



7700 lb Heavy Duty Winch 240V 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 7700 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.

Technical Specifications

Rated Load Capacity	7700 lb	VFD Power	7.5 kW
1st Layer Rated Capacity	7729 Lb / 3513 Kg @ 60HZ	Recommended Resistance	PW-RS-4500-44x2
Last Layer Rated Capacity	4223 Lb / 1297 Kg	Dynamic Brake	PW-RS-3200-20x2 (6.4 kw - 10 Ohms)
Standard Lifting Height	573 ft / 175 m	Control	Pendant Control - 2 Button Emergency Stop and Speed Potentiometer
Number of Layers	8	Control Voltage	24v DC
Speed /min	1st Layer 25 ft/min 8th Layer 46 ft/min @ 60HZ	Emergency Stop	Yes
Number of Speeds	Variable Speed	Electric Control Box	UL508A Certified Control Box - Made in USA
Voltage	3 Phase 208~240V	Operating Temperature Range	-4 ~ 104° F / -20 ~ 40° C
Input Phases	3	Transmission / Reducer Type	Planetary Gear Reducer
MCB UL489	50 Amp Type B	Gear Ratio	127.49:1
UL508 Disconnect Switch	MCCB 2-position lockable in ON-OFF, defeatable, NEMA 12, OSHA 1910.147	Reducer Brake	PW Electromagnetic Brake Disc 125% Rated Load
Total Power Watts	7.5 kW	Drum Brake	Optional
Duty Class	H4/M6/3m/Class D	Design Factor	3.58:1
Motor Brand and Model	SEW Eurodrive DRN132S4/BE11HR/FF/V	D/d Ratio	16.02
Motor/Engine Type	TEFC with DC Brake and Forced Vent	Recommended Wire Rope	583 ft W63614A1, 6x36 IWRC ø7/16 MS 20400 lb EIPS
Motor/Engine Power	6 kW	Drum Type	Plain (Optional Cross over Grooved)
Motor AMP	21.5 A	Humidity	<85%
Motor Poles	4	Noise Level	83 db
Motor RPM	1768	Standards Compliance	ASME B30.7 / UL508A / UL Type 4 / USA (UR) / Canada (CSA)
Motor Brake	SEW BE11HR Electromagnetic Brake Disc	Made in	USA
Insulation Grade	F	Warranty	3 Year
IEC Motor Protection	IP55	Fuse UL489	50 Amp Class T
IEC Electric Control Box Protection	IP66	UL File	NITW.E524056 / NITW7.E524056
Variable Frequency Driver	Invertek ODP-2-42100-3HF42-MN	Personnel Lifting Capacity	2100 lb as per ASME B30.23

Unit Weight & Dimensions

BD Barrel Diameter	ø178 mm
DL Drum Length	312 mm
FD Flange Diameter	ø410 mm