



1/2 ton Electric Chain Hoist w/ Power Trolley 1 Speed 208~240V / 440~480V 3ø 60HZ

Key features

- Heavy Duty H4/M5 US and EC Standards ASME HST-1 , ASME B30.16 , EN14492-2 , EN60204-32
- Patented Overload Motor Slip Protection with Heavy Duty Electromagnetic Disk Brake
- German Brand Schneider UL Listed Contactors, Dual System Limit Switches, Emergency Stop
- Super Heavy Duty G100 Nickel Chain, 25% Stronger than G80. Standard ASTM A973

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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:

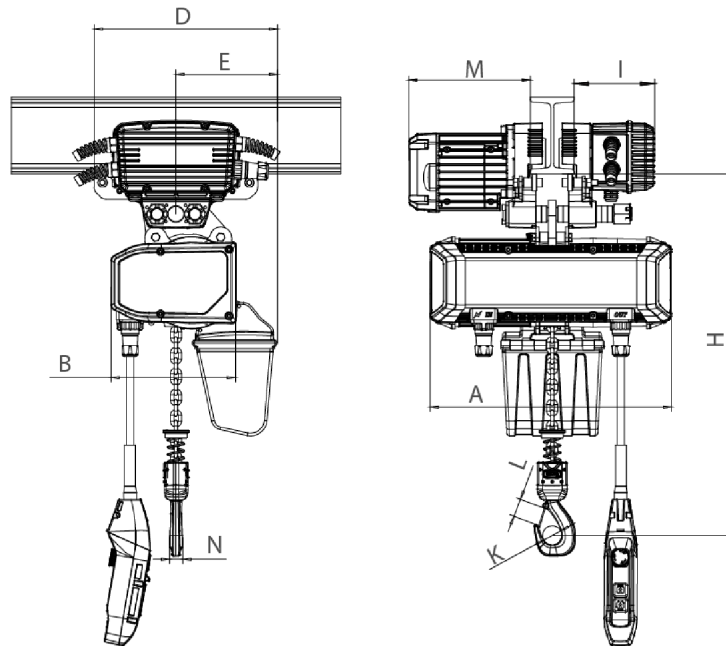
Our hoists feature an electromagnetic brake system, rigorously tested at 125% of the hoist capacity. This system is intelligently designed to engage automatically upon any loss of power, ensuring not only enhanced safety but also precise control over the operation of the hoist.

Technical Specifications

Rated Load Capacity	1/2 ton	Load Chain weight per foot [lbs]	0.58
Capacity Range	2	Humidity	20%~90%
Voltage	3 Phase 208~240/440~480V 50/60Hz	Temperature	-4 ~ 104° F / -20 ~ 40° C
Standard Lifting Height	13 ft / 4 m	Transmission / Reducer Type	Spur gearbox
Speed (f/m) / min	31.49 ft @60Hz 8 mt @50Hz	Reducer Lubrication Type	Oil
Number of Speeds	1 Speed	Paint Specifications	Electrostatic Sprayed Plastic (ESP) Epoxy resins, Polyester Resins, Barium, Pigments
Hoist Contactors Amps	10A	Standards Compliance	ASME HST-1 , ASME B30.16 , EN60204-37
Hoist Contactor Brand	Schneider	Standards Certified	CE
Hoist UL Components	UL Listed Contactors	Trolley Power	500
Hoist Contactor Coil Voltage	48V	Trolley Number of Speeds	1
Duty Class	H4/M5/2m/Class D	Trolley Speed /min	43,296 ft @60Hz 11 mt @50Hz
IEC Hoist IP Protection	IP55	Trolley Motor Brake Type and DC Voltage	DC99V/DC207V
IEC Motor Protection	IP55	Trolley Motor Insulation Grade	F
Pendant Control Yes No	Yes	Trolley Contactors Amps	20A
IEC Pendant Control Protection	IP66	Trolley Contactors Brand	Schneider
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	DC99V/DC207V	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 / Black L1 , Red L2 and Blue L3 Green ground	Trolley Beam Extension Kit	up to 12"
Recommended Hoist Protection Circuit Breaker AMPs and Type	Type D 15A at 220V and 10A at 460V	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	Brake rectifiers-full-wave	PWRX-BKTF-FW

Chain Length

13



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)	53	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