

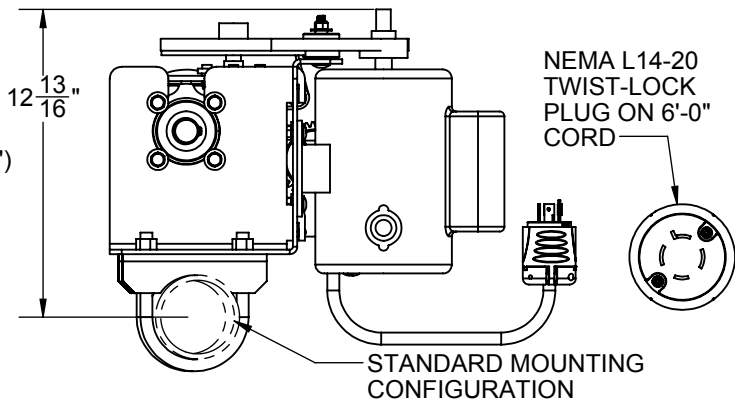
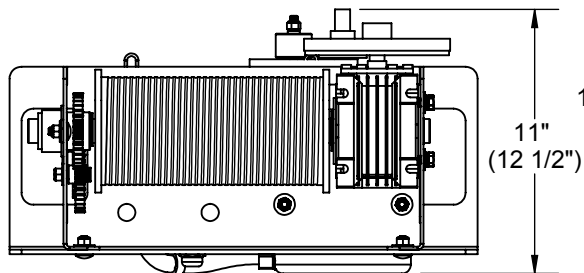
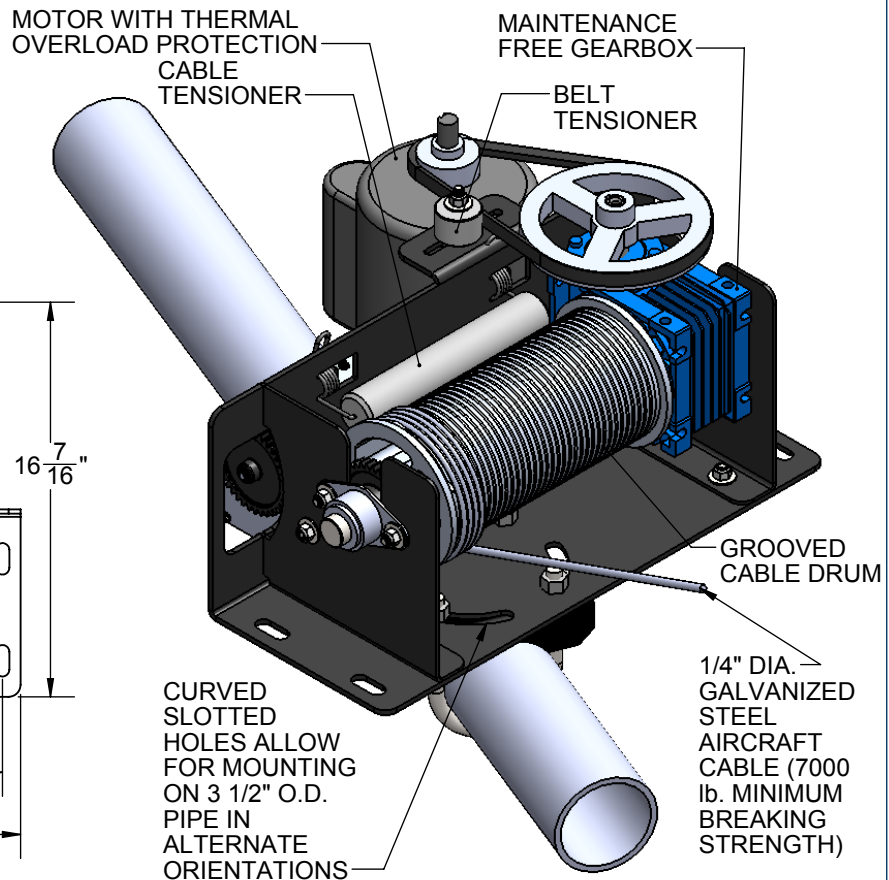
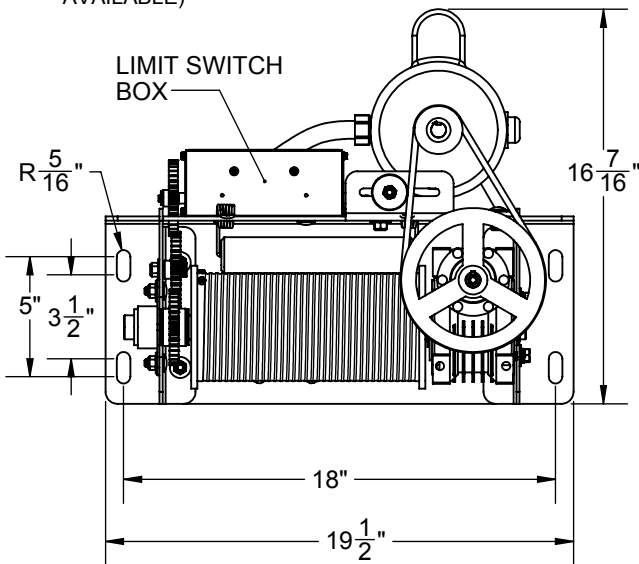
# 712 & 713 - ELECTRIC WINCH

