	2880&960	3	200-600	50	82-153
HKDH02501SD	2.5	3	5.4&1.8	3.0&1.0	2880&960	3	200-600	50	82-153
HKDH0301SD	3	3	5.4&1.8	3.0&1.0	2880&960	3	200-600	50	82-153
HKDH0302SD	3	3	4.5&1.5	3.0&1.0	2880&960	3	200-600	50	82-153
HKDH0303SD	3	3	2.3&0.8	1.5&0.5	2880&960	3	200-600	50	82-153
HKDH0502SD	5	3	2.7&0.9	3.0&1.0	2880&960	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)											
		H	A	B	D	E	K	L	N	I	J	P	Chain
HKDH00501S	0.5	555	455	240	285	165	φ34	25	17	φ26	90	164	φ6.3
HKDH0101S	1	635	520	260	300	176	φ42	32	24	φ26	90	164	φ7.1
HKDH0102S	1	630	455	240	285	165	φ42	32	24	φ26	90	164	φ6.3
HKDH01501S	1.5	764	615	300	430	265	φ49	40	28	φ31	115	221	φ10.0
HKDH0201S	2	764	615	300	430	265	φ49	40	28	φ31	115	221	φ10.0
HKDH0202S	2	800	520	260	300	236	φ49	40	28	φ31	115	221	φ7.1
HKDH02501S	2.5	854	615	300	430	265	φ59	48	34	φ36	138	265	φ11.2
HKDH0301S	3	854	615	300	430	265	φ59	48	34	φ36	138	265	φ11.2
HKDH0302S	3	960	615	300	430	320	φ59	48	34	φ36	138	265	φ10.0
HKDH0303S	3	968	520	260	350	205	φ59	48	34	φ36	138	265	φ7.1
HKDH0502S	5	1007	615	300	430	325	φ60	48	42	φ43	157	304	φ11.2

Dual speeds

Type	Capacity (Ton)	Unit (mm)											
		H	A	B	D	E	K	L	N	I	J	P	Chain
HKDH00501SD	0.5	555	545	260	285	165	φ34	25	17	φ26	90	164	φ6.3
HKDH0101SD	1	635	582	280	300	176	φ42	32	24	φ26	90	164	φ7.1
HKDH0102SD	1	630	545	260	285	165	φ42	32	24	φ26	90	164	φ6.3
HKDH01501SD	1.5	764	670	320	430	265	φ49	40	28	φ31	115	221	φ10.0
HKDH0201SD	2	764	670	320	430	265	φ49	40	28	φ31	115	221	φ10.0
HKDH0202SD	2	800	582	280	300	236	φ49	40	28	φ31	115	221	φ7.1
HKDH02501SD	2.5	854	670	320	430	265	φ59	48	34	φ36	138	265	φ11.2
HKDH0301SD	3	854	670	320	430	265	φ59	48	34	φ36	138	265	φ11.2
HKDH0302SD	3	960	670	320	430	320	φ59	48	34	φ36	138	265	φ10.0
HKDH0303SD	3	968	582	280	350	205	φ59	48	34	φ36	138	265	φ7.1
HKDH0502SD	5	1007	670	320	430	325	φ60	48	42	φ43	157	304	φ11.2



500Kg~5Ton

Hoist with Electric Trolley

Shell: Light aluminum alloy shell shall be adopted which is light but hard and fit for the use in the terrible work environment with a high heat dissipation rate and all tightness design.

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.

24V&36V device: it is used to prohibit the emergencies from occurring in case of the leakage in the switch.

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

Chain bag: It shall be light, handsome and durable.

Chain: The chain shall adopt the Japan FEC80 ultra heat-treatable steel alloy chain.

» Technical Parameters

Single speed

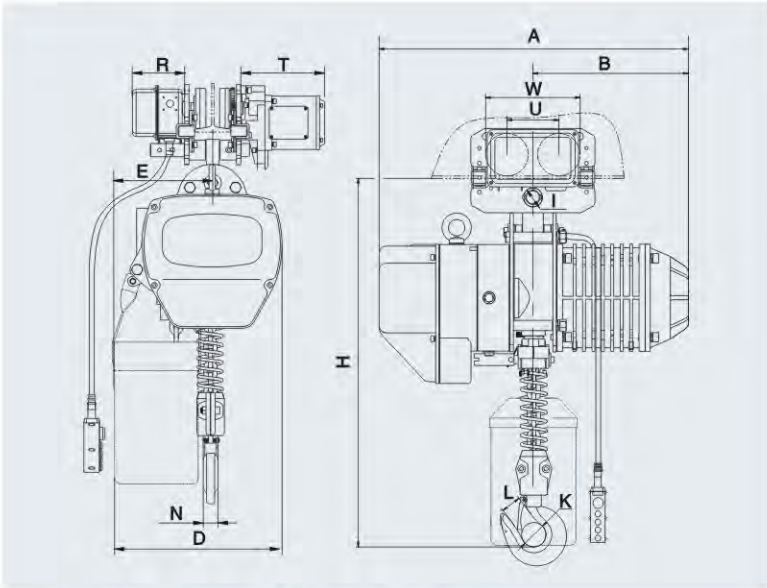
Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor					Trolley Motor			I-Beam (mm)
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	Power (Kw)	Rotation Speed (r/min)	Trolley Speed (m/min)	
HKDM00501S	0.5	3	6.8	0.75	1440	3	200-600	50	0.4	1440	11&21	58-153
HKDM0101S	1	3	6.6	1.5	1440	3	200-600	50	0.4	1440	11&21	58-153
HKDM0102S	1	3	3.4	0.75	1440	3	200-600	50	0.4	1440	11&21	58-153
HKDM01501S	1.5	3	8.8	3.0	1440	3	200-600	50	0.4	1440	11&21	82-178
HKDM0201S	2	3	6.6	3.0	1440	3	200-600	50	0.4	1440	11&21	82-178
HKDM0202S	2	3	3.3	1.5	1440	3	200-600	50	0.4	1440	11&21	82-178
HKDM02501S	2.5	3	5.4	3.0	1440	3	200-600	50	0.75	1440	11&21	100-178
HKDM0301S	3	3	5.4	3.0	1440	3	200-600	50	0.75	1440	11&21	100-178
HKDM0302S	3	3	4.4	3.0	1440	3	200-600	50	0.75	1440	11&21	100-178
HKDM0303S	3	3	2.2	1.5	1440	3	200-600	50	0.75	1440	11&21	100-178
HKDM0502S	5	3	2.7	3.0	1440	3	200-600	50	0.75	1440	11&21	100-178

