



ECH Electric Chain Hoist

500Kg--5Ton Hook suspension type electric chain hoist

Main Feature:

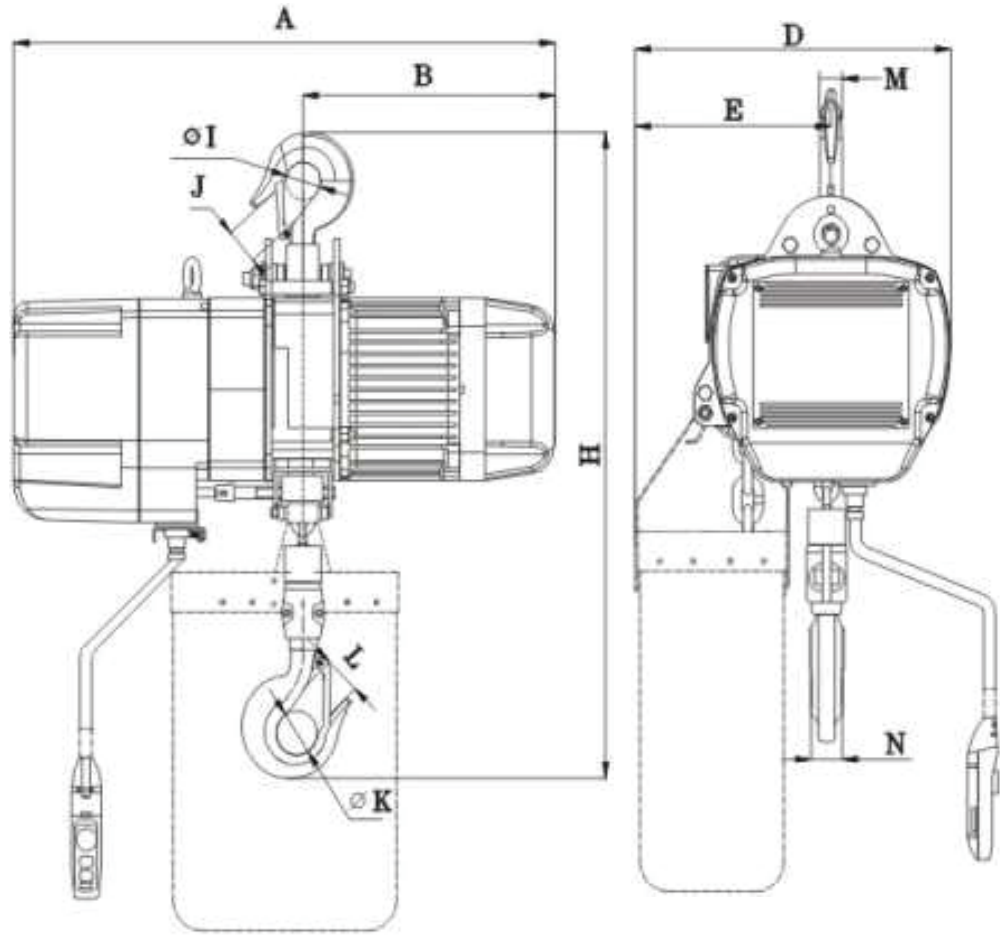
- Clutch: As emergency overload protection, clutch will functions and motor will slip when abnormal load.
- Inverse phase sequence protecting device: It is the special electrical installation which control the circuit not to work in case of wiring error in the power supply.
- Limit switch: The limit 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

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Single speed				
				Lifting Motor				
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage(V)	Frequency (Hz/s)
ECH00501-2S	0.5	3	6.8	0.75	1400	3	200-600	50
ECH0101-2S	1	3	6.6	1.5	1400	3	200-600	50
ECH0102-2S	1	3	3.4	0.75	1400	3	200-600	50
ECH01501-2S	1.5	3	8.8	3.0	1400	3	200-600	50
ECH0201-2S	2	3	6.6	3.0	1400	3	200-600	50
ECH0202-2S	2	3	3.3	1.5	1400	3	200-600	50
ECH02501-2S	2.5	3	5.4	3.0	1400	3	200-600	50
ECH0301-2S	3	3	5.4	3.0	1400	3	200-600	50
ECH0302-2S	3	3	4.4	3.0	1400	3	200-600	50
ECH0303-2S	3	3	2.2	1.5	1400	3	200-600	50
ECH0502-2S	5	3	2.7	3.0	1400	3	200-600	50

