



ECH Electric chain hoist

500Kg--5Ton electric chain hoist with manual trolley

Main Feature:

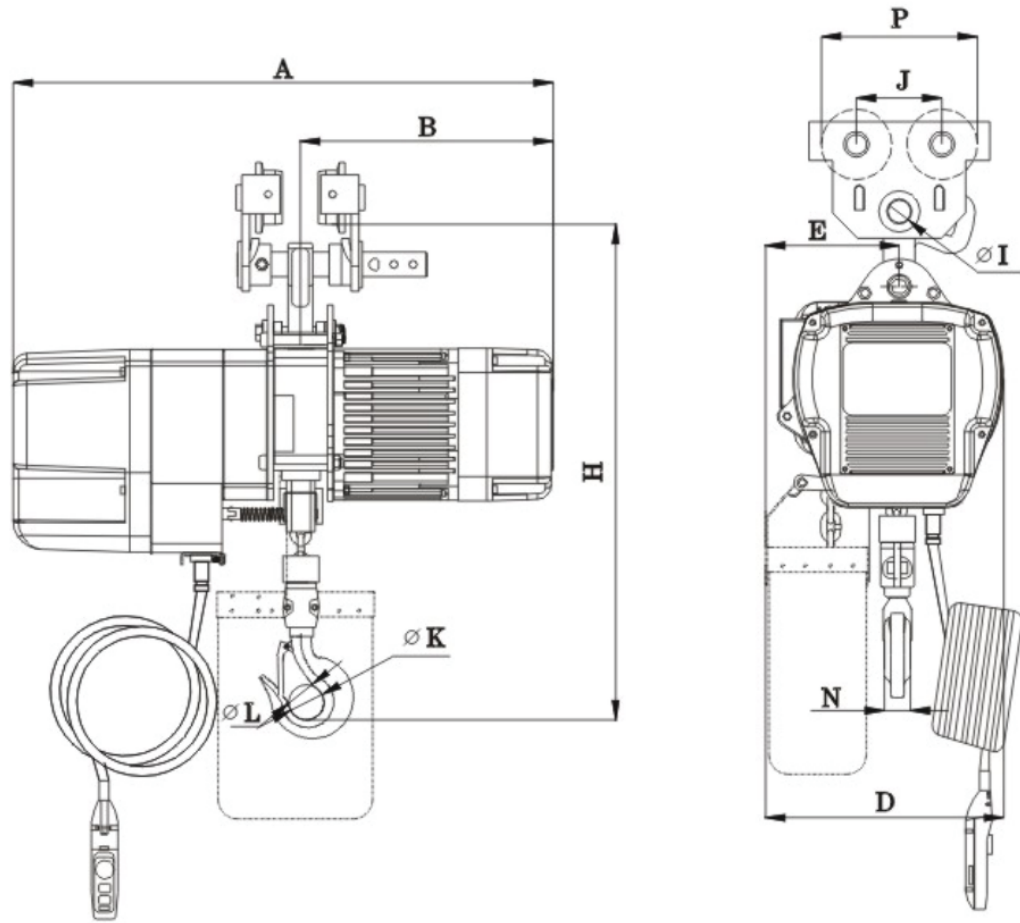
- Clutch: As emergency overload protection, clutch will functions and motor will slip when abnormal load.
- Inverse phase sequence protecting device: It is the special electrical installation which control the circuit not to work in case of wiring error in the power supply.
- Limit switch: The limit 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					I-Beam (mm)
				Lifting Motor					
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage(V)	Frequency (Hz/s)	
ECHM00501-2S	0.5	3	6.8	0.75	1400	3	200-600	50	68-130
ECHM0101-2S	1	3	6.6	1.5	1400	3	200-600	50	68-130
ECHM0102-2S	1	3	3.4	0.75	1400	3	200-600	50	68-130
ECHM01501-2S	1.5	3	8.8	3.0	1400	3	200-600	50	82-153
ECHM0201-2S	2	3	6.6	3.0	1400	3	200-600	50	82-153
ECHM0202-2S	2	3	3.3	1.5	1400	3	200-600	50	82-153
ECHM0201-2S	2.5	3	5.4	3.0	1400	3	200-600	50	82-153
ECHM0301-2S	3	3	5.4	3.0	1400	3	200-600	50	82-153
ECHM0302-2S	3	3	4.4	3.0	1400	3	200-600	50	82-153
ECHM0303-2S	3	3	2.2	1.5	1400	3	200-600	50	82-153
ECHM0502-2S	5	3	2.7	3.0	1400	3	200-600	50	100-178

