



1 ton 2200 lb 208~240/440~480V 1 Speed Electric Chain Hoist 20ft. G100 Chain H3 Duty

Key features

- Load Capacity: 1 ton (2200 lbs), suitable for medium lifting tasks.
- Voltage Options: 208~240/440~480V, adaptable to different industrial power systems.
- Speed Setting: 1 Speed, providing consistent lifting performance.
- 3 Year Warranty, Customer Support and Service in the USA

Electric Chain Hoist Description

Boost your lifting capabilities with this powerful 1-ton (2200 lb) electric chain hoist. Designed for both 208~240/440~480V power sources, it features a single-speed operation and a 20 ft. lifting height, equipped with a robust G100 chain. With an H3 duty rating, this hoist is built for heavy-duty industrial use, providing reliable performance and durability for a wide range of lifting applications. Ideal for enhancing efficiency and safety in demanding 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 H3 hoists are suitable for general machine shop fabricating, assembly, storage, and warehousing. For uniformly distributed work periods, the hoists have 25% max. operational time per hour and can handle up to 150 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 200 starts per hour. Operational time ratings are calculated at a 65% load factor, as per ASME HST-1-2012.

Control System

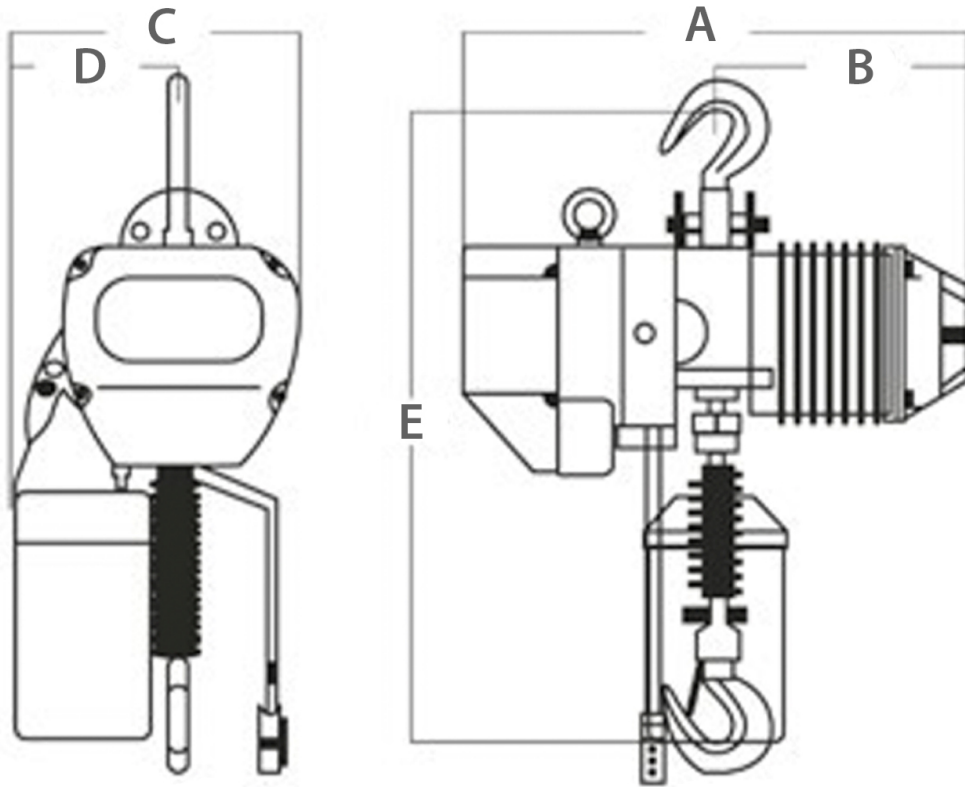
This electric chain hoist comes standard with a pendant control. The length of the control is 4 feet less than the lifting height, which allows it to be easily operated from ground-level. An optional wireless remote control is available for extra convenience.

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	2200 lb / 1000 kg	Control Voltage	24V
Standard Lifting Height	20 ft / 6 m	Emergency Stop	Yes
Speed (f/m) / min	26ft/7.9m@60Hz 22ft/6.6m@50Hz	Contactors	EATON 12 AMP
Number of Speeds	1 Speed	Transmission / Reducer Type	Spur gearbox with Oil splash lubrication
Voltage	3 Phase 208~240/440~480V 50/60Hz	Load Chain Type	G100
Available Voltages	208~240/440~480V for USA and 380/440~480V for CHILE	Load Chain Size	7.1x21 mm
Duty Class	H3/M4/1Am/Class C	Chain Falls	1
Motor Power (6)	1.5 kW	Chain Length	20 ft / 6 m
Motor AMP	7 / 3.5	Humidity	<85%
Motor RPM	1728@60Hz 1440@50HZ	Temperature	-4 ~ 104° F / -20 ~ 40° C
Motor Brake	Yes	Noise Level	81 dB
Insulation Grade	F	Minimum Turn Radius	
IEC Motor Protection	IP55	Standards Compliance	ASME HST-1 , ASME B30.16, EN60204-32
Control	Pendant Control and Optional Wireless	Warranty	3 Year



Dimensions in mm / Dimensiones en mm

Model		PWR05	PWR1	PWR2	PWR3	PWR5
A	mm	460	520	615	615	615
B		230	260	295	295	295
C		288	300	430	430	430
D		178	176	265	265	325
E		530	650	800	845	1.030



Unit Weight & Dimensions

Packaging Weight & Dimensions

H Minimum Headroom	25.5 in / 650 mm	Package 1 Net Weight	136 lbs / 62 Kg
W Width	21.5 in / 520 mm	Package 1 Width	15 in / 38.1 cm
D Depth	11.5 in / 300 mm	Package 1 Gross Weight	147 lbs / 67 Kg
J Hook Opening	32	Package 1 Height	23 in / 58.42 cm
Total Unit Weight	136 lbs / 62 Kg	Package 1 Length	24 in / 60.96 cm