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Double Speed Inverter				
				Lifting Motor				
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage(V)	Frequency (Hz/s)
ECH00501-2SD	0.5	3	6.8&1.7	0.75	1400&360	3	200-600	50
ECH0101-2SD	1	3	6.6&1.65	1.5	1400&360	3	200-600	50
ECH0102-2SD	1	3	3.4&0.85	0.75	1400&360	3	200-600	50
ECH01501-2SD	1.5	3	8.8&2.2	3.0	1400&360	3	200-600	50
ECH0201-2SD	2	3	6.6&1.65	3.0	1400&360	3	200-600	50
ECH0202-2SD	2	3	3.3&0.82	1.5	1400&360	3	200-600	50
ECH02501-2SD	2.5	3	5.4&1.35	3.0	1400&360	3	200-600	50
ECH0301-2SD	3	3	5.4&1.35	3.0	1400&360	3	200-600	50
ECH0302-2SD	3	3	4.4&1.1	3.0	1400&360	3	200-600	50
ECH0303-2SD	3	3	2.2&0.55	1.5	1400&360	3	200-600	50
ECH0502-2SD	5	3	2.7&0.67	3.0	1400&360	3	200-600	50



Dimension

Type	Capacity (Ton)	Single speed											Diameter x Chain Fall
		Unit (mm)											
		H	A	B	D	E	I	J	K	L	M	N	
ECH00501-2S	0.5	455	566	266	285	165	Ø35	27	Ø34	25	17	17	Ø6.3x1
ECH0101-2S	1	520	627	302	300	176	Ø42	32	Ø41	32	24	24	Ø7.1x1
ECH0102-2S	1	490	566	266	285	165	Ø35	27	Ø41	32	24	24	Ø6.3x2
ECH01501-2S	1.5	640	733	343	430	265	Ø48	38	Ø49	40	28	28	Ø10.0x1
ECH0201-2S	2	640	733	343	430	265	Ø48	38	Ø49	40	28	28	Ø10.0x1
ECH0202-2S	2	705	627	302	300	236	Ø48	38	Ø49	40	28	28	Ø7.1x2
ECH02501-2S	2.5	685	733	343	430	265	Ø59	48	Ø59	48	34	34	Ø11.2x1
ECH0301-2S	3	685	733	343	430	265	Ø59	48	Ø59	48	34	34	Ø11.2x1
ECH0302-2S	3	790	733	343	430	320	Ø59	48	Ø59	48	34	34	Ø10.0x2
ECH0303-2S	3	820	627	302	350	205	Ø59	48	Ø59	48	34	34	Ø7.1x3
ECH0502-2S	5	870	733	343	430	325	Ø59	48	Ø60	48	42	42	Ø11.2x2

Type	Capacity (Ton)	Double speed Inverter											Diameter x Chain Fall
		Unit (mm)											
		H	A	B	D	E	I	J	K	L	M	N	
ECH00501-2SD	0.5	455	566	266	285	165	Ø35	27	Ø34	25	17	17	Ø6.3x1
ECH0101-2SD	1	520	627	302	300	176	Ø42	32	Ø41	32	24	24	Ø7.1x1
ECH0102-2SD	1	490	566	266	285	165	Ø35	27	Ø35	25	24	24	Ø6.3x2
ECH01501-2SD	1.5	640	733	343	430	265	Ø48	38	Ø49	40	28	28	Ø10.0x1
ECH0201-2SD	2	640	733	343	430	265	Ø48	38	Ø49	40	28	28	Ø10.0x1
ECH0202-2SD	2	705	627	302	300	236	Ø48	38	Ø49	40	28	28	Ø7.1x2
ECH02501-2SD	2.5	685	733	343	430	265	Ø59	48	Ø59	48	34	34	Ø11.2x1
ECH0301-2SD	3	685	733	343	430	265	Ø59	48	Ø59	48	34	34	Ø11.2x1
ECH0302-2SD	3	790	733	343	430	320	Ø59	48	Ø59	48	34	34	Ø10.0x2
ECH0303-2SD	3	820	627	302	350	205	Ø59	48	Ø59	48	34	34	Ø7.1x3
ECH0502-2SD	5	870	733	343	430	325	Ø59	48	Ø60	48	42	42	Ø11.2x2