



ECH Electric Chain Hoist

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

Main Feature:

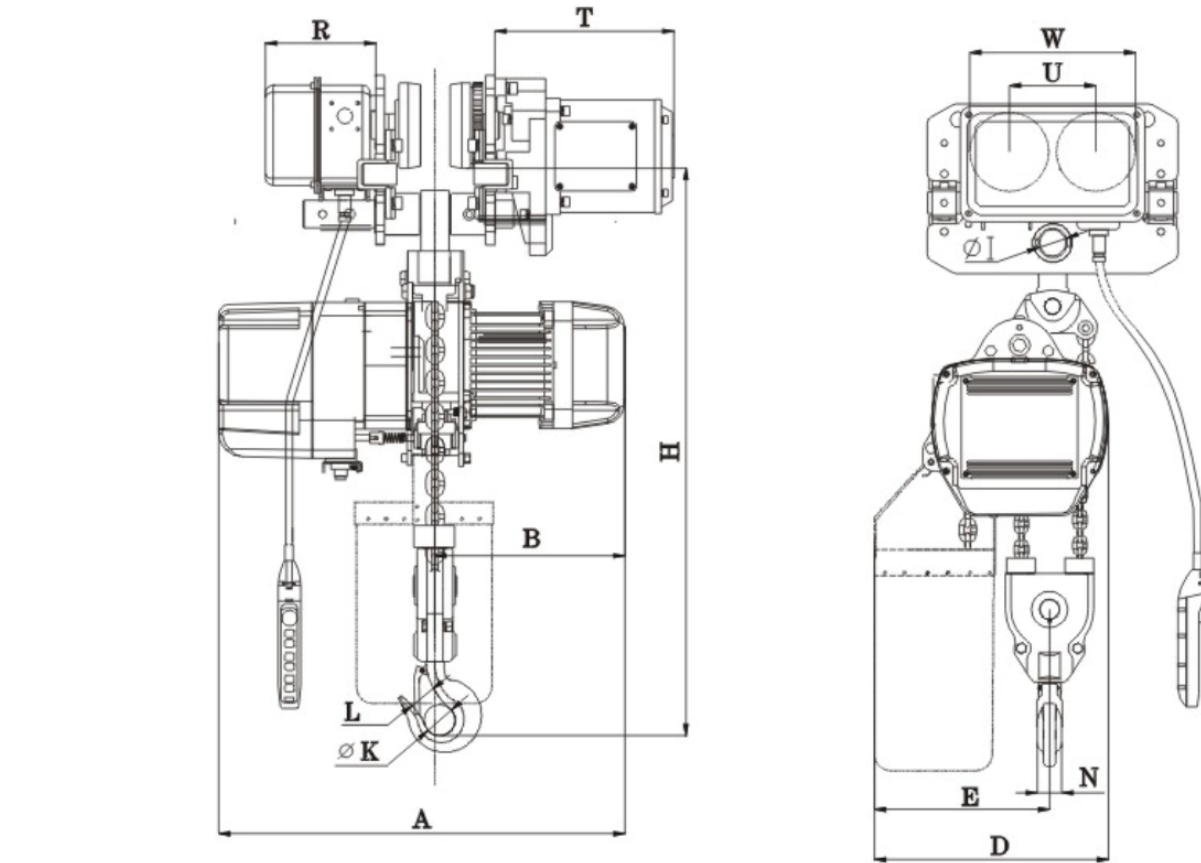
- Clutch: As emergency overload protection, clutch will functions and motor will slip when abnormal load.
- Inverse phase sequence protecting device: It is the special electrical installation which control the circuit not to work in case of wiring error in the power supply.
- Limit switch: The limit 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					Trolley Motor			I-Beam (mm)
				Lifting Motor				Power (Kw)	Trolley Speed (m/min)	Rotation Speed (r/min)		
				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	0.4	11/21	1400	58-153
ECHM0101-2S	1	3	6.6	1.5	1400	3	200-600	50	0.4	11/21	1400	58-153
ECHM0102-2S	1	3	3.4	0.75	1400	3	200-600	50	0.4	11/21	1400	58-153
ECHM01501-2S	1.5	3	8.8	3.0	1400	3	200-600	50	0.4	11/21	1400	58-153
ECHM0201-2S	2	3	6.6	3.0	1400	3	200-600	50	0.4	11/21	1400	82-178
ECHM0202-2S	2	3	3.3	1.5	1400	3	200-600	50	0.4	11/21	1400	82-178
ECHM02501-2S	2.5	3	5.4	3.0	1400	3	200-600	50	0.75	11/21	1400	82-178
ECHM0301-2S	3	3	5.4	3.0	1400	3	200-600	50	0.75	11/21	1400	100-178
ECHM0302-2S	3	3	4.4	3.0	1400	3	200-600	50	0.75	11/21	1400	100-178
ECHM0303-2S	3	3	2.2	1.5	1400	3	200-600	50	0.75	11/21	1400	100-178
ECHM0502-2S	5	3	2.7	3.0	1400	3	200-600	50	0.75	11/21	1400	100-178

Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Double speeds Inverter					Trolley Motor			I-Beam (mm)
				Lifting Motor				Power (Kw)	Trolley Speed (m/min)	Rotation Speed (r/min)		
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage(V)				Frequency (Hz/s)	
ECHE00501SD-SD	0,5	3	6.8&1.7	0,75	1400&360	3	200-600	50	0,4&0,1	5&20	2880&720	58-153
ECHE0101SD-SD	1	3	6.6&1.65	1,5	1400&360	3	200-600	50	0,4&0,1	5&20	2880&720	58-153
ECHE0102SD-SD	1	3	3.4&0.85	0,75	1400&360	3	200-600	50	0,4&0,1	5&20	2880&720	58-153
ECHE01501SD-SD	1.5	3	8.8&2.2	3,0	1400&360	3	200-600	50	0,4&0,1	5&20	2880&720	58-153
ECHE0201SD-SD	2	3	6.6&1.65	3,0	1400&360	3	200-600	50	0,4&0,1	5&20	2880&720	82-178
ECHE0202SD-SD	2	3	3.3&0.82	1,5	1400&360	3	200-600	50	0,4&0,1	5&20	2880&720	82-178
ECHE02501SD-SD	2.5	3	5.4&1.35	3,0	1400&360	3	200-600	50	0.75&0.18	5&20	2880&720	82-178
ECHE0301SD-SD	3	3	5.4&1.35	3,0	1400&360	3	200-600	50	0.75&0.18	5&20	2880&720	100-178
ECHE0302SD-SD	3	3	4.4&1.1	3,0	1400&360	3	200-600	50	0.75&0.18	5&20	2880&720	100-178
ECHE0303SD-SD	3	3	2.2&0.55	1,5	1400&360	3	200-600	50	0.75&0.18	5&20	2880&720	100-178
ECHE0502SD-SD	5	3	2.7&0.67	3,0	1400&360	3	200-600	50	0.75&0.18	5&20	2880&720	100-178



Dimension

Type	Capacity (Ton)	Single speed														Diameter x Chain Fall
		Unit (mm)														
		H	A	B	D	E	I	W	K	L	U	N	R	T		
ECH00501-2S	0.5	525	566	266	285	165	Ø31	206	Ø34	25	111	17	142	231	Ø6.3x1	
ECH0101-2S	1	520	627	302	300	176	Ø31	206	Ø41	32	111	24	142	231	Ø7.1x1	
ECH0102-2S	1	580	566	266	285	165	Ø31	206	Ø41	32	111	24	142	231	Ø6.3x2	
ECH01501-2S	1.5	610	733	343	430	265	Ø36	237	Ø49	40	127	28	142	231	Ø10.0x1	
ECH0201-2S	2	610	733	343	430	265	Ø36	237	Ø49	40	127	28	142	231	Ø10.0x1	
ECH0202-2S	2	685	627	302	300	236	Ø36	237	Ø49	40	127	28	142	231	Ø7.1x2	
ECH02501-2S	2.5	670	733	343	430	265	Ø43	265	Ø59	48	140	34	142	231	Ø11.2x1	
ECH0301-2S	3	670	733	343	430	265	Ø43	265	Ø59	48	140	34	142	231	Ø11.2x1	
ECH0302-2S	3	770	733	343	430	320	Ø43	265	Ø59	48	140	34	142	231	Ø10.0x2	
ECH0303-2S	3	810	627	302	350	205	Ø43	265	Ø59	48	140	34	142	231	Ø7.1x3	
ECH0502-2S	5	855	733	343	430	325	Ø54	296	Ø60	48	156	42	142	231	Ø11.2x2	

Type	Capacity (Ton)	Double speeds Inverter														Diameter x Chain Fall
		Unit (mm)														
		H	A	B	D	E	I	W	K	L	U	N	R	T		
ECHE00501SD-SD	0.5	525	566	266	285	165	Ø31	206	Ø34	25	111	17	142	276	Ø6.3x1	
ECHE0101SD-SD	1	520	627	302	300	176	Ø31	206	Ø41	32	111	24	142	276	Ø7.1x1	
ECHE0102SD-SD	1	580	566	266	285	165	Ø31	206	Ø35	25	111	24	142	276	Ø6.3x2	
ECHE01501SD-SD	1.5	610	733	343	430	265	Ø36	237	Ø49	40	127	28	142	276	Ø10.0x1	
ECHE0201SD-SD	2	610	733	343	430	265	Ø36	237	Ø49	40	127	28	142	276	Ø10.0x1	
ECHE0202SD-SD	2	685	627	302	300	236	Ø36	237	Ø49	40	127	28	142	276	Ø7.1x2	
ECHE02501SD-SD	2.5	670	733	343	430	265	Ø43	265	Ø59	48	140	34	142	315	Ø11.2x1	
ECHE0301SD-SD	3	670	733	343	430	265	Ø43	265	Ø59	48	140	34	142	315	Ø11.2x1	
ECHE0302SD-SD	3	770	733	343	430	320	Ø43	265	Ø59	48	140	34	142	315	Ø10.0x2	
ECHE0303SD-SD	3	810	627	302	350	205	Ø43	265	Ø59	48	140	34	142	315	Ø7.1x3	
ECHE0502SD-SD	5	855	733	343	430	325	Ø54	296	Ø60	48	156	42	142	315	Ø11.2x2	