

# 702 - DOUBLE DRUM WINCH

WINCH FOR OVERHEAD VOLLEYBALL SYSTEMS

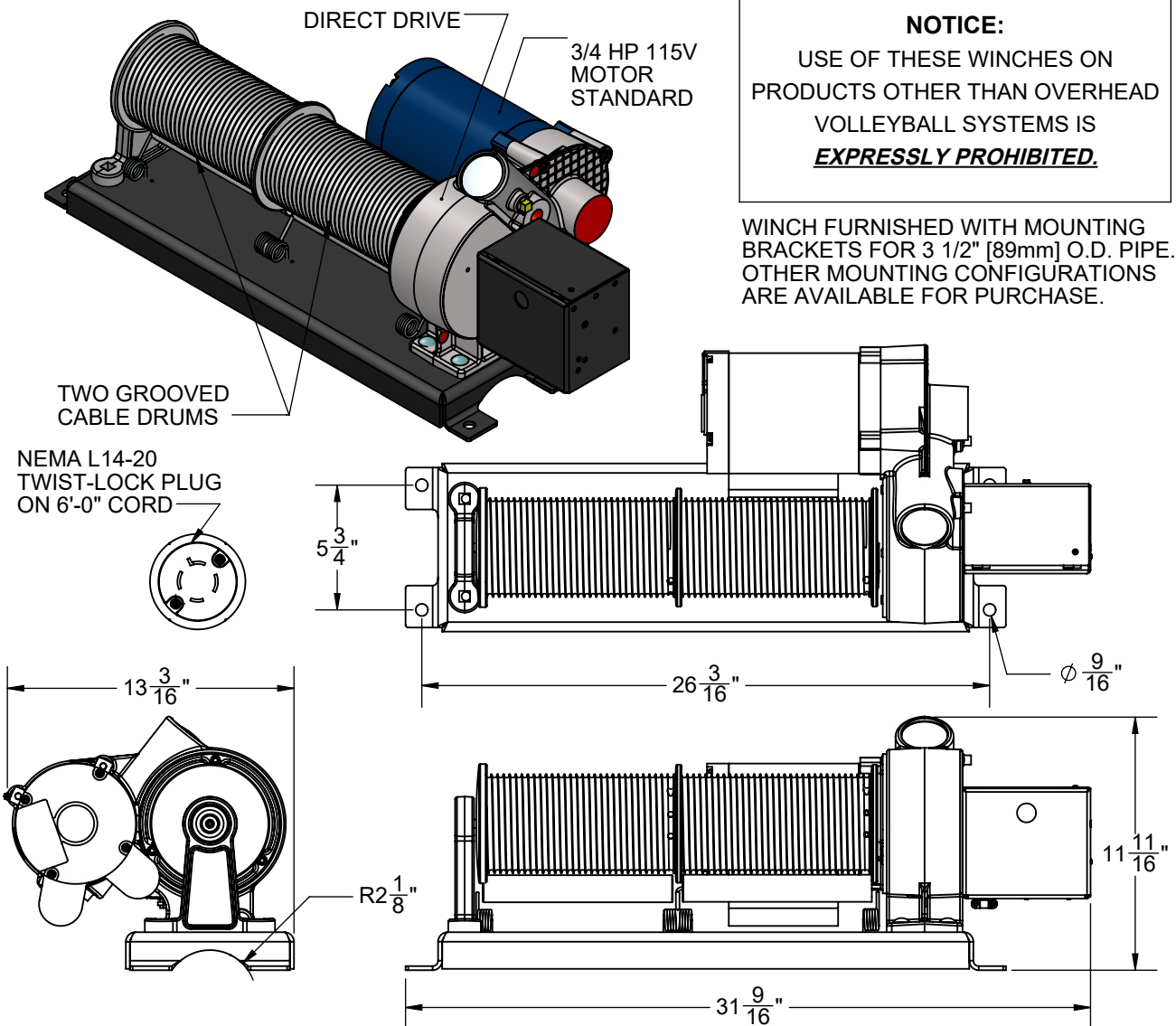
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VOLLEYBALL SPECIFICATION SHEET

V-702

12/14/2021



## SELECT WINCH AND ACCESSORIES

- ☐ 702 - 3/4 HP 115V DOUBLE DRUM 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-12700 - POWR-TOUCH 4 TOUCHSCREEN CONTROL SYSTEM
- ☐ SEE E-5000 - POWR-TOUCH 5 REMOTE CONTROL SYSTEM

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PROJECT NUMBER

PROJECT NAME

# 702 - DOUBLE DRUM WINCH

## WINCH FOR OVERHEAD VOLLEYBALL SYSTEMS

### SPECIFICATIONS

#### PORTER No. 702 - 3/4HP DOUBLE DRUM ELECTRIC WINCH

Winch is worm gear type, designed to hold overhead volleyball system at any position when raising or lowering. Winch frame is heavy gage painted steel. The two adjacent 4-1/2" diameter cable drums are cast aluminum, 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" [6.5mm] 7x19 galvanized steel aircraft cable. Drum will hold 35 ft [10.7m] of cable on a single layer. The top speed of the cable is 9.7 feet per minute [3.0m/min].

The heat-dissipating gearbox contains a worm and gear set in a factory-filled oil bath which is completely sealed for maintenance free service. The winch features positive locking in the double reduction worm gear drive that provides 200:1 reduction rate for a strong hold under load. No additional braking is required.

Winch to be operated mechanically by means of a 3/4 hp capacitor type 60 Hz, 115V, single phase, instant reversing electric motor manufactured to NEMA specifications. Motor includes thermal overload protection that is governed to stall at 14A. The motor full-load amperage is 13.5A. The motor is rated for a 20 minute duty cycle at 40 C ambient temperature. The C-face motor shall directly drive the winch gear.

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 a steel housing.

Winch shall be pre-wired with a 6'-0" [1.83m] long covered cable with NEMA L14-20 twist-lock grounded type plug attached.

Winch may be mounted in any orientation, provided there is sufficient clear area for cable travel and cable wraps in the correct direction.

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**

Winches are provided with a 5 year limited warranty.