



## 2300 lb Heavy Duty Winch 480V 3 Phase SEW UL Motor UL508A Control Variable Speed Made in USA

### Key features

- Heavy Duty Variable Speed Winch Invertek Driver
- 3 Brakes: Motor Brake, Reducer Brake and Dynamic Brake
- UL508A Certified Control Panel
- SEW Eurodrive Motor w/Brake and Forced Ventilation
- 3 Year Warranty, Customer Support and Service in the USA

### Compact Winch Description

The **Prowinch 2300 lbs compact winch** allows you to easily pull heavy loads. The strong motor makes it perfect for use in a wide variety of situations and environments. There are a variety of optional add-ons available for a more customized experience.

## Technical Specifications

<b>Rated Load Capacity</b>	2300 lb	<b>VFD Power</b>	4 kW
<b>1st Layer Rated Capacity</b>	2318 Lb / 1054 Kg @ 60HZ	<b>Recommended Resistance</b>	PW-RS-1500-250x2
<b>Last Layer Rated Capacity</b>	1654 Lb / 752 Kg	<b>Dynamic Brake</b>	PW-RS-2000-200x2 (4 kw - 100 Ohms)
<b>Standard Lifting Height</b>	271 ft / 83 m	<b>Control</b>	Pendant Control - 2 Button Emergency Stop and Speed Potentiometer
<b>Number of Layers</b>	5	<b>Control Voltage</b>	24v DC
<b>Speed (f/m) / min</b>	1st Layer 56 ft/min 5th Layer 79.62 ft/min @ 60HZ	<b>Emergency Stop</b>	Yes
<b>Number of Speeds</b>	Variable Speed	<b>Electric Control Box</b>	UL508A Certified Control Box - Made in USA
<b>Capacity Range</b>	2	<b>Operating Temperature Range</b>	-4 ~ 104° F / -20 ~ 40° C
<b>Voltage</b>	3 Phase 380~480V	<b>Transmission / Reducer Type</b>	Planetary Gear Reducer
<b>Input Phases</b>	3	<b>Gear Ratio</b>	57:1
<b>MCB UL489</b>	15 Amp Type B	<b>Reducer Brake</b>	PW Electromagnetic Brake Disc 125% Rated Load
<b>UL508 Disconnect Switch</b>	MCCB 2-position lockable in ON-OFF, defeatable, NEMA 12, OSHA 1910.147	<b>Drum Brake</b>	Optional
<b>Total Power Watts</b>	4 kW	<b>Design Factor</b>	6.5:1
<b>Duty Class</b>	H4/M6/3m/Class D	<b>D/d Ratio</b>	18.95
<b>Motor Brand and Model</b>	SEW Eurodrive DRN100L4/BE5HR/FF/V	<b>Recommended Wire Rope</b>	281 ft W63612A1, 6x36 IWRC ø 3/8 MS 15100 lb EIPS
<b>Motor/Engine Type</b>	TEFC with DC Brake and Forced Vent	<b>Drum Type</b>	Plain (Optional Cross over Grooved)
<b>Motor/Engine Power</b>	3.7 kW	<b>Humidity</b>	<85%
<b>Motor AMP</b>	7.2 A	<b>Noise Level</b>	83 db
<b>Motor Poles</b>	4	<b>Standards Compliance</b>	ASME B30.7 / UL508A / UL Type 4 / USA (UR) / Canada (CSA)
<b>Motor RPM</b>	1758	<b>Made in</b>	USA
<b>Motor Brake</b>	SEW BE5HR Electromagnetic Brake Disc	<b>Warranty</b>	3 Year
<b>Insulation Grade</b>	F	<b>Fuse UL489</b>	15 Amp Class T
<b>IEC Motor Protection</b>	IP55	<b>UL File</b>	NITW.E524056 / NITW7.E524056
<b>IEC Electric Control Box Protection</b>	IP66	<b>Personnel Lifting Capacity</b>	800 lb as per ASME B30.23
<b>Variable Frequency Driver</b>	Invertek ODP-2-24050-3HF42-MN		

## Unit Weight & Dimensions

<b>BD Barrel Diameter</b>	ø180 mm
<b>DL Drum Length</b>	240 mm
<b>FD Flange Diameter</b>	ø289 mm
<b>Total Unit Weight</b>	385 lbs / 175 Kg

## Packaging Weight & Dimensions

<b>Package 1 Net Weight</b>	385 lbs / 175 Kg
<b>Package 1 Width</b>	41 in / 104.14 cm
<b>Package 1 Gross Weight</b>	415 lbs / 188 Kg
<b>Package 1 Height</b>	20 in / 50.8 cm
<b>Package 1 Length</b>	24 in / 60.96 cm