



Electric Chain Hoist

» **Shell** : It is made of light aluminum alloy shell, light but hard. The cooling fan 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 cut is Off. Thus the braking safety while loading is guaranteed.

» **Upper & Lower Limit switch** is installed to prevent damage due to Excessing lifting or Lowering

» **Chain** : The chain shall adopt the G 80 ultra heat-treated steel alloy chain. It can be safely used in poor environments such as rain sea water and chemicals.

» **Hook** : It is drop forged with perfect strength that is hard to break. The operations safety of the lower hook is ensured by its 360 degrees rotation and safety latch

» **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.

IP 55 Protection

» **Electromagnetic contractor** : Electromagnetic contractor 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 supplied. It is light and durable.

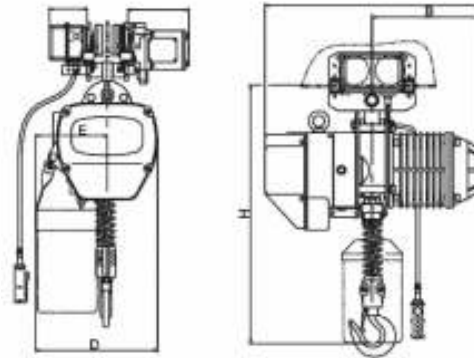
» **Standard fittings** : Chain bag (1) Control cable (3mm) Push-button switch (1)



Electric Chain Hoist



» Dimensions



» Technical Parameters

Single Speed

Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor				
			Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)
0.5	5	6.8	0.75	1440	3	440	50
1	5	6.6	1.5	1440	3	440	50
2	5	3.3	1.5	1440	3	440	50
3	5	4.4	3.0	1440	3	440	50
5	5	2.7	3.0	1440	3	440	50

» Size Specification

Single Speed

Capacity (Ton)	Unit (mm)											
	A	B	D	E	I	H	K	L	N	M	J	Chain
0.5	455	240	285	165	34	540	34	25	19	19	28	φ 6.3
1	520	260	300	176	42	650	42	32	24	24	32	φ 7.1
2	520	260	300	236	49	835	49	40	30	30	40	φ 7.1
3	615	295	430	320	59	950	59	48	35	35	48	φ10.0
5	615	295	430	325	60	1030	60	48	43	43	48	φ11.2

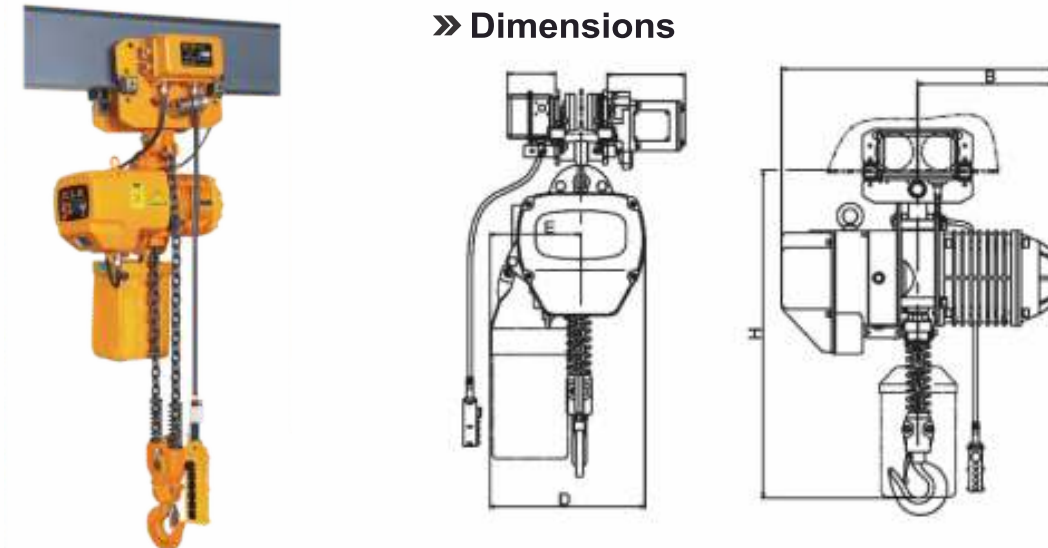
Remark : 1. Lifting height against customers's Requirement. 2. 60Hz/s Speed x 1.2



Electric Chain Hoist

500Kg~5Ton Hoist with Electric Trolley

» Dimensions



» Technical Parameters

Single Speed

Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor					Trolley Motor			
			Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	Power (Kw)	Rotation Speed (r/min)	Trolley Speed (m/min)	I-Beam (mm)
0.5	5	6.8	0.75	1440	3	440	50	0.4	1440	11/21	58-153
1	5	6.6	1.5	1440	3	440	50	0.4	1440	11/21	58-153
2	5	3.3	1.5	1440	3	440	50	0.4	1440	11/21	82-178
3	5	4.4	3.0	1440	3	440	50	0.75	1440	11/21	100-178
5	5	2.7	3.0	1440	3	440	50	0.75	1440	11/21	100-178

» Size Specification

Single Speed

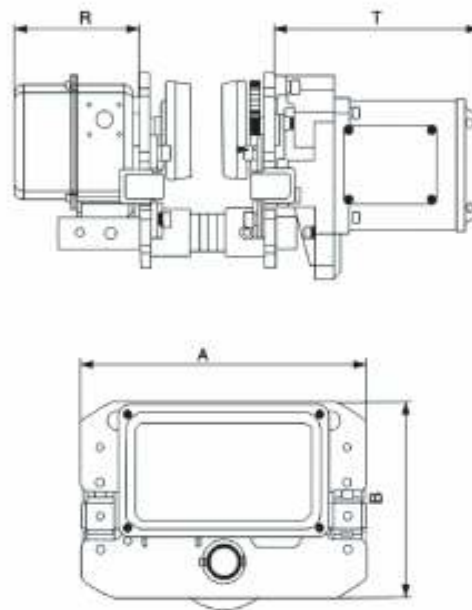
Capacity (Ton)	Unit (mm)													
	H	A	B	D	E	I	K	L	N	W	U	R	T	Chain
0.5	610	455	240	285	165	31	34	25	19	206	111	142	231	φ 6.3
1	650	520	260	300	176	31	42	32	24	206	111	142	231	φ 7.1
2	815	520	260	300	236	36	49	40	30	237	127	142	231	φ 7.1
3	930	615	295	430	320	43	59	48	35	265	140	142	231	φ10.0
5	1015	615	295	430	325	54	60	48	43	296	156	142	231	φ11.2

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



Electric Trolley

» Dimensions



» Technical Parameters

Capacity (Ton)	Unit (mm)				Speed 50Hz (m/min)	Motor (kw)	Minimum radius of turn (m)	I-Beam (m)
	A	B	R	T				
0.5	315	212	142	231	11/21	0.4	0.8	52-153
1	315	212	142	231	11/21	0.4	0.8	52-153
2	325	220	142	231	11/21	0.4	0.8	82-178
3	340	250	142	231	11/21	0.75	1.0	100-178
5	400	291	142	231	11/21	0.75	1.8	100-178
7.5	400	291	142	231	11/21	0.75	1.8	100-178
10	500	370	142	231	11/21	0.75	2.5	150-220

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