



## 3 ton Industrial Electric Winch Dual Voltage 208~240V / 440~480V 3 Phase

### Key features

- Double Brake for Added Safety. Reducer brake and Motor Brake are Standard.
- Low Voltage IP66 Remote Control with Emergency Stop.
- Complete Line of Optional Accessories such as Drivers, Wireless and Desk Controls, and More.
- US ASME B30.7 and EC EN14492-2 , EN60204-32 Standard
- 3 Year Warranty, Customer Support and Service in the USA

### Compact Winch Description

The **Prowinch 6448 lbs compact winch** is a dependable solution for a wide variety of industries. There are a variety of optional add-ons available for a more customized experience. This winch is an excellent choice for a variety of industries such as mining, logging, and manufacturing.

### Prowinch Compact Winch

All of our compact winches are created with the goal of offering the best price-performance ratio. Key components such as lifespan factors are constantly tested and improved in order to offer the best product for the price.

### Key Components

All internal components have been upgraded to meet the highest quality standards. Key electronic components are produced by American or German brands, and we use American-made lubricants to ensure the lifespan of gears and reducers. Final assembly and all tests are performed locally at Prowinch facility before shipping to ensure that every unit meets the corresponding standard.

### Duty Classification

Duty Classification is a key factor when choosing the right unit. This H4 heavy duty industrial winch is suitable for high-volume handling in mining, construction, forestry, manufacturing plants and mills, and foundries. For uniformly distributed work periods, the winches have 50% max. operational time per hour and can handle up to 300 starts per hour. When being used for infrequent work periods, the winch can be operated for 30 minutes from a cold start with up to 300 starts per hour. Operational time ratings are calculated at a 65% load factor, as per ASME Standard.

### Control System

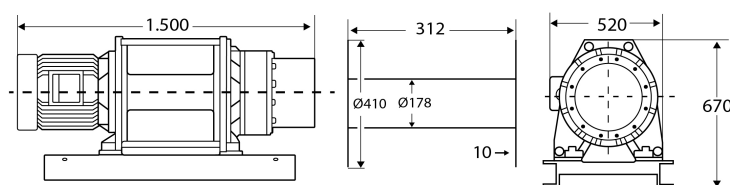
For this winch we offer different control options: single speed IP66 control with up , down, and emergency stop, a variable speed control with a dynamic brake and an SEW Eurodrive German Driver or Lenze USA Driver, wireless remote controls, or a PWZR series full desktop control with Touch Screen controls and indicators, overload protection, and alarms to give the operator all the necessary information for a safe operation of the winch and much more. The winch contains the best electric components available on the market and is made, assembled and tested by Prowinch locally in the US, Chile, or Colombia.

### Braking System

Prowinch compact winches includes two brakes, one reducer brake and one motor brake. For additional safety we also offer an optional drum brake and dynamic brake. All brake systems are tested at 125% of the rated winch capacity and are designed to automatically engage immediately upon any loss of power.

## Technical Specifications

<b>1st Layer Rated Capacity</b>	6448 lb / 2925 kg	<b>Control</b>	E-Stop/Up/Down - Optional Variable Speed
<b>Speed /min</b>	40~58 ft/min / 13~18 m/min	<b>Control Voltage</b>	24V
<b>Number of Speeds</b>	1 Speed - Optional Variable Speed	<b>Reducer Brake</b>	1 @125%
<b>Voltage</b>	3 Phase 208~240/440~480V 50/60Hz	<b>Drum Brake</b>	Optional
<b>Duty Class</b>	H4/M6/3m/Class D	<b>Wire Rope</b>	ø1/2 in x 492 ft   ø13 mm x 150 m
<b>Motor/Engine Power</b>	6 kW	<b>Humidity</b>	<85%
<b>Motor RPM</b>	1728 rpm @ 60HZ / 1440 rpm @ 50HZ	<b>Temperature</b>	-4 ~ 104° F / -20 ~ 40° C
<b>Motor Brake</b>	1 @125%	<b>Noise Level</b>	85 db
<b>Insulation Grade</b>	F	<b>Standards Compliance</b>	ASME/ANSI B30.7, B30.10 / AWS D14.3 / RR-W-410E / ISO 2232
<b>IEC Motor Protection</b>	IP54	<b>Warranty</b>	3 Year
<b>Dynamic Brake</b>	Optional		



Dimensions in mm / Dimensiones en mm

	Layer / Capa	Rope on drum / Mts x Capa	Lifting x layer / Cap x Capa	Speed / Velocidad (per min)
INCLUDED	1	44 ft / 13 m	6449 lb / 2925 kg	34.9 ft / 10.6 m
	2	94 ft / 29 m	5713 lb / 2591 kg	39.3 ft / 12 m
	3	149 ft / 45 m	5127 lb / 2326 kg	43.8 ft / 13.4 m
	4	201 ft / 64 m	4651 lb / 2110 kg	48.3 ft / 14.7 m
	5	277 ft / 84 m	4256 lb / 1930 kg	52.8 ft / 16.1 m
	6	349 ft / 106 m	3922 lb / 1779 kg	57.3 ft / 17.5 m
	7	427 ft / 130 m	3637 lb / 1650 kg	61.8 ft / 18.8 m
	8	511 ft / 156 m	3391 lb / 1538 kg	66.3 ft / 20.2 m

## Unit Weight & Dimensions

<b>A Total Height</b>	670 mm	<b>Package 1 Net Weight</b>	1113.00 lbs / 505 Kg
<b>BD Barrel Diameter</b>	ø178 mm	<b>Package 1 Width</b>	27 in / 68.58 cm
<b>D Depth</b>	520 mm	<b>Package 1 Gross Weight</b>	1113 lbs / 505 Kg
<b>FD Flange Diameter</b>	ø410 mm	<b>Package 1 Height</b>	32 in / 81.28 cm
<b>W Width</b>	1500 mm	<b>Package 1 Length</b>	65 in / 165.1 cm
<b>DL Drum Length</b>	312 mm		
<b>Total Unit Weight</b>	1113 lbs / 505 Kg		

## Packaging Weight & Dimensions