



1/2 Ton Electric Chain Hoist 20 ft. FEC G80 Japan Chain M5/H4 208~240/440~480V

Key features

- Quality is inside: Heavy Duty H3/M4. Aluminum housing, NSK Bearings, USA Chevron Meropa 320 Lub
- US Brand EATON Contactors, All ways Limit Switches, Emergency Stop
- Super Heavy Duty G100 Chain, 25% Stronger than G80. 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

The **M5 Prowinch 1/2 ton Electric Chain Hoist** helps you to easily lift loads with the push of a button. The hoist is powered by a three-phase electrical connection, and the heavy duty motor makes it perfect for use in industrial environments.

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

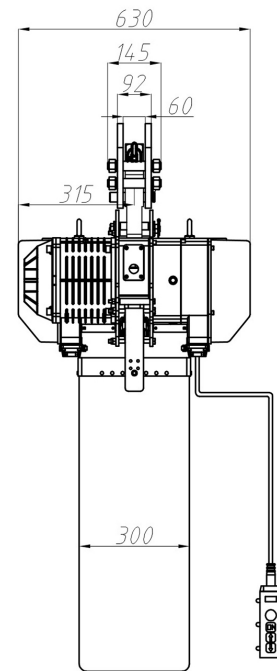
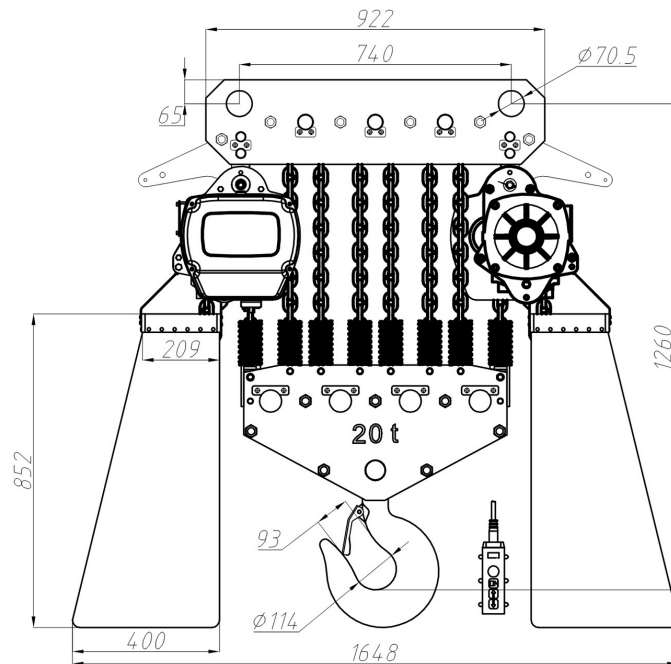
This electric chain hoist comes standard with a pendant control. The length of the control is 4 feet less than the lifting height, which allows it to be easily operated from ground-level. An optional wireless control is available for extra convenience.

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

Rated Load Capacity	1100 lb / 500 kg	Control Voltage	24V
Standard Lifting Height	10 ft / 3 m	Emergency Stop	Yes
Speed /min	9.9 m/min @60Hz / 8.3m/min @50Hz	Transmission / Reducer Type	Spur gearbox with Oil splash lubrication
Number of Speeds	1 Speed	Load Chain Type	G80 JAPAN
Voltage	3 Phase 208~240/440~480V 50/60Hz	Load Chain Size	6.3x19 mm
Duty Class	H4/M5/2m/Class D	Chain Falls	1
Motor/Engine Power	0.9 KW	Chain Length	20 ft / 6 m
Motor RPM	1728@60Hz 1440@50HZ	Humidity	<85%
Motor Brake	Yes DC Electromagnetic	Temperature	-4 ~ 104° F / -20 ~ 40° C
Insulation Grade	F	Noise Level	81 dB
IEC Motor Protection	IP55	Standards Compliance	ASME HST-1 , ASME B30.16, EN60204-32
Dynamic Brake	Only with Optional VFD	Warranty	3 Year
Control	Pendant Control and Optional Wireless		



Unit Weight & Dimensions

H Minimum Headroom	21 in / 530 mm
W Width	20 in / 510 mm
D Depth	12 in / 305 mm
J Hook Opening	1.1 in / 28 mm
Total Unit Weight	109 lbs / 50 Kg

Packaging Weight & Dimensions

Package 1 Net Weight	109 lbs / 49 Kg
Package 1 Width	14 in / 35.56 cm
Package 1 Gross Weight	115 lbs / 52 Kg
Package 1 Height	24 in / 60.96 cm
Package 1 Length	24 in / 60.96 cm