

## Material Handling Equipment

### GPT-ECH-022 - Electric chain hoist

#### Features:

##### 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 controls 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 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

The chain FEC G80 shall adopt ultra heat-treatable aluminium alloy chain.



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Electric Hoist - Single Speed (0.5 Ton - 10 Ton)									
		Lifting Motor Specification							
Rated Load (Ton)	Lifting Speed (M/Min)	Power (kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz)	Chain Falls	chain dia (mm)	Test Load (T)
• 0.5	6.8	0.75	1440	3	200-440	50	1	6.30	0.625
• 1.0	6.6	1.5	1440	3	200-440	50	1	7.10	1.25
1.0	3.4	0.75	1440	3	200-440	50	2	6.30	1.25
1.5	8.8	3.0	1440	3	200-440	50	1	10.00	1.875
• 2.0	6.6	3.0	1440	3	200-440	50	1	10.00	2.5
2.0	3.3	1.5	1440	3	200-440	50	2	7.10	2.5
2.5	5.4	3.0	1440	3	200-440	50	1	11.20	3.125
• 3.0	5.4	3.0	1440	3	200-440	50	1	11.20	3.75
3.0	4.4	3.0	1440	3	200-440	50	2	10.00	3.75
• 5.0	2.7	3.0	1440	3	200-440	50	2	11.20	6.25
• 10.0	2.7	3.0	1440	3	200-440	50	4	11.20	12.5

Electric Hoist with Trolley - Single Speed (0.5 Ton to 10 Ton)										
		Lifting Motor Specification								
Rated Load (Ton)	Lifting Speed (M/Min)	Power (kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz)	Chain Falls	Chain dia (mm)	Test Load (T)	I-BEAM (mm)
• 0.5	6.8	0.75	1440	3	200-440	50	1	6.30	0.625	58-153
• 1.0	6.6	1.5	1440	3	200-440	50	1	7.10	1.25	58-153
1.0	3.4	0.75	1440	3	200-440	50	2	6.30	1.25	58-153
1.5	8.8	3.0	1440	3	200-440	50	1	10.00	1.875	82-178
• 2.0	6.6	3.0	1440	3	200-440	50	1	10.00	2.5	82-178
2.0	3.3	1.5	1440	3	200-440	50	2	7.10	2.5	82-178
2.5	5.4	3.0	1440	3	200-440	50	1	11.20	3.125	100-178
• 3.0	5.4	3.0	1440	3	200-440	50	1	11.20	3.75	100-178
3.0	4.4	3.0	1440	3	200-440	50	2	10.00	3.75	100-178
3.0	4.2	1.5	1440	3	200-440	50	3	7.10	3.75	100-178
• 5.0	2.7	3.0	1440	3	200-440	50	2	11.20	6.25	100-178
• 10.0	2.7	3.0	1440	3	200-440	50	4	11.20	12.5	150-220

Electric Hoist Trolley Motor Specification (0.5 Ton to 10 Ton)					
Power (kw)	Rotation Speed (r/min)	Operation Speed (m/min)	Phases	Voltage (V)	Frequency (Hz)
0.4	1440	11/21	3	200-440	50