Dual speeds

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	6.9&2.3	0.75&0.25	2880&960	3	200-600	50	0.4&0.1	2880&720	5&20	58-153
HKDM0101SD-SD	1	3	6.9&2.3	1.5&0.5	2880&960	3	200-600	50	0.4&0.1	2880&720	5&20	58-153
HKDM0102SD-SD	1	3	3.3&1.1	0.75&0.25	2880&960	3	200-600	50	0.4&0.1	2880&720	5&20	58-153
HKDM01501SD-SD	1.5	3	8.9&2.9	3.0&1.0	2880&960	3	200-600	50	0.4&0.1	2880&720	5&20	82-178
HKDM0201SD-SD	2	3	6.9&2.3	3.0&1.0	2880&960	3	200-600	50	0.4&0.1	2880&720	5&20	82-178
HKDM0202SD-SD	2	3	3.3&1.1	1.5&0.5	2880&960	3	200-600	50	0.4&0.1	2880&720	5&20	82-178
HKDM02501SD-SD	2.5	3	5.4&1.8	3.0&1.0	2880&960	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDM0301SD-SD	3	3	5.4&1.8	3.0&1.0	2880&960	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDM0302SD-SD	3	3	4.5&1.5	3.0&1.0	2880&960	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDM0303SD-SD	3	3	2.3&0.8	1.5&0.5	2880&960	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDM0502SD-SD	5	3	2.7&0.9	3.0&1.0	2880&960	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)													
		H	A	B	D	E	I	K	L	N	W	U	R	T	Chain
HKDM00501S	0.5	610	455	240	285	165	φ31	φ34	25	17	206	111	142	231	φ6.3
HKDM0101S	1	650	520	260	300	176	φ31	φ42	32	24	206	111	142	231	φ7.1
HKDM0102S	1	665	455	240	285	165	φ31	φ42	32	24	206	111	142	231	φ6.3
HKDM01501S	1.5	770	615	300	430	265	φ36	φ49	40	28	237	127	142	231	φ10.0
HKDM0201S	2	770	615	300	430	265	φ36	φ49	40	28	237	127	142	231	φ10.0
HKDM0202S	2	815	520	260	300	236	φ36	φ49	40	28	237	127	142	231	φ7.1
HKDM02501S	2.5	830	615	300	430	265	φ43	φ59	48	34	265	140	142	231	φ11.2
HKDM0301S	3	830	615	300	430	265	φ43	φ59	48	34	265	140	142	231	φ11.2
HKDM0302S	3	930	615	300	430	320	φ43	φ59	48	34	265	140	142	231	φ10.0
HKDM0303S	3	940	520	260	350	205	φ43	φ59	48	34	265	140	142	231	φ7.1
HKDM0502S	5	1015	615	300	430	325	φ54	φ60	48	42	296	156	142	231	φ11.2

Dual speeds

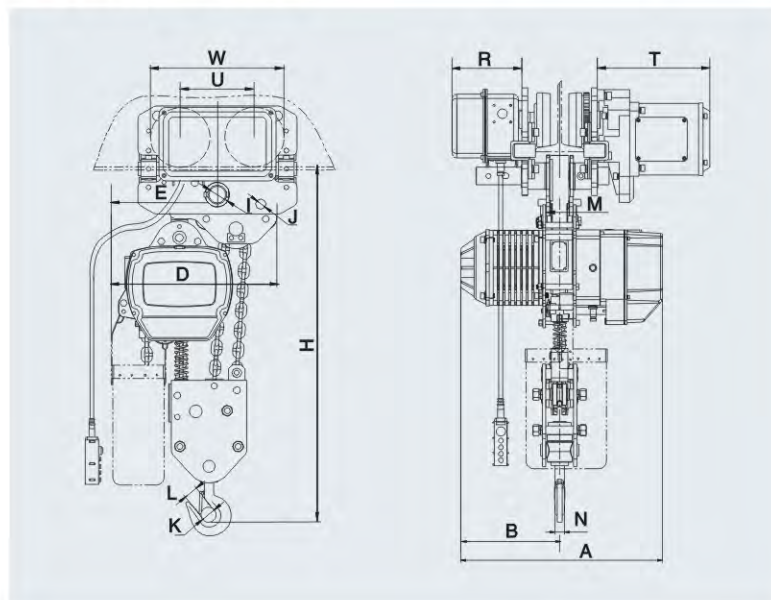
Type	Capacity (Ton)	Unit (mm)													
		H	A	B	D	E	I	K	L	N	W	U	R	T	Chain
HKDM00501SD	0.5	610	545	260	285	165	φ31	φ34	25	17	206	111	142	276	φ6.3
HKDM0101SD	1	650	582	280	300	176	φ31	φ42	32	24	206	111	142	276	φ7.1
HKDM0102SD	1	665	545	260	285	165	φ31	φ42	32	24	206	111	142	276	φ6.3
HKDM01501SD	1.5	770	670	320	430	265	φ36	φ49	40	28	237	127	142	276	φ10.0
HKDM0201SD	2	770	670	320	430	265	φ36	φ49	40	28	237	127	142	276	φ10.0
HKDM0202SD	2	815	582	280	300	236	φ36	φ49	40	28	237	127	142	276	φ7.1
HKDM02501SD	2.5	830	670	320	430	265	φ43	φ59	48	34	265	140	142	315	φ11.2
HKDM0301SD	3	830	670	320	430	265	φ43	φ59	48	34	265	140	142	315	φ11.2
HKDM0302SD	3	930	670	320	430	320	φ43	φ59	48	34	265	140	142	315	φ10.0
HKDM0303SD	3	940	582	280	350	205	φ43	φ59	48	34	265	140	142	315	φ7.1
HKDM0502SD	5	1015	670	320	430	325	φ54	φ60	48	42	296	156	142	315	φ11.2



