



1/4 ton Electric Chain Hoist w/ Power Trolley 2 Speed 208~240V 3ø 60HZ 13ft G100 Nickel Duty H4/M5

Key features

- Load Capacity: 1/4 ton (500 lbs.), suitable for lighter industrial lifting and material handling tasks.
- Voltage: Dual voltage operation with compatibility for both 208~240V, 3-phase electrical systems at 60Hz.
- 2-Speed Operation: Allows for both fast and slow lifting, offering better control during delicate or precise tasks and faster speeds for general lifting.
- 3 Year Warranty, Customer Support and Service in the USA

Electric Chain Hoist Description

This 1/4-ton electric chain hoist features a power trolley for smooth and efficient horizontal movement. With dual-speed functionality, it offers precise control for lifting operations. It operates on a versatile 208~240V 3-phase 60Hz power supply, making it ideal for light-duty industrial applications that require reliability and flexibility.

Our Dedication to Excellence:

At Prowinch, our unwavering commitment to delivering the best price-performance ratio is evident in every Electric Chain Hoist we produce. We subject each unit to meticulous testing and continuously enhance key components, considering factors that influence lifespan. This commitment ensures that we consistently provide a superior product at an optimal price point.

Enhanced Components:

Internally, each component has undergone substantial upgrades to meet the highest quality standards. Key electronic parts are carefully sourced from reputable brands, while locally manufactured lubricants are employed to fortify the durability of gears and reducers. The final assembly and testing processes take place in the US, guaranteeing that every unit surpasses corresponding standards.

Double Speed Precision:

Our Double Speed Electric Chain Hoist is engineered for versatility in lifting operations. Offering both high and low-speed options, this hoist provides precision and adaptability, making it suitable for a wide range of applications.

Duty Classification:

Choosing the right unit is pivotal, and our M5-rated H4 hoists stand out for their excellence in high-volume handling. Tailored for environments like steel warehouses, machine shops, fabricating plants, and mills, these hoists boast a 50% maximum operational time per hour for uniformly distributed work periods. They can efficiently handle up to 300 starts per hour. In scenarios of infrequent work periods, the hoist can operate for 30 minutes from a cold start with up to 300 starts per hour. Operational time ratings adhere to a 65% load factor, following ASME HST-1-2012 guidelines.

Control System:

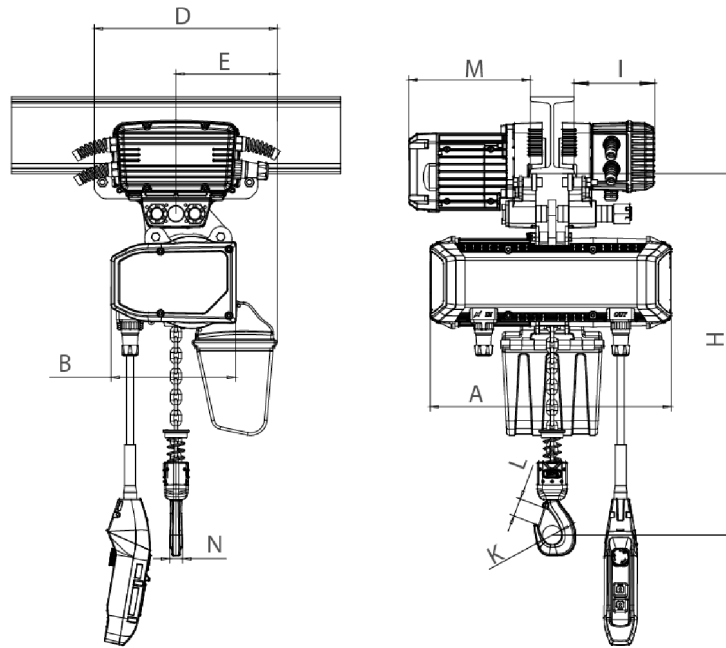
The Double Speed Electric Chain Hoist features an advanced control system, providing flexibility with both high and low-speed options. The standard pendant control, designed with a length 4 feet less than the lifting height, ensures easy operation from ground level. For added convenience, an optional wireless control is available.

Advanced Braking System:

Our hoists feature an electromagnetic brake system, rigorously tested at 125% of the hoist capacity. This system is intelligently designed to engage automatically upon any loss of power, ensuring not only enhanced safety but also precise control over the operation of the hoist.

Technical Specifications

Rated Load Capacity	1/4 ton	Load Chain Size	5mm
Standard Lifting Height	13 ft / 4 m	Chain Falls	1
Speed (f/m) / min	37.79 ft @60Hz mt @50Hz	Chain Length	13
Number of Speeds	2 Speed	Humidity	20%~90%
Voltage	3 Phase 208~240V 50/60Hz	Temperature	-4 ~ 104° F / -20 ~ 40° C
Total Power Watts	750	Trolley Power	250
Duty Class	H4/M5/2m/Class D	Trolley Speed /min	14.17~43.30 ft @60Hz 3.6~11 mt @50Hz
IEC Motor Protection	IP55	Trolley Number of Speeds	2
Control	Pendant Control IP66 and Optional Wireless	I-Beam Width Range	3" to 5"
Control Voltage	48V	Minimum Turn Radius	1.3
Emergency Stop	Yes	Standards Compliance	ASME HST-1 , ASME B30.16 , EN60204-36
Transmission / Reducer Type	Spur gearbox	Warranty	3 Year
Load Chain Type	G100 Nickel		



Rated load (t)	Type	Dimension (mm)									
		Minimum distance from the bottom of the track to the bottom hook: H	A	L	B	D	E	I	M	N	K
0.25-0.5	PWRXT0.25-0.5-VS	473	447	3500-5500	217	334	152	147	220	20	35

Unit Weight & Dimensions

H Minimum Headroom	385
W Width	305
A Total Height	385
J Hook Opening	35

Packaging Weight & Dimensions

Package 1 Net Weight	65.56 lbs / 30 Kg
Package 2 Net Weight	89.1 lbs / 40 Kg
Package 1 Gross Weight	79.2 lbs / 36 Kg
Package 2 Gross Weight	99 lbs / 45 Kg

D Depth	440	Package 1 Length	20 in / 50.8 cm
Total Weight (w/out cable or Chain)	60	Package 2 Length	8 in / 20.32 cm
Total Unit Weight	154.66 lbs / 71 Kg	Package 1 Width	15 in / 38.1 cm
		Package 2 Width	13 in / 33.02 cm
		Package 1 Height	20 in / 50.8 cm
		Package 2 Height	20 in / 50.8 cm