

Liberty Series Portable Capstan Winch

Quiet Performance

The Thern Liberty Series capstan winch delivers portable strength and performance. More importantly quiet operation enhances team communication for increased productivity. Among other uses, it's perfect for elevator shaft and cell tower construction projects. The enclosed motor housing, powder-coat finish and corrosion-resistant components ensure dependable operation for many years.



1,000 LB. Capacity (450 KG)

- Quiet Operation and Long Life
- Extremely Portable
- Enhanced Safety
- Increased Productivity
- Maintenance-Free
- Two Year Warranty



Features and Benefits

Performance and Dimensions

LIBERTY SERIES PORTABLE CAPSTAN WINCH

Thern believes in uncompromised quality and that means manufacturing an engineered capstan winch and incorporating standard features that deliver reliability, performance and safety for the long haul. Here are just some of the key features we integrate as standard compared to other winch manufacturers.

Premium Motor with Handle

- Premium motor offers quiet operation (80 dBA)* enhancing clear communication between operators
- Totally enclosed housing with durable powder-coat finish resists contamination for increased reliability
- Maintenance-free, permanently-lubricated, planetary gearbox for smooth operation and long life
- UL- Recognized motor

Foot Switch Control

- Foot switch-controlled operation enhances productivity and safety
- IP65, NEMA 4-rated sealed foot switch allows outdoor use
- Painted, cast iron construction and anti-skid feet promote durability and stability for outdoor applications
- 10-foot cord and twist-lock plug design aid convenience and prevent power disruption for enhanced productivity

Durable Winch Frame

- Light weight, engineered design and steel construction enhances portability
- Powder-coated steel finish resists wear and promotes durability

Engineered Drum Design

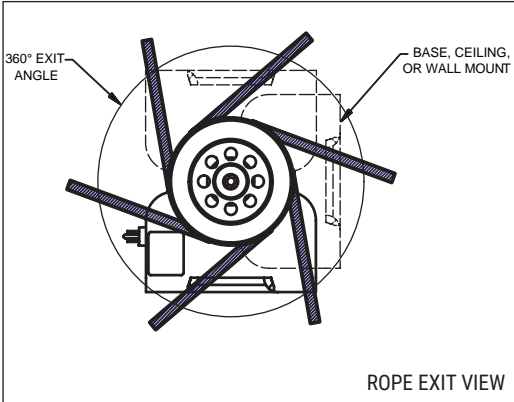
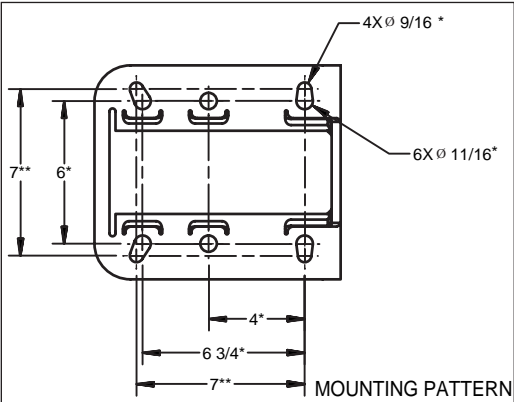
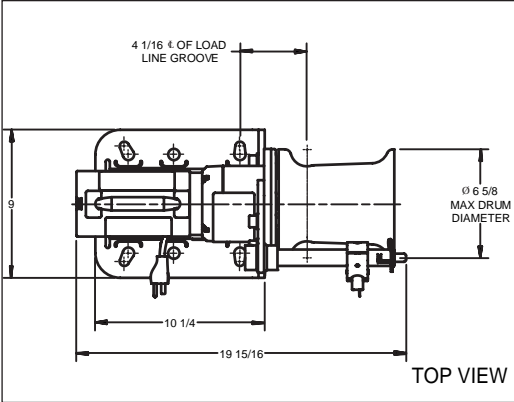
- Keeps load line from moving during operation, enhancing productivity
- Nickel-plated steel construction for optimum performance and durability

Integral Rope Keep

- Spring-loaded rope keep helps prevent accidental removal of hand line from drum to enhance safety
- Corrosion-resistant components enhance durability
- Rope keep bar serves as carrying handle

Integral Rope Lock

- Rope lock prevents unintentional drops to enhance safety
- Accommodates ½ - ¾ inch rope for varying loads
- Nickel-plated and anodized components enhance durability
- Adjustable rope lock accommodates various line exit angles and operator heights



Model	Winch Performance							
	Maximum Capacity	Rope Diameter Range**	Maximum Line Speed Range***	Rated Current Draw	Input Voltage	Ship Weight	Ambient Operating Temperature Range	Duty Cycle
3CP1M-AFS	1,000 LBS. 450 KG	½ - ¾ IN 13 - 19 mm	35 - 50 FPM 11 - 15 MPM	15 AMP	115V/1 Phase/50-60Hz	64 LBS.	-4 °F - +105 °F -20°C - +40°C	20 Minutes Full Load

* Thern's 3CP1M-AFS winch has a maximum noise level of 80 dBA, averaging 10 dBA less than the competition, when measured at a distance of approximately three feet under similar conditions.

*** Load dependent

** Synthetic rope only. Available for purchase through Thern

IMPORTANT:

It is the owner or operator's responsibility to determine the suitability of the equipment to its intended use. Study all applicable codes, manuals and regulations. Be sure to read the Owner's Manual supplied with the equipment before operating it.



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