7.5 Ton

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)	
HKDM07503S	7.5	3	1.8	3.0	1440	3	200-600	50	0.75	1440	11&21	100-178
HKDM07503SD-SD	7.5	3	1.8&0.6	3.0&1.0	2880&960	3	200-600	50	0.75&0.18	2880&720	5&20	100-178

» Size Specification

Type	Capacity (Ton)	Unit (mm)															
		H	A	B	D	E	I	J	K	L	M	N	W	U	R	T	Chain
HKDM07503S	7.5	1200	615	295	505	320	φ 54	φ 31	φ 85	65	85	60	295	156	142	231	φ 11.2
HKDM07503SD-SD	7.5	1200	670	320	505	320	φ 54	φ 31	φ 85	65	85	60	295	156	142	315	φ 11.2

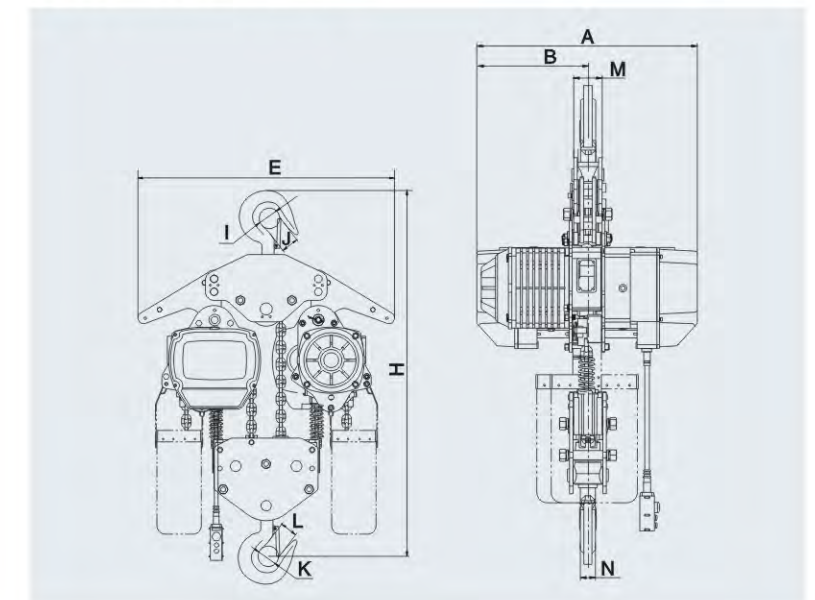
Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2



10 Ton

Hoist with Hook

» Dimensions



» Technical Parameters

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)
HKD1004S	10	3	2.7	3.0 x 2	1440	3	200-600	50
HKD1004SD	10	3	2.7&0.9	(3.0&1.0)x2	2880&960	3	200-600	50

» Size Specification

Type	Capacity (Ton)	Unit (mm)										
		H	A	B	E	I	J	K	L	M	N	Chain
HKD1004S	10	1400	630	315	890	φ85	70	φ85	70	104	60	φ 11.2
HKD1004SD	10	1400	700	350	890	φ85	70	φ85	70	104	60	φ 11.2

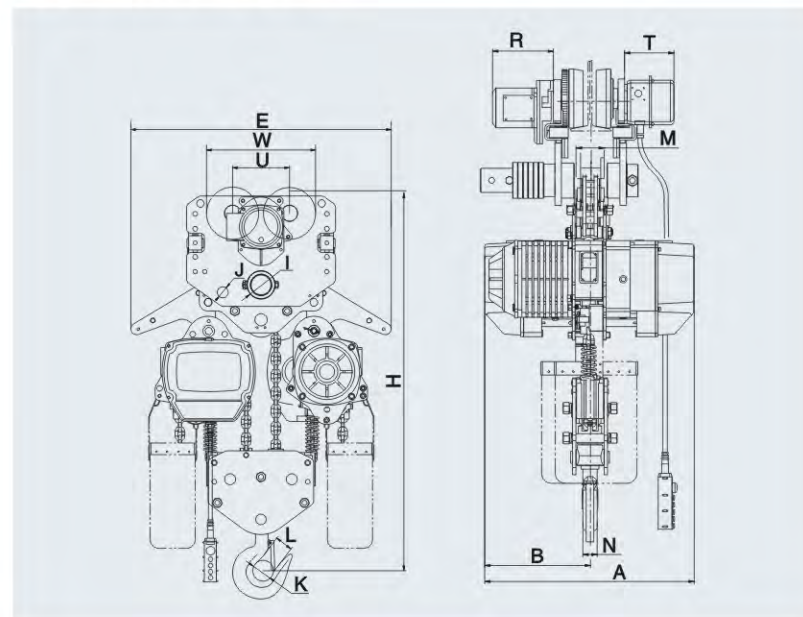
Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2



