



UNIQUE  
WINDOW SERVICES

LA10

## LA10 | General Information

This actuator has been developed with aesthetics and high performance as key principals, hence it is a class apart from the other actuators in the market.

It is capable of pushing and pulling with equal force of up to 3000N and with a rating of up to IP66 protection, this actuator does have a lot to offer.

Equipped with over current circuit protection and hall sensor, this provides precise control and position sensing. This means that the motor will stop at full stroke however it will also stop if it is placed under too much load.

The diameter of the actuator is only 35mm, and the inner permanent magnet motor with planetary gear of various ratios can operate strokes from 50mm to 750mm with speeds of 1.8mm/sec to 43mm/sec at maximum load.

The applications for this attractive actuator are almost endless and they can be coloured to suit your installation. Standard colour is black, however stocks of Aluminium and Stainless Steel (great for those coastal areas) are easily accessible.

Some alternative applications to our standard use in window control equipment are in wheelchairs and vehicles.

## LA10 | Features

- Elegant design
- Compact size, only 35mm diameter
- Smooth actuator operation
- Compatible with all window frame types
- Various control options
- Stroke length of up to 750mm
- Overload cut off protection

Phone:  
(07) 3265 5771

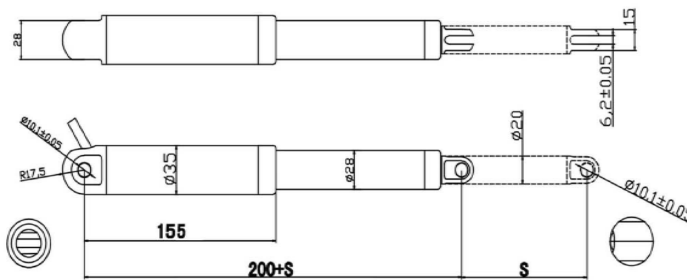
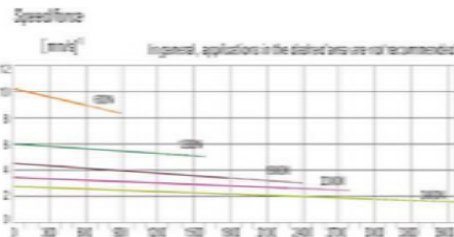
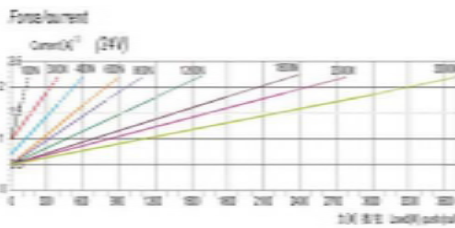
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## LA10 Specifications

|                             |                 |
|-----------------------------|-----------------|
| VOLTAGE                     | 24vDC           |
| LOAD CAPACITY - PUSH/PULL   | 600N to 3000N   |
| LOCK FORCE                  | 17,500N         |
| CURRENT UNDER LOAD          | >2.5A max.      |
| STROKE LENGTH               | 50mm to 750mm   |
| STROKE SPEED AT FULL LOAD   | 1.8 to 10mm/sec |
| OPERATING TEMPERATURE RANGE | -30°C to 70°C   |
| LIMIT SWITCH                | FACTORY SET     |
| IP GRADE                    | IP54 and IP66   |
| ELECTRIC OVERLOAD CUT OFF   | BUILT IN        |

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## LA10 Specification Text

The Louvre windows are to be controlled using the LA10 available from Unique Window Services, (07) 3265-5771.

Each actuator is to have a site specific stroke length and speed, 3000N of force, an IP rating of 66 and a locking force of 17,500N.

The actuators are to have over current circuit protection and a hall sensor for positional feedback sensing and be capable of completing 15,000 strokes.

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