## ELECTRIC WINCHES 3/4 HP & 1 HP

### WARNING

USE OF PORTER WINCHES ON PRODUCTS OTHER THAN BASKETBALL BACKSTOPS, GYMNASIUM DIVIDER CURTAINS, OR OVERHEAD VOLLEYBALL SYSTEMS IS **EXPRESSLY PROHIBITED.**

WINCH FURNISHED COMPLETE WITH MOUNTING BRACKETS FOR 3 1/2" O.D. PIPE. (OTHER MOUNTING CONFIGURATIONS ARE AVAILABLE)



### SELECT WINCH AND ACCESSORIES

- ☐ 712 - 3/4 HP ELECTRIC WINCH
- ☐ 713 - 1 HP ELECTRIC WINCH
- ☐ ELEC000470G0 - COVERPLATE FOR RECEPTACLE
- ☐ ELEC00042100 - RECEPTACLE

INDICATE TYPE OF CONTROL FOR WINCH. SEE THE FOLLOWING PAGES FOR SPECIFICATIONS AND FIELD WIRING DETAILS FOR EACH CONTROL SYSTEM:

- ☐ SEE E-791 - KEY SWITCH CONTROL
- ☐ SEE E-2002 - SPORTSONIC II RADIO CONTROL SYSTEM
- ☐ SEE E-2002-5 - SPORTSONIC II DUAL-MODE RADIO CONTROL/KEY SWITCH SYSTEM
- ☐ SEE E-2550 - POWR-TOUCH 2.5 KEY PAD CONTROL SYSTEM
- ☐ SEE E-5000 - POWR-TOUCH 5 REMOTE CONTROL SYSTEM

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### SPECIFICATIONS

#### PORTER No. 712 - 3/4 HP ELECTRIC WINCH PORTER No. 713 - 1 HP ELECTRIC WINCH

Winch is worm gear type, designed to hold backstop at any position when raising or lowering. Winch frame is heavy gage painted steel. The cable drum is extruded aluminum, machined with grooves to provide neat and consistent cable tracking. A torsion spring tensioner ensures cable will keep alignment, even under no load. Cable provided is 1/4" 7x19 galvanized steel aircraft cable. Drum will hold 41 ft of cable on a single layer. The top speed of the cable is 14.3 feet per minute.

The heat-dissipating gearbox contains a worm and gear set in a factory-filled oil bath which is completely sealed for maintenance free service. No additional braking is required.

Winch to be operated mechanically by means of a 3/4 hp (10.2 Amps, loaded) or 1 hp (11.4 Amps, loaded) capacitor type 60 cycle, 115 Volt, single phase electric motor with automatic thermal overload protection manufactured to NEMA specifications. The motor is rated for a 15 minute duty cycle. The motor shall drive the winch by means of a connecting V-belt and pulleys. Using the standard 6" pulley, output torque is 170 ft-lbs for the 712 winch or 226 ft-lbs for the 713 winch.

Drum shall be mechanically interconnected to an Up-Down limit switch assembly, which shall be mounted and pre-wired to motor as an integral part of the winch. Limit switch assembly shall be furnished in an extruded aluminum housing. For detailed limit setting instructions, refer to INST00179022. Winch shall be pre-wired with a 6'-0" long covered cable with NEMA L14-20 twist-lock grounded type plug attached.

Electric winches are available with an array of control options. See the reverse page to find more details of each option, and to make your controller selection.

Winch may be mounted in any orientation, provided there is sufficient clear area for cable travel and cable wraps in the correct direction. The 712 winch weighs 60 lbs and the 713 winch weighs 66 lbs.

Wiring of all electrical components shall be in accordance with local codes, and in accordance with manufacturer's instructions.

All conduit, wiring, junction boxes, and components not specified herein shall be furnished and installed by the electrical contractor.

#### Warranty

712 and 713 winches are provided with a 5 year limited warranty.

#### LEED® Submittal Information:

| Credit                    | Measure  |
|---------------------------|--|
| MRc4 - Recycled Content   | Post-Consumer Average 5%      Post-Industrial 0%   |
| MRc5 - Regional Materials | Raw materials originate from multiple sources so origin point cannot be determined.<br>Final Manufacturing/Assembly in Champaign, IL 61822 |