

708XXX - 3-PHASE BACKSTOP WINCH

208V, 3HP BACKSTOP WINCH

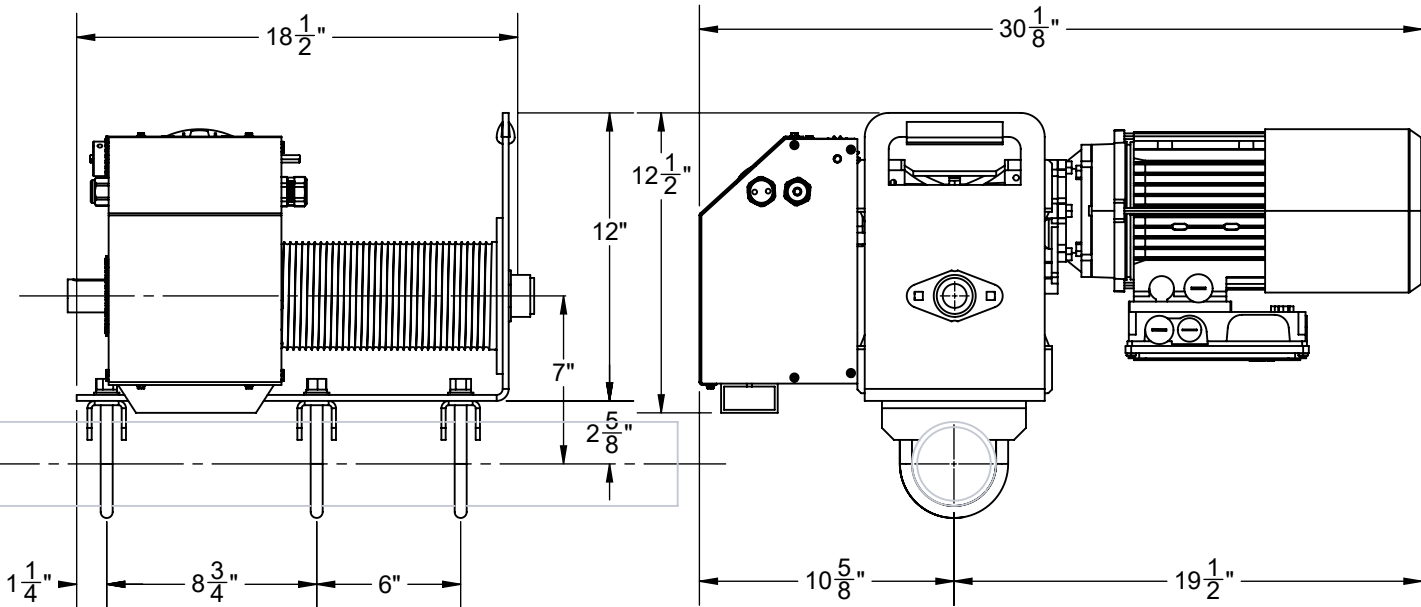
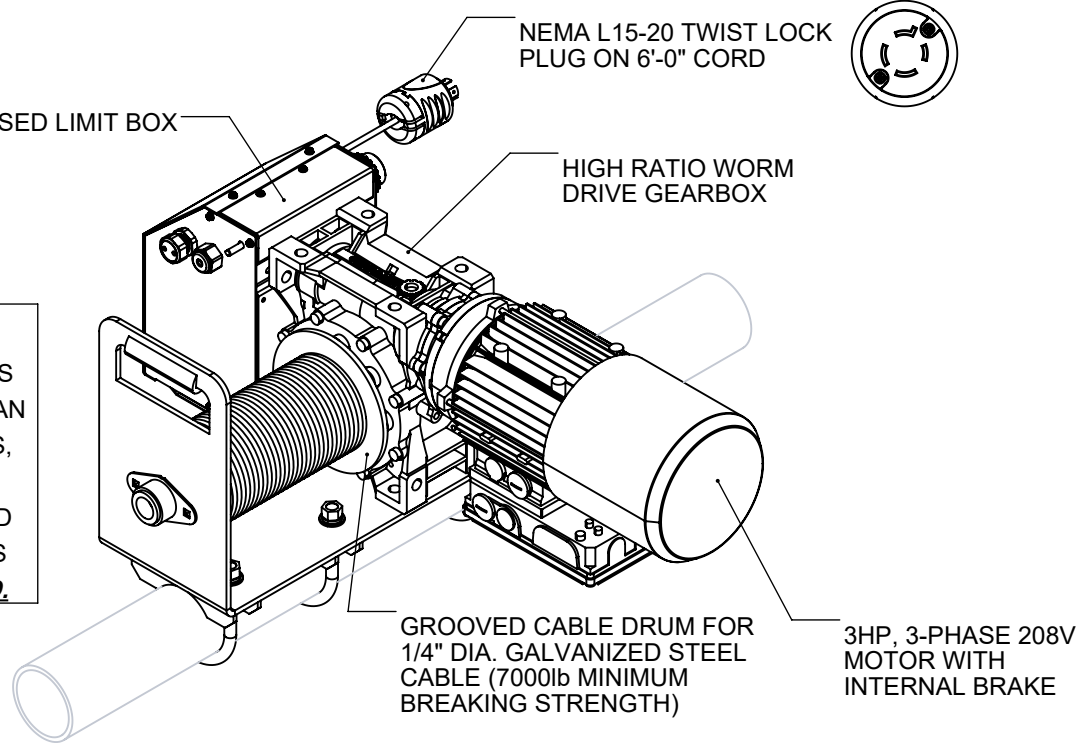
PORTER
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WINCH SPECIFICATION SHEET

W-708

WARNING

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



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SPECIFICATIONS

PORTER No. 708060 or 708100 WINCH

Winch is designed to hold backstop in any position when raising or lowering. Winch frame is heavy gauge powder coated steel.

The winch operates by pulling a 1/4" diameter 7x19 galvanized steel wire rope onto a grooved aluminum drum. Drum shall hold up to 41ft of cable on a single layer and can safely hold two layers of cable. The winch shall have the potential to pull the cable at a speed of as much as 40ft/min. Winch shall not be operated under no load conditions.

A worm gear reducer with a ratio of 60:1 (708060) or 100:1 (708100) shall ensure the winch achieves the appropriate torque to operate the associated equipment. Gear reducer shall be sealed in a factory filled oil bath for maintenance free service. Winch shall have a torque output at the gearbox of at least 3600 in-lbs (708060) or 6000 in-lbs (708100).

Winch shall be driven by a 3HP motor with a 17ft-lb brake. Motor shall be 208VAC, 3-phase, 60Hz electric motor with a loaded amperage of 9.75Amps. Motor shall be rated for at least a 15 minute duty cycle and shall directly drive the worm gear reducer.

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. For detailed limit setting instructions, refer to INST00179022. Winch shall be pre-wired with a 6'-0" long covered cable with NEMA L15-20 twist-lock grounded type plug attached. Three low voltage (24V) control wires (by others) shall hard-wire into terminals in the attached limit and electrical enclosure. Refer to E-708-K, E-708-P, E-708-S, or E-708-5 for wiring details.

Winch shall include a pre-configured variable frequency drive (VFD) to provide smooth starting and stopping.

Electric winches are available with an array of control options.

Wiring of all electrical components shall be in accordance with local codes and manufacturer's instructions. All conduit, junction boxes, wiring, and components not specified herein shall be furnished and installed by the electrical contractor.

Warranty

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. Final Manufacturing/Assembly in Champaign, IL 61822