



## 3 ton Electric Chain Hoist 2 Speed 575V 3ø 50/60HZ 30ft G100 Nickel Duty H4/M5

### Key features

- Load Capacity: Lifts up to 3 tons (6,600 lbs.), suitable for heavy-duty lifting tasks.
- Voltage: Operates on 575V 3-phase electrical systems
- Speed: Dual-speed operation for precise control and versatility in handling loads.
- 3 Year Warranty, Customer Support and Service in the USA

### Electric Chain Hoist Description

This 3-ton electric chain hoist features dual speed settings for versatile lifting. It operates on a 575V  $\pm 10\%$  3-phase 50~60HZ power supply, offering reliable and efficient performance for heavy-duty industrial applications with flexible speed options.

### 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:

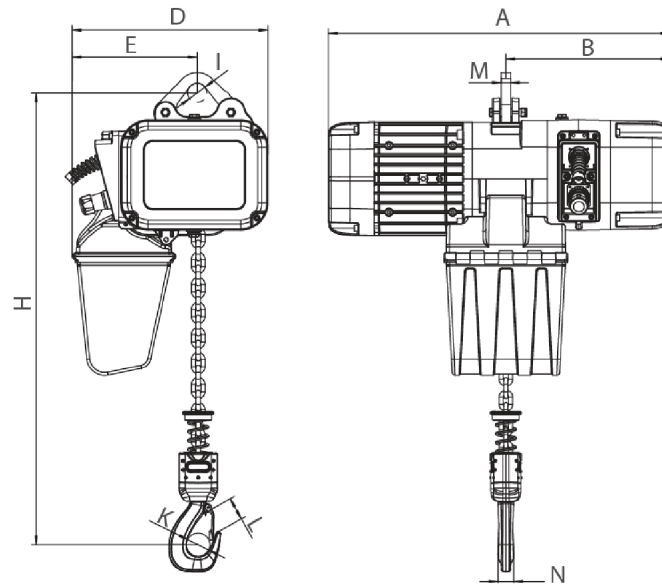
The Double Speed Electric Chain Hoist features an advanced control system, providing flexibility with both high and low-speed options. The standard pendant control, designed with a length 4 feet less than the lifting height, ensures easy operation from ground level. For added convenience, an optional 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>	3 ton	<b>Emergency Stop</b>	Yes
<b>Standard Lifting Height</b>	30 ft / 9 m	<b>Transmission / Reducer Type</b>	Spur gearbox
<b>Speed (f/m) / min</b>	11.1/21.2 ft @60Hz 1.7/5.4 mt @50Hz	<b>Load Chain Type</b>	G100 Nickel
<b>Number of Speeds</b>	2 Speed	<b>Load Chain Size</b>	11.2 mm
<b>Voltage</b>	3 Phase 575v 50/60 Hz	<b>Chain Falls</b>	1
<b>Total Power Watts</b>	3000	<b>Chain Length</b>	30
<b>Duty Class</b>	H4/M5/2m/Class D	<b>Humidity</b>	20%~90%
<b>IEC Motor Protection</b>	IP55	<b>Temperature</b>	-4 ~ 104° F / -20 ~ 40° C
<b>Control</b>	Pendant Control IP66 and Optional Wireless	<b>Standards Compliance</b>	ASME HST-1 , ASME B30.16 , EN60204-35
<b>Control Voltage</b>	24V	<b>Warranty</b>	3 Year



[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

<b>H Minimum Headroom</b>	645
<b>W Width</b>	420
<b>A Total Height</b>	560
<b>J Hook Opening</b>	59
<b>D Depth</b>	695
<b>Total Weight (w/out cable or Chain)</b>	130
<b>Total Unit Weight</b>	184.8 lbs / 84 Kg

## Packaging Weight & Dimensions

<b>Package 1 Net Weight</b>	184.8 lbs / 84 Kg
<b>Package 1 Width</b>	20 in / 50.8 cm
<b>Package 1 Gross Weight</b>	330 lbs / 150 Kg
<b>Package 1 Height</b>	31 in / 78.74 cm
<b>Package 1 Length</b>	30 in / 76.2 cm