



1/4 ton Electric Chain Hoist 1 Speed 208~240V / 440~480V 3ø 60HZ 13ft G100 Nickel Duty H4/M5

Key features

- Lifting Capacity: 1/4 ton (500 lbs)
- Power Supply Options: 208~240V / 440~480V, 3-phase, 60Hz
- Safety Features: Overload protection and emergency stop for enhanced safety
- 3 Year Warranty, Customer Support and Service in the USA

Electric Chain Hoist Description

The The 1/4 Ton Electric Chain Hoist is engineered for optimal performance in demanding environments. With a lifting capacity of 1/4 ton, it operates efficiently on dual voltage options of 208~240V / 440~480V, 3-phase, 60Hz. This hoist features a single speed for reliable lifting, a 13-foot chain length for versatile applications, and a G100 nickel-plated chain that ensures durability. Designed for H4/M5 duty cycles, it is ideal for various industrial settings, providing both safety and efficiency.

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.

Single Speed Efficiency:

Our Single Speed Electric Chain Hoist is designed for straightforward yet efficient lifting operations. Perfect for applications where a consistent lifting speed is paramount, this hoist offers reliability and ease of use.

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:

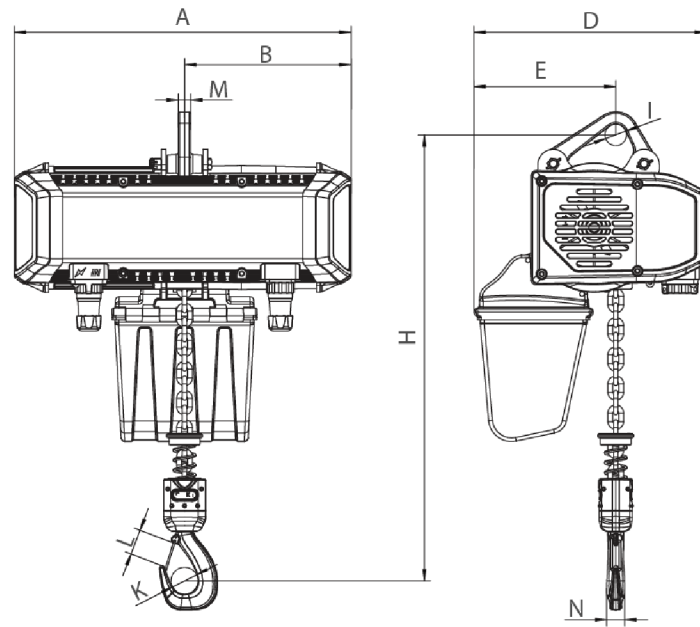
The Single Speed Electric Chain Hoist comes with a standard pendant control, designed with a length 4 feet less than the lifting height, ensuring easy operation from ground level. For added convenience, an optional wireless control is available.

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	Chain Length	13
Standard Lifting Height	13 ft / 4 m	Humidity	20%~90%
Speed (f/m) / min	37.79 ft @60Hz 9.6 mt @50Hz	Temperature	-4 ~ 104° F / -20 ~ 40° C
Number of Speeds	1 Speed	Standards Compliance	ASME HST-1 , ASME B30.16 , EN60204-36
Voltage	3 Phase 208~240/440~480V 50/60Hz	Warranty	3 Year
Total Power Watts	500	Hoist UL Components	UL Listed Contactors
Duty Class	H4/M5/2m/Class D	Hoist Motor Power in KW	0.5
IEC Motor Protection	IP55	Hour Meter	Internal Working Hour Meter
Control	Pendant Control IP66 and Optional Wireless	Hoist Motor Insulation Grade	F
Control Voltage	48V	Hoist Contactor Coil Voltage	48V
Emergency Stop	Yes	Hoist Contactors Amps	10A
Transmission / Reducer Type	Spur gearbox	Hoist Contactor Brand	Schneider
Load Chain Type	G100 Nikel	IEC Hoist IP Protection	IP55
Load Chain Size	5mm	IEC Pendant Control Protection	IP66
Chain Falls	1	Hoist Motor Brake Type and DC Voltage	DC99V/DC207V



[Size list: mm]

Rated load (t)	Type	Minimum distance between hooks: H	A	B	D	E	I	M	N	K	L
0-25-0-5	PWRXF0-25-0-5-VS	399	447	217	337	179	31	16	20	35	31

Unit Weight & Dimensions

H Minimum Headroom	385
J Hook Opening	35
A Total Height	385
Total Weight (w/out cable or Chain)	56
D Depth	440
1st Package Type	Wood Crate
W Width	305
Total Unit Weight	61.16 lbs / 28 Kg

Packaging Weight & Dimensions

Package 1 Net Weight	61.16 lbs / 28 Kg
Package 1 Width	15 in / 38.1 cm
Package 1 Gross Weight	74.8 lbs / 34 Kg
Package 1 Height	20 in / 50.8 cm
Package 1 Length	20 in / 50.8 cm