10 Ton

Hoist with Electric Trolley

» Dimensions



» Technical Parameters

Single speed Dual speeds

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)	
HKDM1004S	10	3	2.7	3.0x2	1440	3	200-600	50	0.75	1440	11&21	150-220
HKDM1004SD-SD	10	3	2.7&0.9	(3.0&1.0)x2	2880&960	3	200-600	50	0.75&0.18	2880&720	5&20	150-220

» Size Specification

Single speed Dual speeds

Type	Capacity (Ton)	Unit (mm)														
		H	A	B	E	I	J	K	L	M	N	W	U	R	T	Chain
HKDM1004S	10	1190	630	315	890	φ70	φ36	φ85	70	85	60	366	191	231	142	φ11.2
HKDM1004SD-SD	10	1190	700	350	890	φ70	φ36	φ85	70	85	60	366	191	315	142	φ11.2

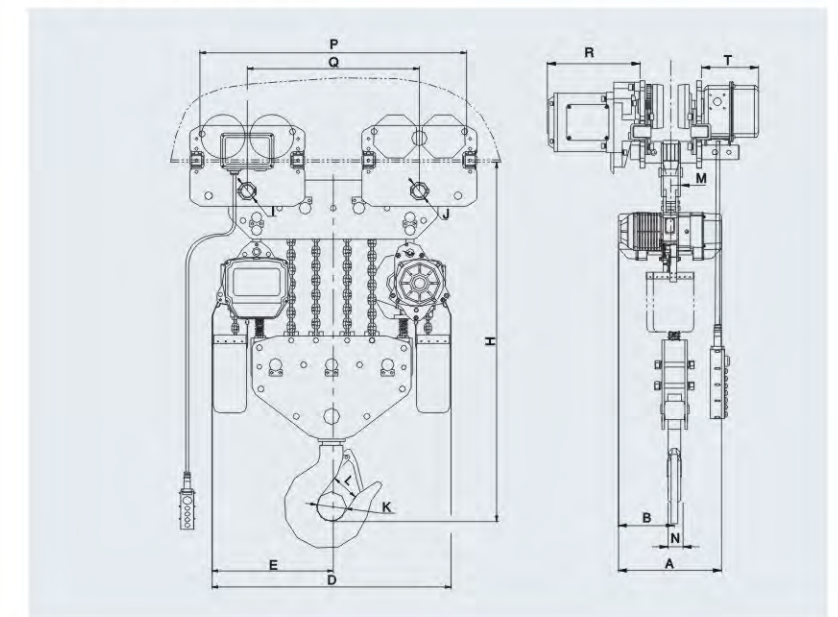
Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2



15 Ton

Hoist with Electric Trolley

» Dimensions



» Technical Parameters

Single speed Dual speeds

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)	
HKDM1506S	15	3	1.8	3.0x2	1440	3	200-600	50	0.75 X 2	1440	11	150-220
HKDM1506SD-SD	15	3	1.8&0.6	(3.0&1.0)x2	2880&960	3	200-600	50	(0.75&0.18)x2	2880&720	5&20	150-220

» Size Specification

Single speed Dual speeds

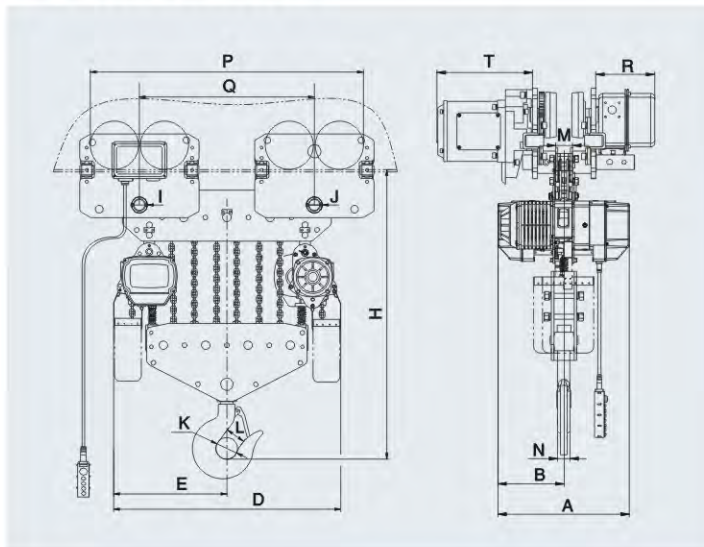
Type	Capacity (Ton)	Unit (mm)														
		H	A	B	D	E	I	J	K	L	M	N	P	Q	R	Chain
HKDM1506S	15	1310	630	315	1070	535	φ54	φ54	φ120	96	90	78	856	560	142	φ11.2
HKDM1506SD-SD	15	1310	700	350	1070	535	φ54	φ54	φ120	96	90	78	856	560	142	φ11.2

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

20&25 Ton

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)	
HKDM2008S	20	3	1.4	3.0 x 2	1440	3	200-600	50	0.75 x 2	1440	11	150-220
HKDM2008SD-SD	20	3	1.5&0.5	(3.0&1.0)x2	2880&960	3	200-600	50	(0.75&0.18)x2	2880&720	5&20	150-220
HKDM2508S	25	3	1.3	3.0 x 2	1440	3	200-600	50	0.75 x 2	1440	11	150-220
HKDM2508SD-SD	25	3	1.2&0.4	(3.0&1.0)x2	2880&960	3	200-600	50	(0.75&0.18)x2	2880&720	5&20	150-220

