



1 Ton Electric Chain Hoist 2 Speeds 2200 lbs Load Capacity 20ft Lifting Height G100 Chain M4/H3 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

This **1 ton Two-Speed Electric Chain Hoist** has a 20 foot lifting height and uses a powerful motor to raise and lower heavy loads. The three-phase power supply and quick-connect electrical wiring system make it ideal for industrial or home applications.

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

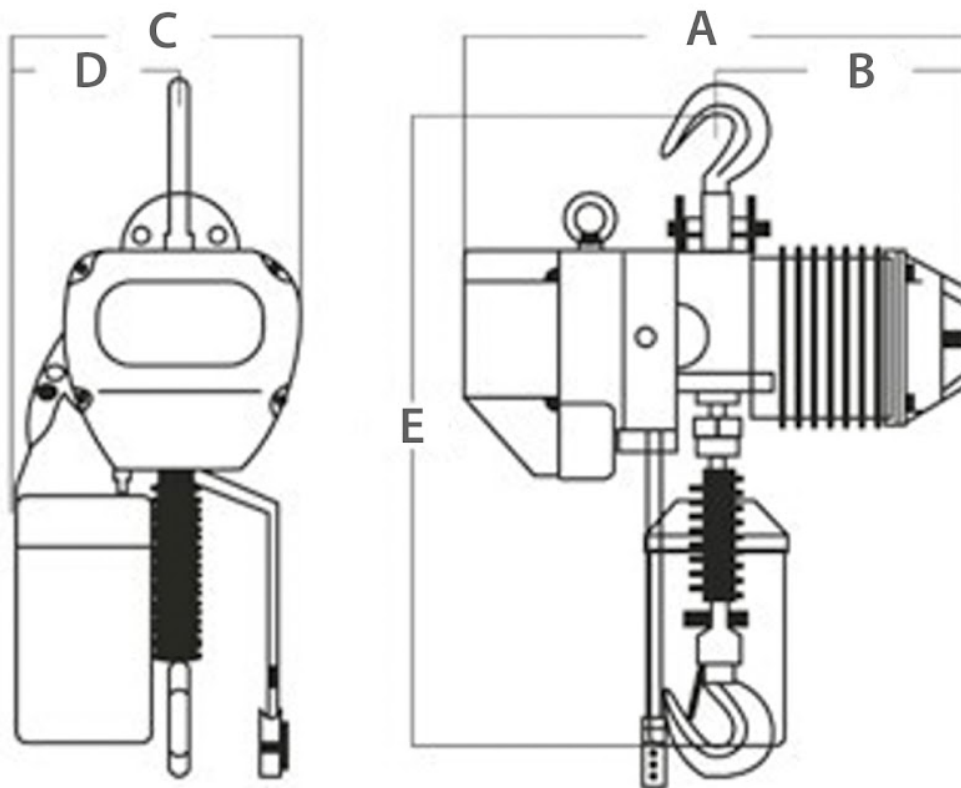
This electric chain hoist comes standard with a pendant control. The length of the control is 4 feet less than the lifting height, which allows it to be easily operated from ground-level. An optional wireless control is available for extra convenience.

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

Rated Load Capacity	2200 lb / 1000 kg	Emergency Stop	Yes
Standard Lifting Height	20 ft / 6 m	Contactors	EATON 12 AMP
Speed /min	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	Transmission / Reducer Type	Spur gearbox with Oil splash lubrication
Number of Speeds	2 Speed	Load Chain Type	G100
Voltage	3 Phase 208~240/440~480V 50/60Hz	Load Chain Size	7.1x21 mm
Duty Class	H3/M4/1Am/Class C	Chain Falls	1
Motor/Engine Power	1.5 kW	Chain Length	20 ft / 6 m
Motor AMP	7 / 3.5	Humidity	<85%
Motor RPM	3456 & 1152@60Hz / 2880 & 960@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
Control Voltage	24V		



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

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