

## 3-5 LA31



LA32 is designed for variety application, it has the firm structure with sturdy materials, suitable for being used in the furniture and equipment of beauty, care, medical and rehabilitation.

### Features :

- 24V DC permanent magnet motor
- Thrust 1500N~6000N; Speed 3.0~16.7mm/s
- Limited switches built-in (Not adjustable)
- High-strength plastic housing protects motor and gear
- Scratch and wear-resistant powder painted outer tube
- Strong wear and corrosion resistant stainless steel inner tube
- Steel piston rod eye
- Zinc alloy back fixture
- Duty cycle: Max. 10% or 2 min./ 18 min. in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP54
- Color: Grey-white

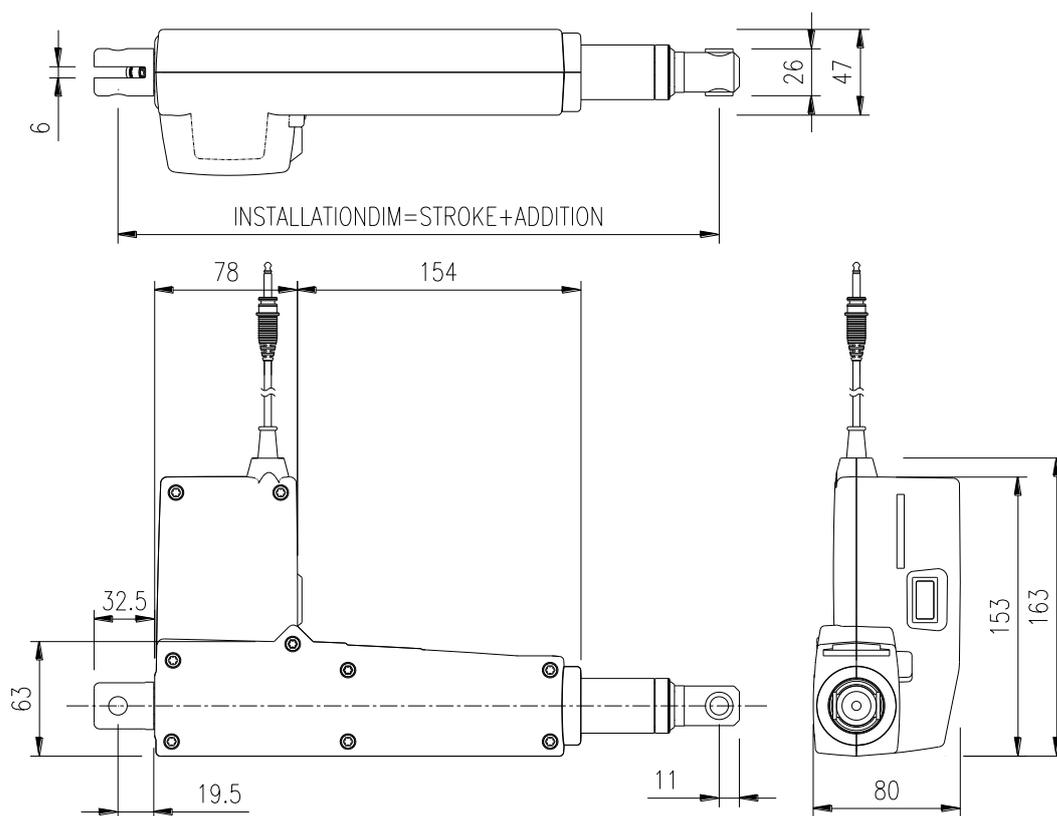
### Options :

- LA31 can be fitted with a brake for increasing self-lock effect
- Safety nut
- Protection class: IP66 (not allowed being in wash tunnels)
- Reed-Switch
- Quick-Release Q
- Back extended sleeve fixture (For only Quick-Release function)
- 0.2/ 0.4m coiled cable with DIN or Jack plug
- Back fixture position 0° or 90°
- Steel groove piston rod eye
- Fast motor
- Color: Black (Min. order: 500 pcs)
- Can install Hall Sensor function (Contact R & D department of LINKAN A/C first)



The 「★」 signal is for special specification.

**Dimensions :**



**LA31 Installation Dimension :**

|                              |     |     |     |     |     |
|------------------------------|-----|-----|-----|-----|-----|
| Actuator Stroke mm           | 100 | 150 | 200 | 250 | 300 |
| Basic Installation Stroke mm | 288 | 323 | 373 | 423 | 473 |
| Stretch Stroke mm            | 388 | 473 | 573 | 673 | 773 |

**LA31 Installation Dimension for Q function :**

|                              |     |     |     |
|------------------------------|-----|-----|-----|
| Actuator Stroke mm           | 100 | 150 | 200 |
| Basic Installation Stroke mm | 377 | 427 | 477 |
| Stretch Stroke mm            | 477 | 577 | 677 |

**Notice (Installation) :**

- ◆ If the stroke of LA31 is less than 100mm, all basic installation dimension are 288mm
- ◆ When the load is over 4000N, the longest stroke of a actuator is 250mm
- ◆ For a actuator equipped with Q function: Basic installation dimension is Stroke + 277mm

**Notice (for the installation of Q function)**

- ◆ The effective stroke length for Quick Release is:
  - Standard stroke length minus 10mm
  - E.g. Actuator with quick release is equipped with 150mm stroke length. The effective stroke length for this type is 140mm
- ◆ When LA31 actuator equipped Quick Release function, Brake(B) has also to be equipped and the spindle need to be 6mm pitch. The needed released power of actuator is 35 kgs.
- ◆ LA31 is not suitable for the pulling device. Suggestion: Actuator is suitable for the load in pushing situations.
- ◆ Back extended sleeve fixture is suggested for Quick Release function