» Size Specification

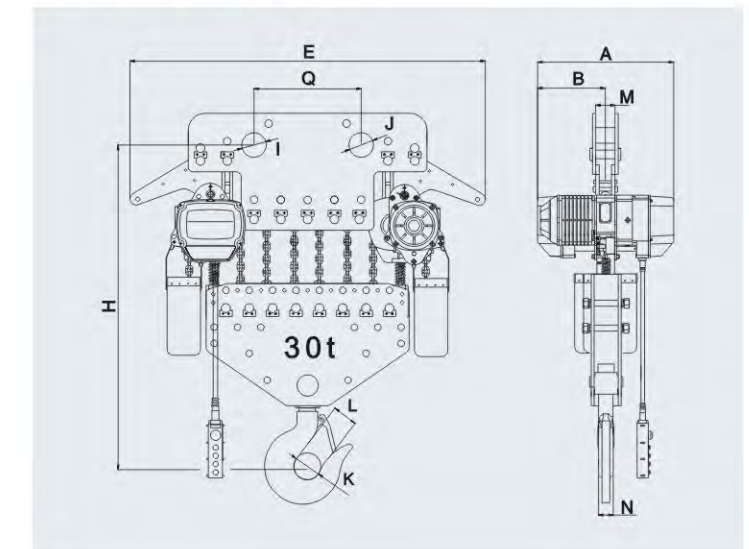
Type	Capacity (Ton)	Unit (mm)															
		H	A	B	D	E	I	J	K	L	M	N	P	Q	R	T	Chain
HKDM2008S	20	1470	630	315	1320	660	φ 70	φ 70	φ 150	115	94	95	1106	740	142	231	φ 11.2
HKDM2008SD-SD	20	1470	670	388	1320	660	φ 70	φ 70	φ 150	115	94	95	1106	740	142	315	φ 11.2
HKDM2508S	25	1470	630	315	1320	660	φ 70	φ 70	φ 150	115	94	95	1106	740	142	231	φ 11.2
HKDM2508SD-SD	25	1470	670	388	1320	660	φ 70	φ 70	φ 150	115	94	95	1106	740	142	315	φ 11.2

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

30&35 Ton

Hoist with Bolts

» Dimensions



» Technical Parameters

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)	
HKD3010S	30	3	1.0	3.0 x 2	1440	3	200-600	50	
HKD3010SD	30	3	1.1&0.35	(3.0&1.0)x2	2880&960	3	200-600	50	
HKD3512S	35	3	0.9	3.0 x 2	1440	3	200-600	50	
HKD3512SD	35	3	0.9&0.3	(3.0&1.0)x2	2880&960	3	200-600	50	

» Size Specification

Type	Capacity (Ton)	Unit (mm)													
		H	A	B	E	I	J	K	L	M	N				
HKD3010S	30	1470	630	315	1260	φ100	φ100	φ195	140	222	140				
HKD3010SD	30	1470	700	350	1260	φ100	φ100	φ195	140	222	140				
HKD3512S	35	1640	630	315	1510	φ100	φ100	φ195	140	222	140				
HKD3512SD	35	1640	700	350	1510	φ100	φ100	φ195	140	222	140				

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



500Kg~10Ton

Hoist with Low Headroom

It is typical of unique optimal structure in shortening the distance between the machine body and the beam tracks, applicable to operations inside fairly low buildings, especially suitable for use in temporarily erected plant buildings or on the sites where expansion of effective hoisting spaces inside the buildings is required.

» 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)	
HKDSL00501S	0.5	3	6.8	0.75	1440	3	200-600	50	0.4	1440	11&21	58-153
HKDSL0101S	1	3	6.6	1.5	1440	3	200-600	50	0.4	1440	11&21	58-153
HKDSL01501S	1.5	3	8.8	3.0	1440	3	200-600	50	0.4	1440	11&21	82-178
HKDSL0201S	2	3	6.6	3.0	1440	3	200-600	50	0.4	1440	11&21	82-178
HKDSL0202S	2	3	3.3	1.5	1440	3	200-600	50	0.4	1440	11&21	82-178
HKDSL02501S	2.5	3	5.4	3.0	1440	3	200-600	50	0.75	1440	11&21	100-178
HKDSL0301S	3	3	5.4	3.0	1440	3	200-600	50	0.75	1440	11&21	100-178
HKDSL0302S	3	3	4.4	3.0	1440	3	200-600	50	0.75	1440	11&21	100-178
HKDSL0502S	5	3	2.7	3.0	1440	3	200-600	50	0.75	1440	11&21	100-178
HKDSL07503S	7.5	3	1.8	3.0	1440	3	200-600	50	0.75	1440	11&21	100-178
HKDSL1004S	10	3	2.7	3.0×2	1440	3	200-600	50	0.75×2	1440	11&21	110-180

