



1 ton Electric Chain Hoist 2 Speed 208~240V / 440~480V 3ø 60HZ 20ft G100 Nickel Duty H4/M5

Key features

- Lifting Capacity: 1 ton (2,000 lbs)
- Power Supply Options: 208~240V or 440~480V, 3-phase, 60Hz
- Speed Options: Two-speed operation for enhanced control and precision
- 3 Year Warranty, Customer Support and Service in the USA

Electric Chain Hoist Description

The 1 Ton Electric Chain Hoist with dual speed functionality is designed for versatility and efficiency in heavy lifting applications. Capable of lifting up to 1 ton, this hoist operates on dual voltage options of 208~240V / 440~480V, 3-phase, 60Hz. Its two-speed operation allows for precise control, making it ideal for a variety of tasks that require both power and finesse. Built for durability and safety, this hoist is perfect for demanding industrial environments.

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:

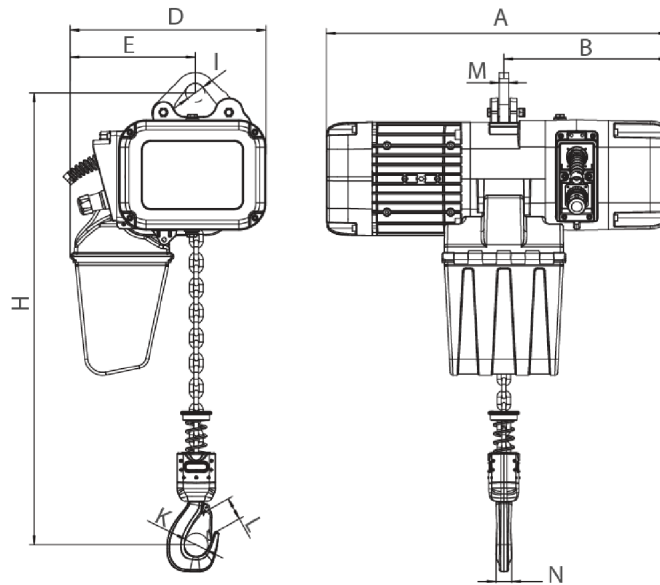
The Double Speed Electric Chain Hoist features an advanced control system, providing flexibility with both high and low-speed options. The standard pendant control, designed with a length 4 feet less than the lifting height, ensures easy operation from ground level. For added convenience, an optional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

Recommended Hoist Protection Circuit Breaker AMPs and Type	Type D 20A at 220V and 15A at 460V	Emergency Stop	Yes
Power Cord Length and Phase Order	3 ft / Black L1 , Red L2 and Blue L3 Green ground	Transmission / Reducer Type	Spur gearbox
Pendant Control Yes No	Yes	Load Chain Type	G100 Nickel
Pendant Control Emergency Stop	Yes	Load Chain Size	7.1 mm
Paint Specifications	Electrostatic Sprayed Plastic (ESP) Epoxy resins, Polyester Resins, Barium, Pigments	Chain Falls	1
Overload Protection	Overload Motor Clutch	Chain Length	20
Optional Load Chain Brand & Country of Origin	FEC Japan	Humidity	20%~90%
Standards Certified	CE	Temperature	-4 ~ 104° F / -20 ~ 40° C
Brake SKU	PWRX-1-PN.60.61	Standards Compliance	ASME HST-1 , ASME B30.16 , EN60204-33
Brake rectifiers-half-wave	PWRX-BKTF-HW	Warranty	3 Year
Brake rectifiers-full-wave	PWRX-BKTF-FW	Hoist Motor Power in KW	1.5
Rated Load Capacity	1 ton	Hour Meter	Internal Working Hour Meter
Standard Lifting Height	20 ft / 6 m	Reducer Lubrication Type	Oil
Speed (f/m) / min	25.60 ft @60Hz 6.50 mt @50Hz	Hoist Motor Insulation Grade	F
Number of Speeds	2 Speed	Hoist Contactor Coil Voltage	24 V
Voltage	3 Phase 208~240/440~480V 50/60Hz	Hoist Contactors Amps	18A
Total Power Watts	1500	Hoist Contactor Brand	Schneider
Duty Class	H4/M5/2m/Class D	IEC Hoist IP Protection	IP55
IEC Motor Protection	IP55	IEC Pendant Control Protection	IP66
Control	Pendant Control IP66 and Optional Wireless	Hoist Motor Brake Type and DC Voltage	DC99V/DC207V
Control Voltage	24V	Pendant Control total Length	17 ft



[Size list: mm]

Rated load (t)	Type	Minimum distance between hooks: H	A	B	D	E	I	M	N	K	L
1	PWRXF1-01	455	590	276	330	210	32	16	25	42	32
2	PWRXF2-01	550	590	276	330	210	38	20	35	52	42
3	PWRXF3-01	560	695	350	420	265	45	20	34	59	48
5	PWRXF5-02	675	695	350	420	307	55	28	44	60	48

Unit Weight & Dimensions

H Minimum Headroom	516
J Hook Opening	42
A Total Height	455
Total Weight (w/out cable or Chain)	86
D Depth	590
1st Package Type	Wood Crate
W Width	330

Packaging Weight & Dimensions

Package 1 Net Weight	101.64 lbs / 46 Kg
Package 1 Width	16 in / 40.64 cm
Package 1 Gross Weight	209 lbs / 95 Kg
Package 1 Height	26 in / 66.04 cm
Package 1 Length	26 in / 66.04 cm

Total Unit Weight

101.64 lbs / 47 Kg