



1/2 ton Electric Chain Hoist w/ Power Trolley 1 Speed 380V 3ø 50HZ 13ft G100 Nickel Duty H4/M5

Key features

- Load Capacity: 1/2 ton (1000 lbs), designed for moderate lifting tasks.
- 3 Phase: Ensures efficient power distribution and operation in industrial environments.
- Single Speed Operation: Provides a consistent lifting speed for straightforward lifting applications.
- 3 Year Warranty, Customer Support and Service in the USA

Electric Chain Hoist Description

This 1/2-ton electric chain hoist features a power trolley for smooth horizontal movement and single-speed operation. Designed for a 380V 3-phase 50Hz power supply, it provides reliable and efficient lifting performance, making it suitable for various industrial applications.

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:

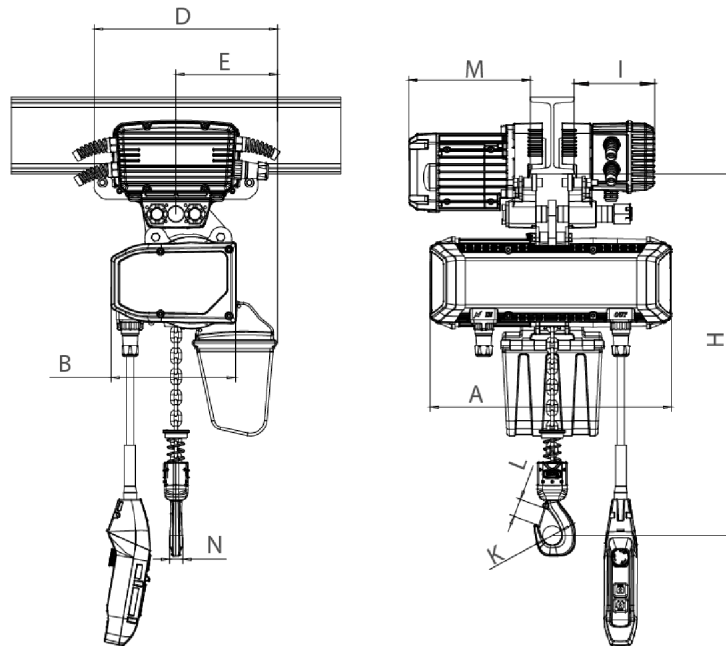
The Single Speed Electric Chain Hoist comes with a standard pendant control, designed with a length 4 feet less than the lifting height, ensuring easy operation from ground level. For added convenience, an optional wireless control is available.

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	1/2 ton	Chain Length	13
Capacity Range	1	Load Chain weight per foot [lbs]	0.36
Voltage	3 Phase 380V 50Hz	Humidity	20%~90%
Standard Lifting Height	13 ft / 4 m	Temperature	-4 ~ 104° F / -20 ~ 40° C
Speed (f/m) / min	31.49 ft @60Hz 8 mt @50Hz	Transmission / Reducer Type	Spur gearbox
Number of Speeds	1 Speed	Reducer Lubrication Type	Oil
Hoist Contactors Amps	10A	Paint Specifications	Electrostatic Sprayed Plastic (ESP) Epoxy resins, Polyester Resins, Barium, Pigments
Hoist Contactor Brand	Schneider	Standards Compliance	ASME HST-1 , ASME B30.16 , EN60204-37
Hoist UL Components	UL Listed Contactors	Standards Certified	CE
Hoist Contactor Coil Voltage	48V	Trolley Power	500
Duty Class	H4/M5/2m/Class D	Trolley Number of Speeds	1
IEC Hoist IP Protection	IP55	Trolley Speed /min	43.30 ft @60Hz 11 mt @50Hz
IEC Motor Protection	IP55	Trolley Motor Brake Type and DC Voltage	DC170V
Pendant Control Yes No	Yes	Trolley Motor Insulation Grade	F
IEC Pendant Control Protection	IP66	Trolley Contactors Amps	20A
Pendant Control Emergency Stop	Yes	Trolley Contactors Brand	Schneider
Pendant Control total Length	10 ft	Trolley Contactors Coil Voltage	48V
Hoist Motor Power in KW	0.75	Trolley Wheel Diameter	95
Hoist Motor Brake Type and DC Voltage	DC170V	Trolley Wheel Material	No. 45 steel
Hoist Motor Insulation Grade	F	Trolley Minimum Turn Radius	1.3
Total Power Watts	1000	Trolley Beam Range	3" to 5"
Power Cord Length and Phase Order	3 ft / Red L1, White L2 and Black L3, Green ground	Trolley Beam Extension Kit	up to 12"
Recommended Hoist Protection Circuit Breaker AMPs and Type	Type D 10A	Overload Protection	Overload Motor Clutch
Optional Load Chain Brand & Country of Origin	FEC Japan	Hour Meter	Internal Working Hour Meter
Load Chain Type	G100 Nikel	Brake SKU	PWRX-0.25-0.5-PN.4.11
Load Chain Size	6.3mm	Brake rectifiers-half-wave	PWRX-BKTF-HW
Chain Falls	1		



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
0.25	PWRXT0.25-01	473	440	3500-5500	285	210	20	105	140
0.5	PWRXT0.5-01	473	440		285	210	20	105	140

Unit Weight & Dimensions

A Total Height	396
J Hook Opening	35
W Width	305
H Minimum Headroom	396

Packaging Weight & Dimensions

Package 1 Height	20 in / 50.8 cm
Package 2 Height	20 in / 50.8 cm
Package 1 Width	15 in / 38.1 cm
Package 2 Width	13 in / 33.02 cm

D Depth	440	Package 1 Length	20 in / 50.8 cm
1st Package Type	Wood Crate	Package 2 Length	8 in / 20.32 cm
Total Weight (w/out cable or Chain)	56	Package 1 Net Weight	61.16 lbs / 28 Kg
2nd Package Type	Wood Crate	Package 2 Net Weight	62.48 lbs / 28 Kg
Total Unit Weight	123.64 lbs / 57 Kg	Package 1 Gross Weight	74.8 lbs / 34 Kg
		Package 2 Gross Weight	70.4 lbs / 32 Kg