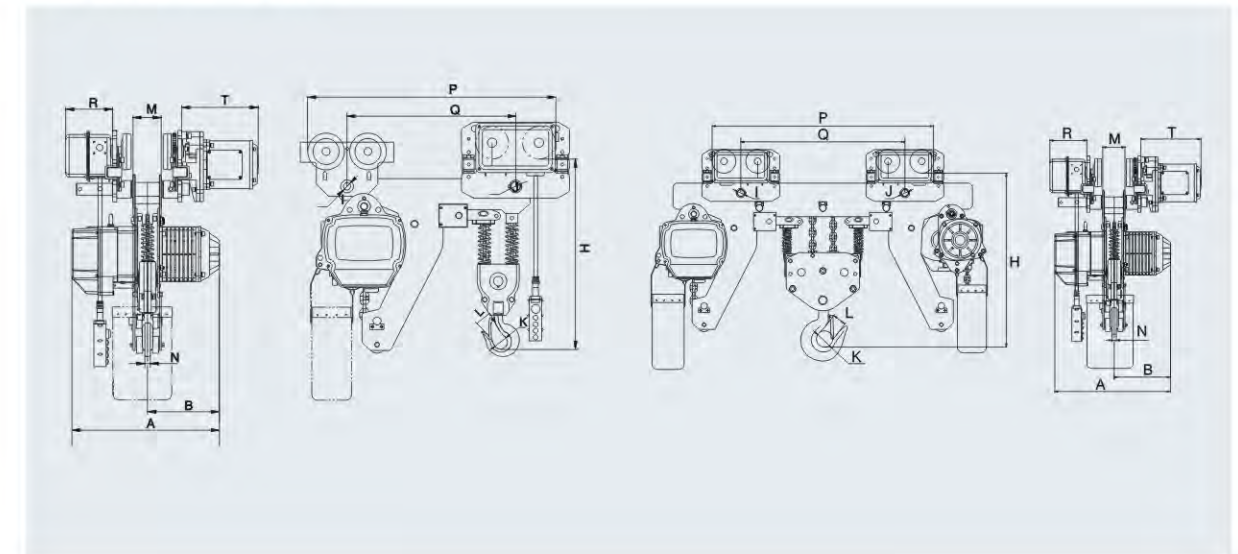
» Technical Parameters

Dual speeds

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)	
HKDSL00501SD-SD	0.5	3	6.9&2.3	0.75&0.25	2880&960	3	200-600	50	0.4&0.1	2880&720	5&20	58-153
HKDSL0101SD-SD	1	3	6.9&2.3	0.75&0.25	2880&960	3	200-600	50	0.4&0.1	2880&720	5&20	58-153
HKDSL01501SD-SD	1.5	3	8.9&2.9	3.0&1.0	2880&960	3	200-600	50	0.4&0.1	2880&720	5&20	82-178
HKDSL0201SD-SD	2	3	6.9&2.3	3.0&1.0	2880&960	3	200-600	50	0.4&0.1	2880&720	5&20	82-178
HKDSL0202SD-SD	2	3	3.3&1.1	1.5&0.5	2880&960	3	200-600	50	0.4&0.1	2880&720	5&20	82-178
HKDSL02501SD-SD	2.5	3	5.4&1.8	3.0&1.0	2880&960	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDSL0301SD-SD	3	3	5.4&1.8	3.0&1.0	2880&960	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDSL0302SD-SD	3	3	4.5&1.5	3.0&1.0	2880&960	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDSL0502SD-SD	5	3	2.7&0.9	3.0&1.0	2880&960	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDSL07503SD-SD	7.5	3	1.8&0.6	3.0&1.0	2880&960	3	200-600	50	0.75&0.18	2880&720	5&20	100-178
HKDSL1004SD-SD	10	3	2.7&0.9	3.0&1.0×2	2880&960	3	200-600	50	0.75&0.18	2880&720	5&20	110-180

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)														
		H	A	B	K	L	M	N	I	J	P	Q	R	T	Chain	
HKDSL00501S	0.5	400	455	240	φ 34	25	19	19	φ 26	φ 31	585	400	142	231	φ 6.3	
HKDSL0101S	1	480	520	260	φ 42	32	56	24	φ 26	φ 31	674	445	142	231	φ 7.1	
HKDSL01501S	1.5	570	615	295	φ 49	40	66	28	φ 31	φ 36	734	505	142	231	φ 10.0	
HKDSL0201S	2	570	615	295	φ 49	40	66	28	φ 31	φ 36	734	505	142	231	φ 10.0	
HKDSL0202S	2	535	520	260	φ 49	40	56	28	φ 31	φ 36	674	445	142	231	φ 7.1	
HKDSL02501S	2.5	640	615	300	φ 59	48	73	34	φ 36	φ 43	791	526	142	231	φ 11.2	
HKDSL0301S	3	640	615	300	φ 59	48	73	34	φ 36	φ 43	791	526	142	231	φ 11.2	
HKDSL0302S	3	685	615	300	φ 59	48	66	34	φ 36	φ 43	750	503	142	231	φ 10.0	
HKDSL0502S	5	740	615	300	φ 60	48	73	42	φ 43	φ 54	841	541	142	231	φ 11.2	
HKDSL07503S	7.5	890	615	300	φ 85	65	73	60	φ 43	φ 54	1030	730	142	231	φ 11.2	
HKDSL1004S	10	890	630	315	φ 85	70	73	60	φ 54	φ 54	946	650	142	231	φ 11.2	

