

LA37 is an electrical and manual dual functions actuator and can be used manually when the main electric supply is off. The patent design of overload protection device makes the actuator running more smoothly, as well as it lowers the abrasion while increasing the life span. It is one of the best performance actuators with the manual and electrical dual operation. It is suitable for hospital beds applications.

Feature :

- 24 V DC permanent magnet motor.
- Thrust 6,000N.
- Robust structure design with easy installation.
- Electrical and manual dual operation .
- Built-in overload structure design.
- Low noise .
- Duty cycle: Max. 10% or 2 min. of continuous usage followed by 18 min. of rest.
- Ambient temperature: +5°C to +40°C .
- Protection class: IP31.
- Color: Gray-white.
- Used with CB10XN control box.

Options :

- The crank is the optional.
- The metal back fixture is suggested for 500 kg load.

The years of release : 2011

LA37 Ordering Example :

LA37. 6- 10 - 250 + H J

TYPE OF PLUG (Notice plug on control box)
J : JACK plug

BACK FIXTURE DIRECTION (The direction of actuator installation)
H : Horizontal V : Vertical

CABLE LENGTH 200 = 200 cm 250 = 250 cm

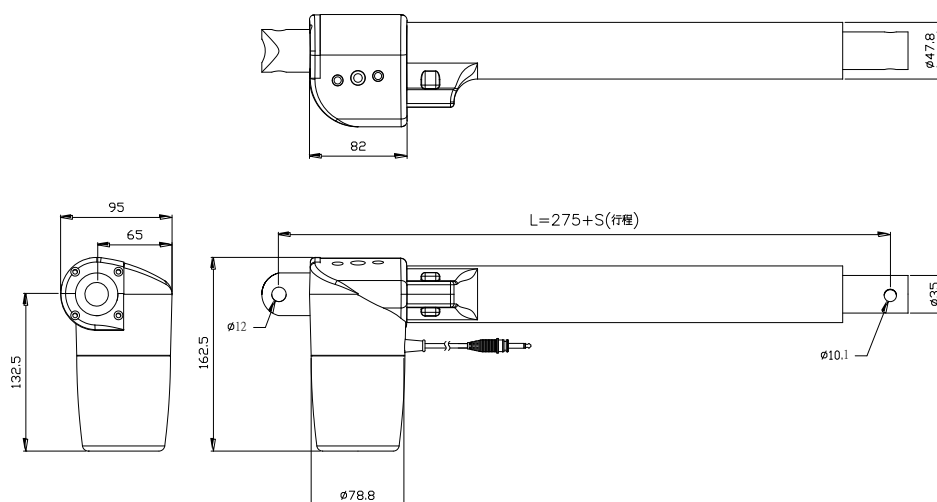
STROKE LENGTH 10 = 10 cm 15 = 15 cm 20 = 20 cm
25 = 25 cm ★ 30 = 30 cm ★

THRUST 6 : 6,000 N

ACTUATOR TYPE LA37

The 「★」 sign is for the special specification.

Dimension :



※Since August, 2012, the diameter of outer tube is 43 mm, the diameter of inner tube is 30 mm. The overload value of the control box is 6 A.

LA37 Installation Dimension :

Actuator Stroke (mm)	100	150	200	250
Basic Installation Dimension (mm)	375	425	475	525
Stretch Stroke (mm)	475	575	675	775

Notice :

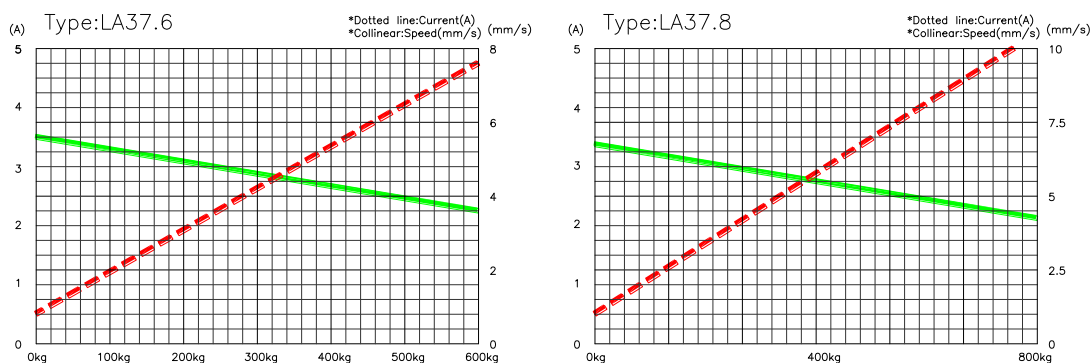
- ◆ The crank is the optional.
- ◆ Must be used with CB10XN control box.
- ◆ The overload protection device will work when actuators reaches the upper or lower limit. Then all actions should be stopped. If continuing, actuator will warn users by making buzz sound.
- ◆ When the load is more than 3,000 N or used on applications of the impact, please apply the actuator to the pushing direction.

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. We won't undertake any responsibility except repairing.

Data & Graph :

Type	Max. load 【N】		Typical Current 【A】	Typical Speed 【mm/s】		Self Lock Max. 【N】
	Push	Pull	Full	Unload	Full Load	Push
LA37.6	6,000	3,000	3.1	4.4	3.6	6,000

(Duty Cycle: 10%)



※The data above is with DC 24 V power supply. For need of data with compatible LINKAN A/C control box, please contact LINKAN A/C R&D department.