



Application: Oceanographic Research

Description:

- Single drum electrically driven winch of AISI 316 stainless steel construction.
- Right angle planetary gearbox driven with a TEFC Brake motor (VFD)
- Failsafe brake engages when power is lost.
- Will accommodate customer supplied Focal Model 180/215 slip ring assembly.
- Chain driven diamond screw levelwind for improved spooling with keepers to contain the cable.

Option: A J-Frame can be added to the assembly. It has a snatch block style hanging sheave and bolts on to the winch. It is driven by an Electric Cylinder (Ball screw) coupled to a TEFC brake motor. The J-Frame is of AISI316 stainless steel construction.

<b>Specifications / Performance</b>	
<b>WINCH</b>	
Line Pull (Bare Drum)	500 lbs @ 130 ft/min
Drum Capacity	1,600 ft of 15.75 mm electro-optical cable
Brake Capacity (Bare Drum)	1,250 lbs @ bare drum
Drum Dimensions	Flange dia. 36", Core dia. 24", Distance between flanges: 19"
Electric Input	480V / 3Ph / 60Hz
Winch Drive Motor	3 HP, 1800 RPM
Winch Drive	VFD with internal brake resistor
<b>J-FRAME (OPTION)</b>	
J-frame Load Rating	1,250 lbs cable tension
J-frame Overboard Reach	2 m
Actuator Motor	0.5 HP, 1800 RPM