» Size Specification

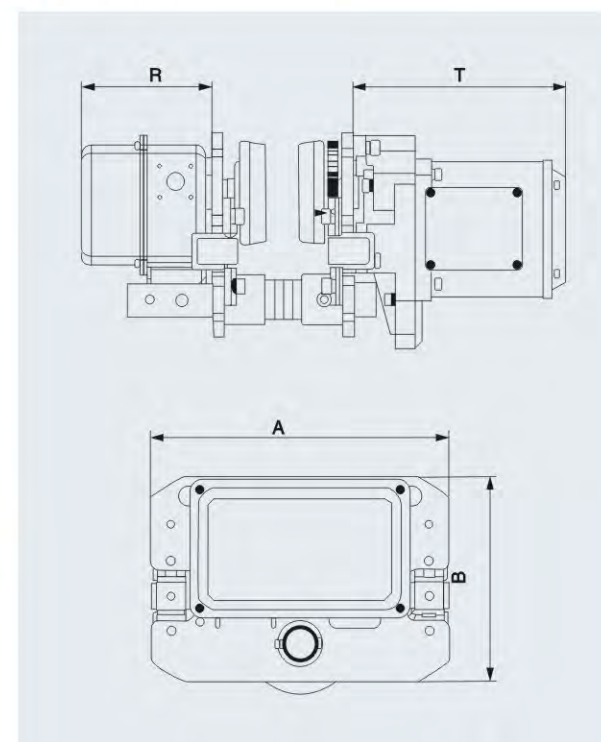
Dual speeds

Type	Capacity (Ton)	Unit (mm)														
		H	A	B	K	L	M	N	I	J	P	Q	R	T	Chain	
HKDSL00501SD-SD	0.5	400	545	260	φ 34	25	19	19	φ 26	φ 31	585	400	142	276	φ 6.3	
HKDSL0101SD-SD	1	480	582	280	φ 41	32	56	24	φ 26	φ 31	674	445	142	276	φ 7.1	
HKDSL01501SD-SD	1.5	570	670	320	φ 49	40	66	30	φ 31	φ 36	734	505	142	276	φ 10.0	
HKDSL0201SD-SD	2	570	670	320	φ 49	40	66	30	φ 31	φ 36	734	505	142	276	φ 10.0	
HKDSL0202SD-SD	2	535	582	280	φ 49	40	56	30	φ 31	φ 36	674	445	142	276	φ 7.1	
HKDSL02501SD-SD	2.5	640	670	320	φ 59	48	73	35	φ 36	φ 43	791	526	142	315	φ 11.2	
HKDSL0301SD-SD	3	640	670	320	φ 59	48	73	35	φ 36	φ 43	791	526	142	315	φ 11.2	
HKDSL0302SD-SD	3	685	670	320	φ 59	48	66	35	φ 36	φ 43	750	503	142	315	φ 10.0	
HKDSL0502SD-SD	5	740	670	320	φ 60	48	73	43	φ 43	φ 54	841	541	142	315	φ 11.2	
HKDSL07503SD-SD	7.5	890	670	320	φ 85	65	73	60	φ 43	φ 54	1030	730	142	315	φ 11.2	
HKDSL1004SD-SD	10	890	700	350	φ 85	70	73	60	φ 54	φ 54	946	650	142	315	φ 11.2	

500Kg-10Ton

Electric Trolley

» Dimensions



» Technical Parameters

Type	Capacity (Ton)	Unit (mm)				Speed 50Hz (m/min)	Motor (kw)	Minimum radius of turn (m)	I-Beam (mm)
		A	B	R	T				
DDPC-0.5	0.5	315	212	142	231	11&21	0.4	0.8	58-153
DDPC-01	1	315	212	142	231	11&21	0.4	0.8	58-153
DDPC-02	2	325	220	142	231	11&21	0.4	0.8	82-178
DDPC-03	3	340	250	142	231	11&21	0.75	1.0	100-178
DDPC-05	5	400	291	142	231	11&21	0.75	1.8	100-178
DDPC-7.5	7.5	400	291	142	231	11&21	0.75	1.8	100-178
DDPC-10	10	500	370	142	231	11&21	0.75	2.5	150-220

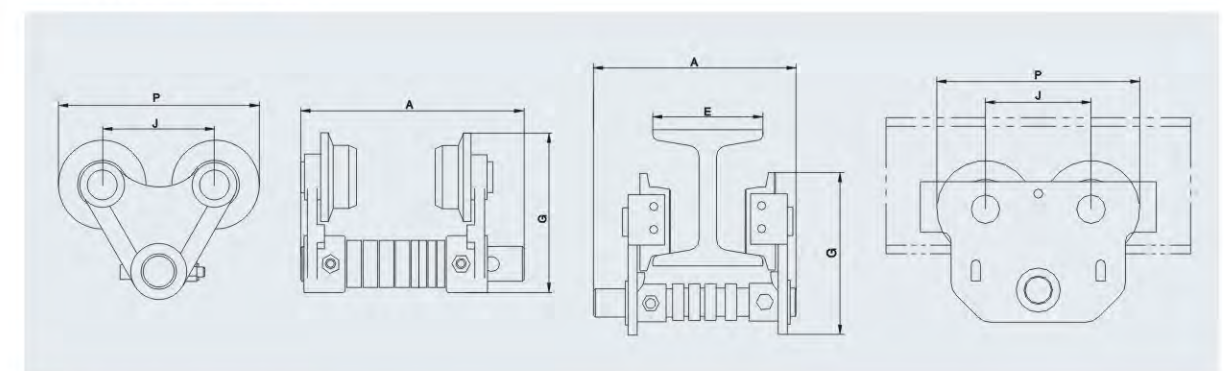
Remark: 1. Dual speedss Rate is 20:5 2. 60Hz/s Speed= 50Hz/s Speed x 1.2

