



3 ton Electric Chain Hoist w/ Power Trolley 2 Speed 208~240V / 440~480V 3ø 60HZ 30ft G100 Nickel Duty H4/M5

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.

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:

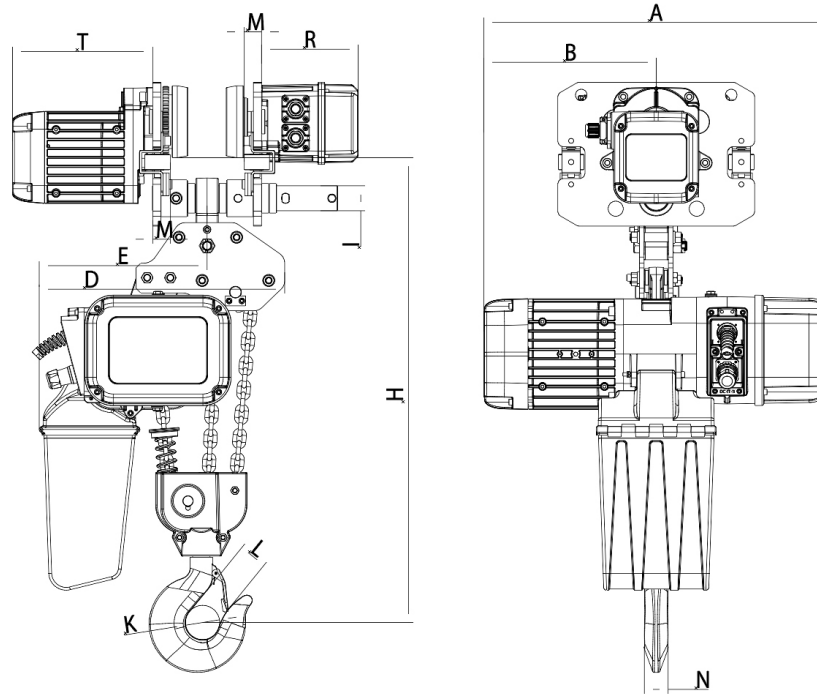
The Double Speed Electric Chain Hoist features an advanced control system, providing flexibility with both high and low-speed options. The standard pendant control, designed with a length 4 feet less than the lifting height, ensures easy operation from ground level. For added convenience, an optional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

Rated Load Capacity	3 ton	Load Chain weight per foot [lbs]	1.83
Capacity Range	4	Humidity	20%~90%
Voltage	3 Phase 208~240/440~480V 50/60Hz	Temperature	-4 ~ 104° F / -20 ~ 40° C
Standard Lifting Height	30 ft / 9 m	Transmission / Reducer Type	Spur gearbox
Speed (f/m) / min	11.1/ 21.2 ft @60Hz 1.7/5.4 mt @50Hz	Reducer Lubrication Type	Oil
Hoist Contactors Amps	25A	Paint Specifications	Electrostatic Sprayed Plastic (ESP) Epoxy resins, Polyester Resins, Barium, Pigments
Hoist Contactor Brand	Schneider	Standards Compliance	ASME HST-1 , ASME B30.16 , B30.17 , EN60204-35
Hoist Contactor Coil Voltage	24 V	Standards Certified	CE
Duty Class	H4/M5/2m/Class D	Trolley Power	500
IEC Hoist IP Protection	IP55	Trolley Number of Speeds	2
IEC Motor Protection	IP55	Trolley Speed /min	14.17~43.30 ft @60Hz 3.6~11 mt @50Hz
Pendant Control Yes No	Yes	Trolley Motor Brake Type and DC Voltage	DC99V/DC207V
IEC Pendant Control Protection	IP66	Trolley Motor Insulation Grade	F
Pendant Control Emergency Stop	Yes	Trolley Contactors Amps	32A
Pendant Control total Length	27 ft	Trolley Contactors Brand	Schneider
Hoist Motor Power in KW	3	Trolley Contactors Coil Voltage	24 V
Hoist Motor Brake Type and DC Voltage	DC99V/DC207V	Trolley Wheel Diameter	124
Hoist Motor Insulation Grade	F	Trolley Wheel Material	No. 45 steel
Total Power Watts	3500	Trolley Minimum Turn Radius	1.6
Power Cord Length and Phase Order	3 ft / Black L1 , Red L2 and Blue L3 Green ground	Trolley Beam Range	3.9" to 7"
Recommended Hoist Protection Circuit Breaker AMPS and Type	Type D 25A at 220V and 20A at 460V	Trolley Beam Extension Kit	up to 12"
Optional Load Chain Brand & Country of Origin	FEC Japan	Overload Protection	Overload Motor Clutch
Load Chain Type	G100 Nikel	Hour Meter	Internal Working Hour Meter
Load Chain Size	11.2 mm	Brake SKU	PWRX-2-20-PN.60.61
Chain Falls	1	Brake rectifiers-half-wave	PWRX-BKTF-HW
Chain Length	30	Brake rectifiers-full-wave	PWRX-BKTF-FW



H	A	B	D	E	I	M	N	K	L	T	R
762	590	276	425	290	43	30	34	59	48	242	167

Unit Weight & Dimensions

A Total Height	645
J Hook Opening	59
W Width	350
H Minimum Headroom	645
D Depth	681
1st Package Type	Wood Crate
Total Weight (w/out cable or Chain)	130
2nd Package Type	Wood Crate
Total Unit Weight	357.5 lbs / 163 Kg

Packaging Weight & Dimensions

Package 1 Height	31 in / 78.74 cm
Package 2 Height	23 in / 58.42 cm
Package 1 Width	20 in / 50.8 cm
Package 2 Width	14 in / 35.56 cm
Package 1 Length	30 in / 76.2 cm
Package 2 Length	11 in / 27.94 cm
Package 1 Net Weight	184.8 lbs / 84 Kg
Package 2 Net Weight	172.7 lbs / 78 Kg
Package 1 Gross Weight	330 lbs / 150 Kg
Package 2 Gross Weight	187 lbs / 85 Kg