

Linear Measurement Cable Reels



Monitor Linear Movement in Harsh Environments

Measure linear motion or reciprocating machine motion applications accurately up to 60 feet with the Gleason Reel linear cable reel. Our design meets the demands of machine control in extreme environments.

A precision-gearred shaft turns as the cable unwinds, allowing highly accurate measurement. Each revolution of the reel equals the number of revolutions required for the sensor. A measuring device connected to the shaft senses the position of the linear motion, providing critical information for machine control. Our heavy-duty spring motor powers the rewind.



Reels can be equipped with or without a transducer / encoder mounting shelf

Benefits

Unlike traditional limit switches, linear measurement for machine positioning provides several advantages. It allows for remote mounting of the sensor, protecting the electronics from heat, chemicals, steam, and potential physical damage.

Mounting alignment also becomes less critical with linear cable measurement. Measurement can function even if the machine is misaligned without harming the equipment. This simplifies installation and saves time. It also allows use with a variety of sensors, and integration with existing machine controls.



Reels can be equipped with or without a transducer encoder mounting shelf



Can be used in any industrial applications

Applications



Steel Mills

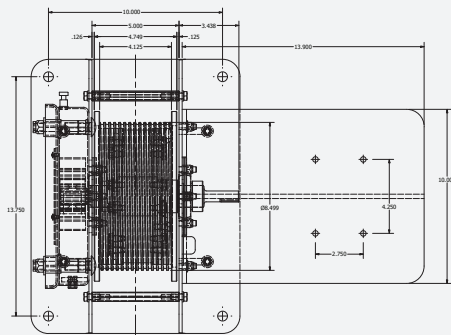
Two Sizes

- 60-feet, with 16-inch spool
- 30-feet, with 8-inch spool

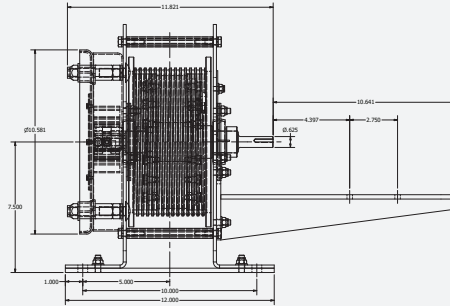
Features

- Heavy duty spring motor
- Stainless steel measuring cable
- Baked-on orange polyester finish
- Standard or Reverse Rotation Available

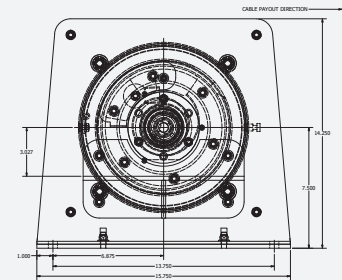
Linear Measurement Reel 8.00-inch Diameter Drum



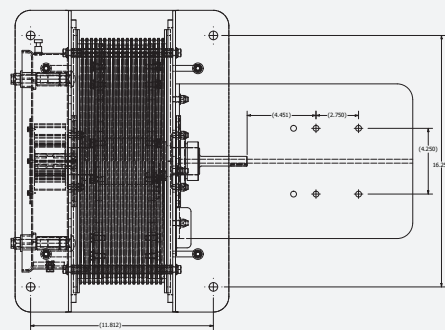
LMR-8-STD-30 8 inch drum
Standard rotation



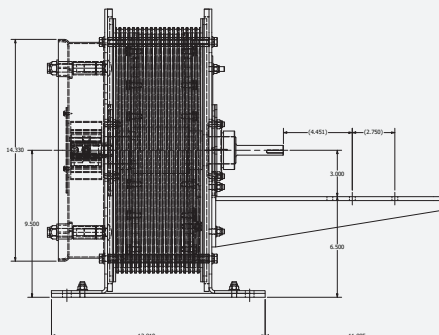
LMR-8-REV-30 8 inch drum
Reverse rotation



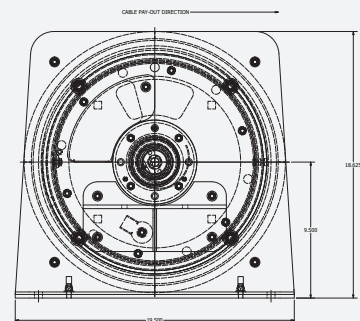
Linear Measurement Reel 60-ft Diameter 16.00 inch Diameter Spool Standard Rotation



LMR-16-STD-60 16 inch drum
standard rotation



LMR-16-REV-60 16 inch drum
reverse rotation



A proud member of the Hubbell family.

©2023 Gleason Reel Corp. All rights reserved.
Hubbell name and logo are trademarks or registered trademarks of Hubbell
Incorporated. Other trademarks are property of their respective owners.
600 S. Clark Street, Mayville, WI 53050
www.hubbell.com/gleasonreel | (920) 387-4120

HHI-GR-SPEC-EN-01043 | REV 06/2023