



## **16000 lb Heavy Duty Winch 240V 3 Phase Bonfiglioli (Italy) UL Certified Motor UL508A Control 1 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
- Bonfiglioli (Italy) UL Certified Motor
- 3 Year Warranty, Customer Support and Service in the USA

### **Compact Winch Description**

The **Prowinch 16000 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>	16000 lb	<b>Variable Frequency Driver</b>	Fuji Electric IEC contactor, 125A, (3) N.O. power contact(s), 24 VAC/VDC
<b>1st Layer Rated Capacity</b>	160383 Lb / 7290 Kg @ 60HZ	<b>Control</b>	Pendant Control - 2 Button Emergency Stop and 1 Speed Up and Down
<b>Last Layer Rated Capacity</b>	11589 Lb / 5268Kg	<b>Control Voltage</b>	24v DC
<b>Standard Lifting Height</b>	522 ft / 159 m	<b>Emergency Stop</b>	Yes
<b>Number of Layers</b>	4	<b>Electric Control Box</b>	UL508A Certified Control Box - Made in USA
<b>Speed /min</b>	1st Layer 32 ft/min 6th Layer 45 ft/min @ 60HZ	<b>Operating Temperature Range</b>	-4 ~ 104° F / -20 ~ 40° C
<b>Number of Speeds</b>	1 Speed	<b>Transmission / Reducer Type</b>	Planetary Gear Reducer
<b>Voltage</b>	3 Phase 208~240V	<b>Gear Ratio</b>	186.25:1
<b>Input Phases</b>	3	<b>Reducer Brake</b>	PW Electromagnetic Brake Disc 125% Rated Load
<b>MCB UL489</b>	100 Amp Type B	<b>Drum Brake</b>	Optional
<b>UL508 Disconnect Switch</b>	MCCB 2-position lockable in ON-OFF, defeatable, NEMA 12, OSHA 1910.147	<b>Design Factor</b>	4.96
<b>Total Power Watts</b>	15KW	<b>D/d Ratio</b>	15.32
<b>Duty Class</b>	H4/M6/3m/Class D	<b>Recommended Wire Rope</b>	532 ft W63628A1, 6x36 IWRC ø 7/8 MS 79600 lb EIPS
<b>Motor Brand and Model</b>	Bonfiglioli 8AF64002A - BX 160L 4 230/460-60 IP55 CLF B5 FD 200 R SB 460 SA CUS	<b>Drum Type</b>	Plain (Optional Cross over Grooved)
<b>Motor/Engine Type</b>	TEFC with DC Brake and Forced Vent	<b>Humidity</b>	<85%
<b>Motor/Engine Power</b>	15 kW	<b>Noise Level</b>	83 db
<b>Motor AMP</b>	49 A	<b>Standards Compliance</b>	ASME B30.7 / UL508A / UL Type 4 / USA (UR) / Canada (CSA)
<b>Motor Poles</b>	4	<b>Made in</b>	USA
<b>Motor RPM</b>	1770	<b>Warranty</b>	3 Year
<b>Motor Brake</b>	Bonfiglioli FD Electromagnetic Brake Disc 200 [Nm] / 1770 [LbIn]	<b>Fuse UL489</b>	100 Amp Class T
<b>Insulation Grade</b>	F	<b>UL File</b>	NITW.E524056 / NITW7.E524056
<b>IEC Motor Protection</b>	IP55	<b>Personnel Lifting Capacity</b>	5000 lb as per ASME B30.23
<b>IEC Electric Control Box Protection</b>	IP66		

## Unit Weight & Dimensions

<b>BD Barrel Diameter</b>	ø340 mm
<b>DL Drum Length</b>	707 mm
<b>FD Flange Diameter</b>	ø550 mm
<b>Total Weight (w/out cable or Chain)</b>	2630 lbs