



## 1 Ton Electric Chain Hoist 20 ft. FEC G80 Japan Chain M5/H4 208~240/440~480V

### Key features

- Quality is inside: Heavy Duty H4/M5. Aluminum housing, NSK Bearings, USA Chevron Meropa 320 Lub
- Overload Protection, EATON Contactors, All ways Limit Switches, Emergency Stopp
- Super Heavy Duty FEC G80 Chain, MADE IN JAPAN. Standard ASTM A973
- US and EC Standards ASME HST-1 , ASME B30.16 , EN14492-2 , EN60204-32
- 3 Year Warranty, Customer Support and Service in the USA

### Electric Chain Hoist Description

This **1 ton Electric Chain Hoist** has a 20 foot lifting height. It has an M5 duty cycle and uses a powerful motor to raise and lower the load. The three-phase power supply and quick-connect electrical wiring system make it ideal for industrial or home applications.

### Prowinch Electric Chain Hoist

All of our Electric Chain Hoists are created with the goal of offering the best price-performance ratio. Key components such as lifespan factors are constantly tested and improved in order to offer the best product for the price.

### Key Components

All internal components have been upgraded to meet the highest quality standards. Key electronic components are produced by American or German brands, and we use American-made lubricants to ensure the lifespan of gears and reducers. Final assembly and all tests are performed in the US before shipping to ensure that every unit meets the corresponding standard.

### Duty Classification

Duty Classification is a key factor when choosing the right unit. These H4 hoists are suitable for high-volume handling in steel warehouses, machine shops, fabricating plants and mills, and foundries. For uniformly distributed work periods, the hoists have 50% max. operational time per hour and can handle up to 300 starts per hour. When being used for infrequent work periods, the hoist can be operated for 30 minutes from a cold start with up to 300 starts per hour. Operational time ratings are calculated at a 65% load factor, as per ASME HST-1-2012.

### Control System

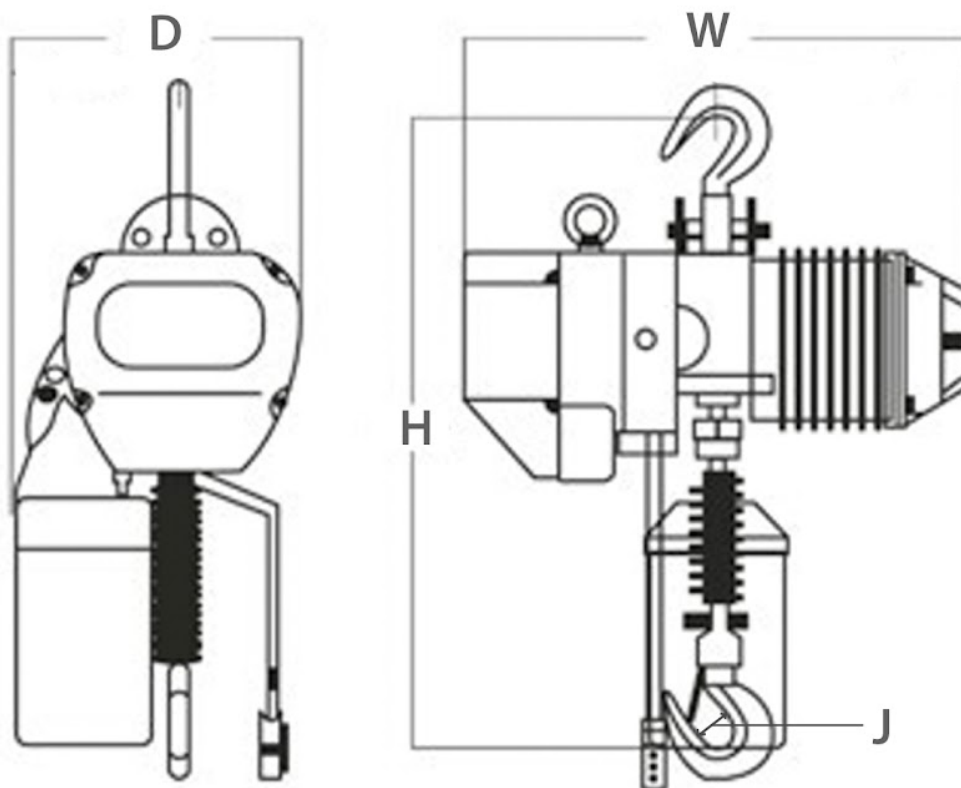
This electric chain hoist comes standard with a pendant control. The length of the control is 4 feet less than the lifting height, which allows it to be easily operated from ground-level. An optional wireless control is available for extra convenience.

### Braking System

The electromagnetic brake system is tested at 125% of the hoist capacity and is designed to automatically engage immediately upon any loss of power.

## Technical Specifications

<b>Rated Load Capacity</b>	2200 lb / 1000 kg	<b>Control Voltage</b>	24V
<b>Standard Lifting Height</b>	20 ft / 6 m	<b>Emergency Stop</b>	Yes
<b>Speed /min</b>	25ft/7.5m@60Hz 21ft/6.3m@50Hz	<b>Transmission / Reducer Type</b>	Spur gearbox with Oil splash lubrication
<b>Number of Speeds</b>	1 Speed	<b>Load Chain Type</b>	G80 JAPAN
<b>Voltage</b>	3 Phase 208~240/440~480V 50/60Hz	<b>Load Chain Size</b>	7.1x21 mm
<b>Duty Class</b>	H4/M5/2m/Class D	<b>Chain Falls</b>	1
<b>Motor/Engine Power</b>	1.5 KW	<b>Chain Length</b>	20 ft / 6 m
<b>Motor RPM</b>	1728@60Hz 1440@50HZ	<b>Humidity</b>	<85%
<b>Motor Brake</b>	Yes DC Electromagnetic	<b>Temperature</b>	-4 ~ 104° F / -20 ~ 40° C
<b>Insulation Grade</b>	F	<b>Noise Level</b>	81 dB
<b>IEC Motor Protection</b>	IP55	<b>Standards Compliance</b>	ASME HST-1 , ASME B30.16, EN60204-32
<b>Dynamic Brake</b>	Only with Optional VFD	<b>Warranty</b>	3 Year
<b>Control</b>	Pendant Control and Optional Wireless		



Dimensions	Model	PWR1M5	PWR2M5	PWR3M5	PWR5M5
	H	16 in / 410 mm	24 in / 615 mm	24 in / 615 mm	33 in / 845 mm
	W	24 in / 620 mm	29 in / 745 mm	29 in / 745 mm	29 in / 745 mm
	D	12 in / 295 mm	17 in / 420 mm	17 in / 420 mm	17 in / 420 mm
	J	1.3 in / 34 mm	1.6 in / 40 mm	1.9 in / 48 mm	1.9 in / 48 mm

<b>H Minimum Headroom</b>	25.6 in / 650 mm	<b>Package 1 Net Weight</b>	147 lbs / 67 Kg
<b>W Width</b>	24 in / 620 mm	<b>Package 1 Width</b>	13 in / 33.02 cm
<b>D Depth</b>	12 in / 295 mm	<b>Package 1 Gross Weight</b>	165 lbs / 75 Kg
<b>J Hook Opening</b>	1.3 in / 34 mm	<b>Package 1 Height</b>	27 in / 68.58 cm
<b>Total Unit Weight</b>	147 lbs / 67 Kg	<b>Package 1 Length</b>	20 in / 50.8 cm