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Double speeds inverter					I-Beam (mm)
				Lifting Motor					
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage(V)	Frequency (Hz/s)	
ECHM00501-2SD	0,5	3	6.8&1.7	0.75	1400&360	3	200-600	50	68-130
ECHM0101-2SD	1	3	6.6&1.65	1.5	1400&360	3	200-600	50	68-130
ECHM0102-2SD	1	3	3.4&0.85	0.75	1400&360	3	200-600	50	68-130
ECHM01501-2SD	1.5	3	8.8&2.2	3.0	1400&360	3	200-600	50	82-153
ECHM0201-2SD	2	3	6.6&1.65	3.0	1400&360	3	200-600	50	82-153
ECHM0202-2SD	2	3	3.3&0.82	1.5	1400&360	3	200-600	50	82-153
ECHM0201-2SD	2.5	3	5.4&1.35	3.0	1400&360	3	200-600	50	82-153
ECHM0301-2SD	3	3	5.4&1.35	3.0	1400&360	3	200-600	50	82-153
ECHM0302-2SD	3	3	4.4&1.1	3.0	1400&360	3	200-600	50	82-153
ECHM0303-2SD	3	3	2.2&0.55	1.5	1400&360	3	200-600	50	82-153
ECHM0502-2SD	5	3	2.7&0.67	3.0	1400&360	3	200-600	50	100-178



Dimension

Type	Capacity (Ton)	Single speed											Diameter x Chain Fall
		Unit (mm)											
		H	A	B	D	E	I	J	K	L	P	N	
ECH00501-2S	0.5	525	566	266	300	165	Ø26	90	Ø34	25	164	17	Ø6.3x1
ECH0101-2S	1	535	627	302	320	176	Ø26	90	Ø41	32	164	24	Ø7.1x1
ECH0102-2S	1	565	566	266	300	165	Ø26	90	Ø41	32	164	24	Ø6.3x2
ECH01501-2S	1.5	610	733	343	450	265	Ø31	115	Ø49	40	221	28	Ø10.0x1
ECH0201-2S	2	610	733	343	450	265	Ø31	115	Ø49	40	221	28	Ø10.0x1
ECH0202-2S	2	685	627	302	320	236	Ø31	115	Ø49	40	221	28	Ø7.1x2
ECH0201-2S	2.5	670	733	343	450	265	Ø36	138	Ø59	48	265	34	Ø11.2x1
ECH0301-2S	3	670	733	343	450	265	Ø36	138	Ø59	48	265	34	Ø11.2x1
ECH0302-2S	3	770	733	343	450	320	Ø36	138	Ø59	48	265	34	Ø10.0x2
ECH0303-2S	3	810	627	302	370	205	Ø36	138	Ø59	48	265	34	Ø7.1x3
ECH0502-2S	5	855	733	343	450	325	Ø40	157	Ø60	48	304	42	Ø11.2x2

Type	Capacity (Ton)	Double speeds Inverter											Diameter x Chain Fall
		Unit (mm)											
		H	A	B	D	E	I	J	K	L	P	N	
ECH00501-2SD	0.5	525	566	266	300	165	Ø26	90	Ø34	25	164	17	Ø6.3x1
ECH0101-2SD	1	535	627	302	320	176	Ø26	90	Ø41	32	164	24	Ø7.1x1
ECH0102-2SD	1	565	566	266	300	165	Ø26	90	Ø35	32	164	24	Ø6.3x2
ECH01501-2SD	1.5	610	733	343	450	265	Ø31	115	Ø49	40	221	28	Ø10.0x1
ECH0201-2SD	2	610	733	343	450	265	Ø31	115	Ø49	40	221	28	Ø10.0x1
ECH0202-2SD	2	685	627	302	320	236	Ø31	115	Ø49	40	221	28	Ø7.1x2
ECH0201-2SD	2.5	670	733	343	450	265	Ø36	138	Ø59	48	265	34	Ø11.2x1
ECH0301-2SD	3	670	733	343	450	265	Ø36	138	Ø59	48	265	34	Ø11.2x1
ECH0302-2SD	3	770	733	343	450	320	Ø36	138	Ø59	48	265	34	Ø10.0x2
ECH0303-2SD	3	810	627	302	370	205	Ø36	138	Ø59	48	265	34	Ø7.1x3
ECH0502-2SD	5	855	733	343	450	325	Ø40	157	Ø60	48	304	42	Ø11.2x2