



## 1 ton 2200 lb 208~240/440~480V 2 Speed Electric Chain Hoist 20ft. Lifting Height G100 Chain H3 Duty

### Key features

- Load Capacity: 1 ton (2200 lbs), designed for robust lifting tasks.
- Voltage: 208~240/440~480V, compatible with various electrical systems.
- Speed Setting: 2 Speed, offers versatility for different lifting speeds.
- 3 Year Warranty, Customer Support and Service in the USA

### Electric Chain Hoist Description

Upgrade your lifting capabilities with this 1-ton (2200 lb) electric chain hoist, featuring a 2-speed operation for precise control. Designed for use with 208~240/440~480V power supplies, it accommodates various setups. The 20 ft. lifting height combined with a robust G100 chain ensures maximum durability and strength. Rated H3 Duty, this hoist is engineered for reliable performance in high-demand applications, providing efficiency and safety in industrial environments.

### Prowinch Two Speed 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

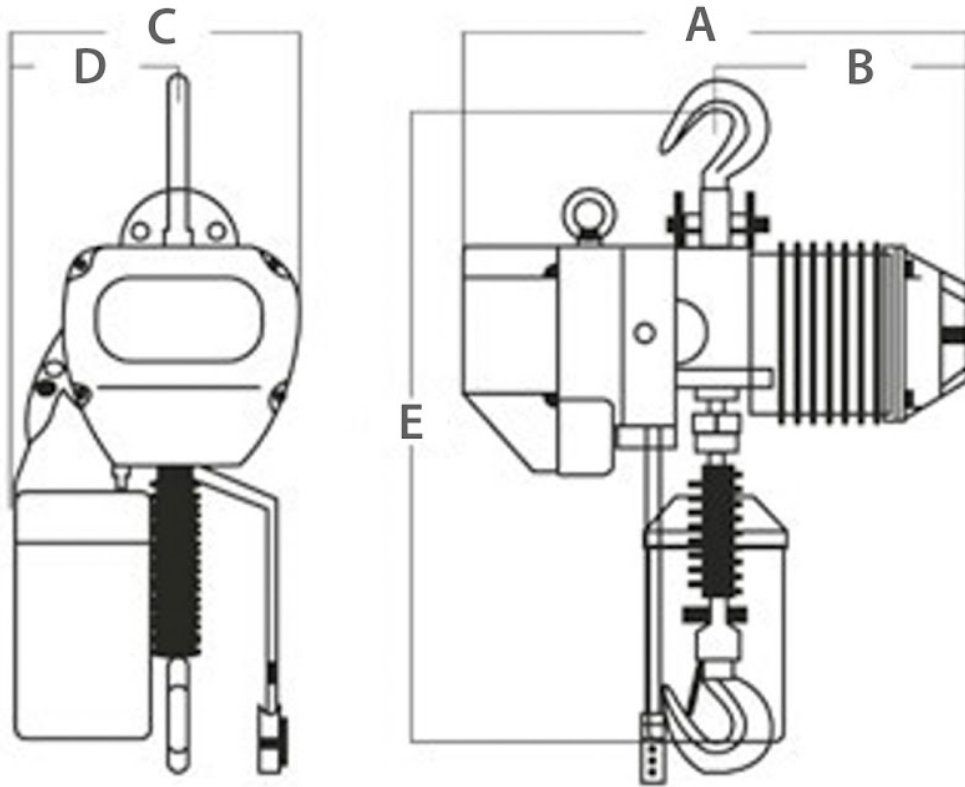
This electric chain hoist comes standard with a pendant control. The length of the control is 4 feet less than the lifting height, which allows it to be easily operated from ground-level. An optional wireless control is available for extra convenience.

### 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 (f/m) / min</b>	9.0 & 27.1 ft/min [2.76 & 8.28 m/min] @60Hz 7.5 & 22.6 ft/min [2.3 & 6.9 m/min] @50Hz	<b>Contactor</b>	EATON 12 AMP
<b>Number of Speeds</b>	2 Speed	<b>Transmission / Reducer Type</b>	Spur gearbox with Oil splash lubrication
<b>Voltage</b>	3 Phase 208~240/440~480V 50/60Hz	<b>Load Chain Type</b>	G100
<b>Available Voltages</b>	208~240/440~480V for USA and 380/440~480V for CHILE	<b>Load Chain Size</b>	7.1x21 mm
<b>Duty Class</b>	H3/M4/1Am/Class C	<b>Chain Falls</b>	1
<b>Motor Power (6)</b>	1.5 kW	<b>Chain Length</b>	20 ft / 6 m
<b>Motor AMP</b>	7 / 3.5	<b>Humidity</b>	<85%
<b>Motor RPM</b>	3456 & 1152@60Hz / 2880 & 960@50Hz	<b>Temperature</b>	-4 ~ 104° F / -20 ~ 40° C
<b>Motor Brake</b>	Yes	<b>Noise Level</b>	81 dB
<b>Insulation Grade</b>	F	<b>Minimum Turn Radius</b>	
<b>IEC Motor Protection</b>	IP55	<b>Standards Compliance</b>	ASME HST-1 , ASME B30.16, EN60204-32
<b>Control</b>	Pendant Control and Optional Wireless	<b>Warranty</b>	3 Year



Dimensions in mm / Dimensiones en mm

Model		PWR05i	PWR1i	PWR2i	PWR3i	PWR5i
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

<b>H Minimum Headroom</b>	25.6 in / 650 mm	<b>Package 1 Net Weight</b>	169 lbs / 77 Kg
<b>W Width</b>	22.9 in / 595 mm	<b>Package 1 Width</b>	15 in / 38.1 cm
<b>D Depth</b>	11.8 in / 300 mm	<b>Package 1 Gross Weight</b>	180 lbs / 82 Kg
<b>J Hook Opening</b>	1.24 in / 32 mm	<b>Package 1 Height</b>	23 in / 58.42 cm
<b>Total Unit Weight</b>	169 lbs / 77 Kg	<b>Package 1 Length</b>	27 in / 68.58 cm