500Kg-5Ton

Manual Trolley



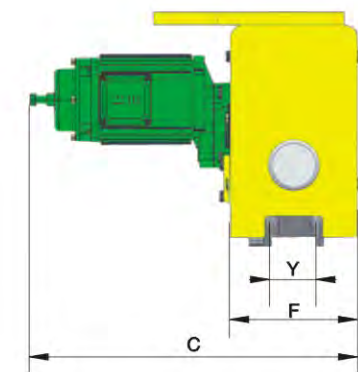
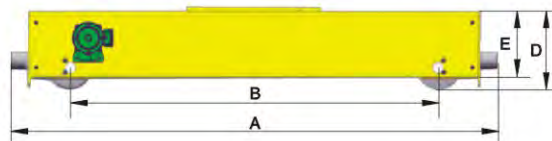
» Dimensions



» Technical Parameters

Type	Capacity (Ton)	Unit (mm)					Minimum radius of turn (m)	I-Beam (mm)
		A	G	J	E	P		
STPC-0.5	0.5	200	130	91	50-102	163	1.2	68-130
STPC-01	1	200	170	115	50-102	221	1.3	68-130
STPC-02	2	218	205	138	68-130	265	1.3	82-153
STPC-03	3	275	236	157	82-153	305	1.5	82-153
STPC-05	5	275	280	178	82-153	332	1.7	100-178

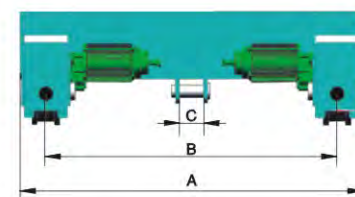
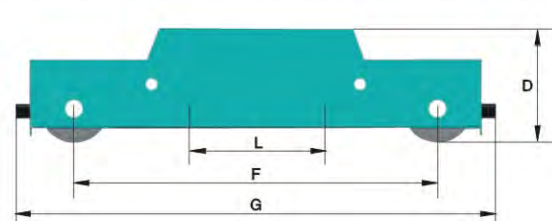
Single-track Power Trolley



Respective dollies in the system are independently driven.
A structure composed of track, side track for horizontal movement, turnplate, and other sections, to form a 3D network for material conveyance.
Multiple control mechanism, able for centralized control, scattered control, or distributed control measures, and the dollies are able to perform full automatic operations according to the set program.
Random material supply system for random applications for vehicle request by service positions to be made through random material supply system, with random compilation of characteristic address code of service positions through dollies, for them to directly reach the stations where vehicles are requested for material supply.

Parameter Model	Capacity (T)	Span (m)	Total Length (A/mm)	Wheel Base (B/mm)	Total Height (D/mm)	Girder Height (E/mm)	Total Width (C/mm)	Girder Width (F/mm)	Wheel Groove (Y/mm)	Wheel Dia. (mm)	Buffer Motor Power (Kw)
DLTC-1.0-150	≤2	≤31.5	1500	1000	265	250	495	150	60	φ150	0.4X2
DLTC-1.5-150	≤2	≤25	2000	1500	265	250	495	150	60	φ150	0.4X2
DLTC-1.5-200	≤5	≤21.5	2000	1500	330	300	543	200	70	φ200	0.75X2
DLTC-2.0-200	≤5	≤17.5	2500	2000	330	300	543	200	70	φ200	0.75X2
DLTC-2.5-200	≤5	≤25	3000	2500	330	300	543	200	70	φ200	0.75X2
DLTC-2.0-250	≤10	≤21.5	2500	2000	435	400	543	200	70	φ250	0.75X2
DLTC-2.5-250	≤10	≤17.5	3000	2500	435	400	543	200	70	φ250	0.75X2
DLTC-3.0-250	≤10	≤14	3500	3000	435	400	628	200	70	φ250	1.1X2
DLTC-2.0-300	≤16	≤21.5	2500	2000	450	400	648	200	70	φ300	1.1X2
DLTC-2.5-300	≤16	≤17.5	3000	2500	500	450	648	250	70	φ300	1.1X2
DLTC-3.0-300	≤16	≤14	3500	3000	500	450	711	250	70	φ300	1.5X2
DLTC-3.5-300	≤16	≤17.5	4000	3500	500	450	711	250	70	φ300	1.5X2
DLTC-2.5-350	≤32	≤14	3200	2500	550	500	771	250	90	φ350	2.2X2
DLTC-3.0-350	≤32	≤11	3700	3000	550	500	771	250	90	φ350	2.2X2
DLTC-3.5-350	≤32	≤11	4200	3500	550	500	771	250	90	φ350	2.2X2
DLTC-4.0-350	≤32	≤7	4700	4000	550	500	771	250	90	φ350	2.2X2

Double-track Power Trolley



Respective dollies in the system are independently driven.
Multiple control mechanism, able for centralized control, scattered control, or distributed control measures, and the dollies are able to perform full automatic operations according to the set program.

Parameter Model	Capacity (T)	Power (KW)	Speed (m/min)	Wheel Dia. (φ mm)	Total Width (A/mm)	Total Length (G/mm)	Gauge (B/mm)	Wheel Base (F/mm)	Total Height (D/mm)	Connect Shaft (C/mm)	Connect Shaft Distance (L/mm)
SGTC1.0-0.72	1-3	0.4×2	20	160	1182	1092	1000	725	383	100	0
SGTC1.2-1.0	5-10	0.6×2	20	200	1382	1342	1200	1000	416	180	83
SGTC1.2-1.65	15	0.8×2	20	300	1412	2230	1200	1650	570	180	560
SGTC1.2-1.75	20-25	1.5×2	20	300	1412	2330	1200	1750	600	180	740
SGTC1.4-1.8	30-35	2.2×2	20	350	1640	2330	1400	1750	650	200	440
SGTC1.6-1.8	40-50	3.75×2	20	400	1840	2330	1600	1750	780	230	520

Hoist Accessories

