



## 1/2 ton Electric Chain Hoist w/ Power Trolley 2 Speed 208~240V 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

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

### 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:

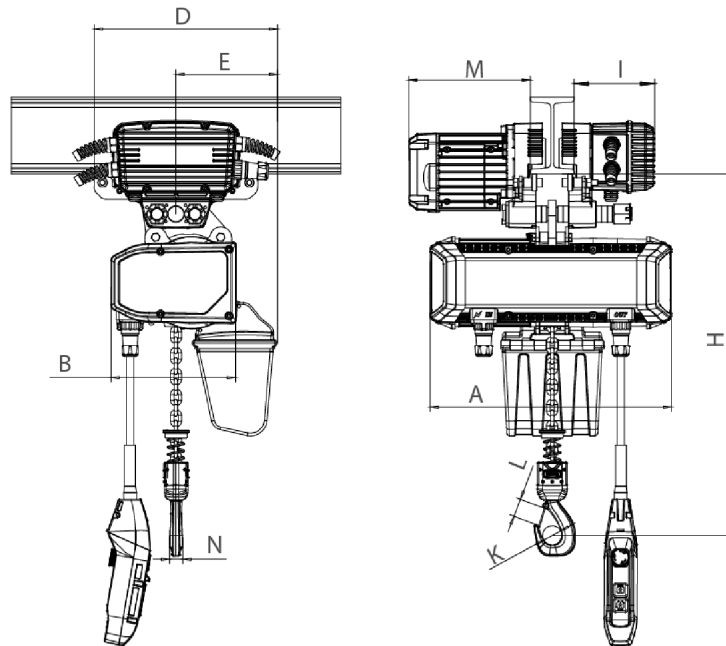
Our hoists feature an electromagnetic brake system, rigorously tested at 125% of the hoist capacity. This system is intelligently designed to engage automatically upon any loss of power, ensuring not only enhanced safety but also precise control over the operation of the hoist.

## Technical Specifications

<b>Rated Load Capacity</b>	1/2 ton	<b>Load Chain weight per foot [lbs]</b>	0.58
<b>Capacity Range</b>	2	<b>Humidity</b>	20%~90%
<b>Voltage</b>	3 Phase 208~240V	<b>Temperature</b>	-4 ~ 104° F / -20 ~ 40° C
<b>Standard Lifting Height</b>	13 ft / 4 m	<b>Transmission / Reducer Type</b>	Spur gearbox
<b>Speed (f/m) / min</b>	31.49 ft @60Hz mt @50Hz	<b>Reducer Lubrication Type</b>	Oil
<b>Number of Speeds</b>	2 Speed	<b>Paint Specifications</b>	Electrostatic Sprayed Plastic (ESP) Epoxy resins, Polyester Resins, Barium, Pigments
<b>Hoist Contactors Amps</b>	10A	<b>Standards Compliance</b>	ASME HST-1 , ASME B30.16 , EN60204-37
<b>Hoist Contactor Brand</b>	Schneider	<b>Standards Certified</b>	CE
<b>Hoist UL Components</b>	UL Listed Contactors	<b>Trolley Power</b>	500
<b>Hoist Contactor Coil Voltage</b>	48V	<b>Trolley Number of Speeds</b>	2
<b>Duty Class</b>	H4/M5/2m/Class D	<b>Trolley Speed /min</b>	14.17~43.30 ft @60Hz 3.6~11 mt @50Hz
<b>IEC Hoist IP Protection</b>	IP55	<b>Trolley Motor Brake Type and DC Voltage</b>	DC99V
<b>IEC Motor Protection</b>	IP55	<b>Trolley Motor Insulation Grade</b>	F
<b>Pendant Control Yes No</b>	Yes	<b>Trolley Contactors Amps</b>	20A
<b>IEC Pendant Control Protection</b>	IP66	<b>Trolley Contactors Brand</b>	Schneider
<b>Pendant Control Emergency Stop</b>	Yes	<b>Trolley Contactors Brand</b>	Schneider
<b>Pendant Control total Length</b>	10 ft	<b>Trolley Contactors Coil Voltage</b>	48V
<b>Hoist Motor Power in KW</b>	0.75	<b>Trolley Wheel Diameter</b>	95
<b>Hoist Motor Brake Type and DC Voltage</b>	DC99V	<b>Trolley Wheel Material</b>	No. 45 steel
<b>Hoist Motor Insulation Grade</b>	F	<b>Trolley Minimum Turn Radius</b>	1.3
<b>Total Power Watts</b>	1000	<b>Trolley Beam Range</b>	3" to 5"
<b>Power Cord Length and Phase Order</b>	3 ft / Black L1 , Red L2 and Blue L3]Green ground	<b>Trolley Beam Extension Kit</b>	up to 12"
<b>Recommended Hoist Protection Circuit Breaker AMPS and Type</b>	Type D 15A at 220V and 10A at 460V	<b>Overload Protection</b>	Overload Motor Clutch
<b>Optional Load Chain Brand &amp; Country of Origin</b>	FEC Japan	<b>Hour Meter</b>	Internal Working Hour Meter
<b>Load Chain Type</b>	G100 Nikel	<b>Brake SKU</b>	PWRX-0.25-0.5-PN.4.11
<b>Load Chain Size</b>	6.3mm	<b>Brake rectifiers-half-wave</b>	PWRX-BKTF-HW
<b>Chain Falls</b>	1	<b>Brake rectifiers-full-wave</b>	PWRX-BKTF-FW

Chain Length

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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

<b>A Total Height</b>	396
<b>J Hook Opening</b>	35
<b>W Width</b>	305
<b>H Minimum Headroom</b>	396

## Packaging Weight & Dimensions

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

<b>D Depth</b>	440	<b>Package 1 Length</b>	20 in / 50.8 cm
<b>1st Package Type</b>	Wood Crate	<b>Package 2 Length</b>	8 in / 20.32 cm
<b>Total Weight (w/out cable or Chain)</b>	58	<b>Package 1 Net Weight</b>	65.56 lbs / 30 Kg
<b>2nd Package Type</b>	Wood Crate	<b>Package 2 Net Weight</b>	100.1 lbs / 45 Kg
<b>Total Unit Weight</b>	165.66 lbs / 76 Kg	<b>Package 1 Gross Weight</b>	79.2 lbs / 36 Kg
		<b>Package 2 Gross Weight</b>	110 lbs / 50 Kg