



30000 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 30000 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

Rated Load Capacity	30000 lb	Recommended Resistance	PW-RS-6000-67x5
1st Layer Rated Capacity	29978 Lb / 13626 Kg @ 60HZ	Dynamic Brake	PW-RS-6000-72x6 (36 kw - 12 Ohms)
Last Layer Rated Capacity	19036 Lb / 8653 Kg	Control	Pendant Control - 2 Button Emergency Stop and Speed Potentiometer
Standard Lifting Height	1128 ft / 344 m	Control Voltage	24v DC
Number of Layers	6	Emergency Stop	Yes
Speed /min	1st Layer 35 ft/min 7th Layer 55 ft/min @ 60HZ	Electric Control Box	UL508A Certified Control Box - Made in USA
Number of Speeds	Variable Speed	Operating Temperature Range	-4 ~ 104° F / -20 ~ 40° C
Voltage	3 Phase 380~480V	Transmission / Reducer Type	Planetary Gear Reducer
Input Phases	3	Gear Ratio	157:1
MCB UL489	100 Amp Type B	Reducer Brake	PW Electromagnetic Brake Disc 125% Rated Load
UL508 Disconnect Switch	MCCB 2-position lockable in ON-OFF, defeatable, NEMA 12, OSHA 1910.147	Drum Brake	Optional
Total Power Watts	37 kW	Design Factor	4.1:1
Duty Class	H4/M6/3m/Class D	D/d Ratio	17.05
Motor/Engine Type	TEFC with DC Brake and Forced Vent	Recommended Wire Rope	1138 ft W63634A1, 6x36 IWRC ø 1 1/16 MS 123800 lb EIPS
Motor/Engine Power	30 kW	Drum Type	Plain (Optional Cross over Grooved)
Motor AMP	48.4	Humidity	<85%
Motor Poles	6	Noise Level	83 db
Motor RPM	1180	Standards Compliance	ASME B30.7 / UL508A / UL Type 4 / USA (UR) / Canada (CSA)
Insulation Grade	F	Made in	USA
IEC Motor Protection	IP55	Warranty	3 Year
IEC Electric Control Box Protection	IP66	Fuse UL489	100 Amp Class T
Variable Frequency Driver	Invertek ODP-2-54050-3HF42-MN	UL File	NITW.E524056 / NITW7.E524056
VFD Power	37 kW	Personnel Lifting Capacity	8500 lb as per ASME B30.23

Unit Weight & Dimensions

BD Barrel Diameter	ø460 mm
DL Drum Length	838 mm
FD Flange Diameter	ø840 mm