

SELF-RESETTING / REMOTE-SET GOVERNORS

Bidirectional Self-Resetting/Remote-Set Governors for Roped Hydraulic Elevators

Description

LK-Style Bidirectional Self-Resetting/Remote-Set Governors, designed to test the safeties from remote location or nearby. LK200 suited for residential elevators using 1/4" rope. LK315 perfect for commercial 3/8" rope applications. Bidirectional rotation of the sheaves is standard. The governors come with main sheave, test sheave, remote set solenoid, and safety switch. Safety switch is available with manual reset or Type "R", with manual and electrical remote reset.

With remote test, 24VDC signal activates governor's solenoid and trips the governor and safety switch. With nearby test, moving the rope off the main sheave to the smaller test sheave simulate over speed situation at 0.7 car speed and activates governor without causing rail stress or damage. Upward movement of the car unlocks the governor and the safeties. Safety switch reset manually or, for Type "R", by applying 24VDC reset signal to the switch or manually.

Application

This governor is most effective on Roped Hydraulic projects where the use of a governor access door is impossible or undesirable. Normally mounted in the overhead, this type of governor may also be mounted in the pit, when clearances allow. State and local codes for the project area must allow self-resetting/remote-set governors without access doors. In addition, certain large capacity cars or elevators with high speeds may not be able to utilize this style of governor. Please contact a sales representative for more details.

Note: Not approved in some US jurisdictions.
Certifications available upon request.

Common Features

- Bidirectional rotation and tripping
- 24VDC remote set solenoid
- CSA, UL, IP67 safety switch
- Manual reset safety switch, 1NC/1NO, 3A 400VAC
- Hardened running groove for 1/4" or 3/8" rope
- Test sheave for simulated tripping
- Dismountable base plate
- Safety cover available, not included

LK 200 Features

- Sheave groove for 1/4" (6-6.5 mm) rope
- Main sheave 8.15"Dia. (207 mm)
- Test sheave 5.67"Dia. (144 mm)
- Dimensions 9.5"W x 14.6"H x 8.7"D
- Weight 36 Lb.

LK 315 Features

- Sheave groove for 3/8" (8-10 mm) rope
- Main sheave 12.40"Dia. (315 mm)
- Test sheave 8.66"Dia. (220 mm)
- Dimensions 12.4"W x 14.6"H x 8.7"D
- Weight 41 Lb.

Type "R" Features

- 24VDC remote reset safety switch with manual reset
- 1NC, 3A 400VAC



Governor Model	Trip Speed FPM	Safety Switch Reset
LK 200 63	63	Manual
LK 200 75	75	Manual
LK 315	175	Manual
LK 315-210	210	Manual
LK 315-280	280	Manual
LK 315-337	337	Manual
LK 315-415	415	Manual
LK 315-452	452	Manual
LK 315-475	475	Manual
LK 315-175R	175	Remote or Manual
LK 315-210R	210	Remote or Manual
LK 315-280R	280	Remote or Manual
LK 315-337R	337	Remote or Manual
LK 315-452R	452	Remote or Manual

Model LK-COVER

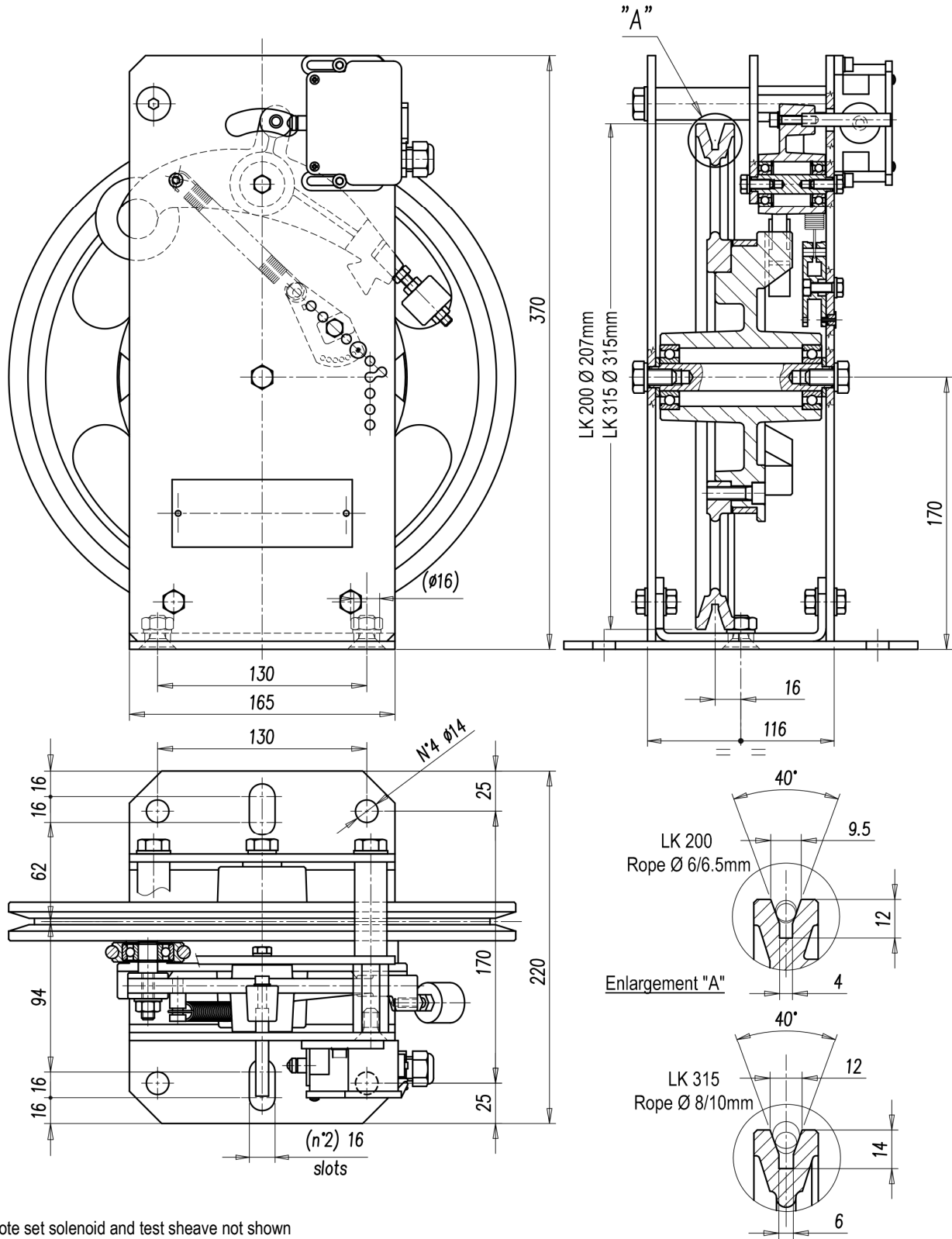
Heavy duty, injection molded, semi-transparent governor plastic safety cover, 1/8" wall thickness, 15.2"W x 14.2"H x 11.2"D

Model LK-REMOTE

24VDC, remote trip solenoid

Model LK-SWITCH

Manual reset safety switch, 1NC/1NO, 3A 400VAC



Remote set solenoid and test sheave not shown

QUALITY
ELEVATOR PRODUCTS, INC.