

# SELA 50

Linear Drive Actuator / 230 V ac / 500 N



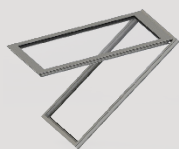
## Linear Drive Actuator / 230 V ac / 500 N

Highly versatile linear actuator mainly used for sloping vent and rooflight environmental ventilation applications.

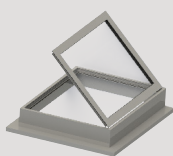
Sliding fixing bracket allows easy installation.

Standard finish is Silver Anodised Aluminium.

### Orientation



Sloping Roof Vent



Roof Vent



### Application

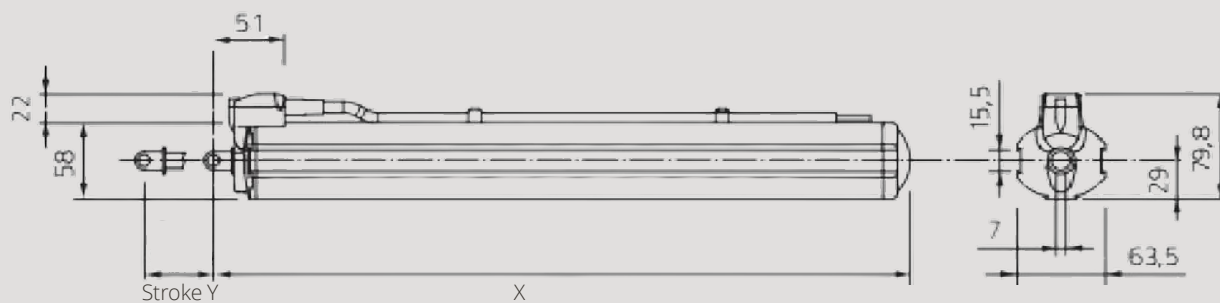


Environmental Ventilation



Voltage to 230 V linear actuators must be switched off after each operation with a rest period required between cycles.

## Technical Drawing



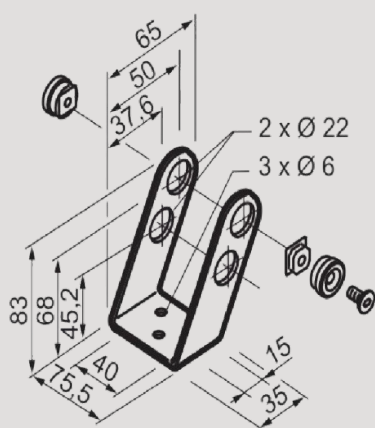
### Dimensions

| Stroke Y | X        |
|----------|----------|
| 200 mm   | 318.8 mm |
| 300 mm   | 418.8 mm |
| 400 mm   | 518.8 mm |

All dimensions in millimetres  
The AutoCAD drawing for this product can be found at [www.secontrols.com](http://www.secontrols.com)

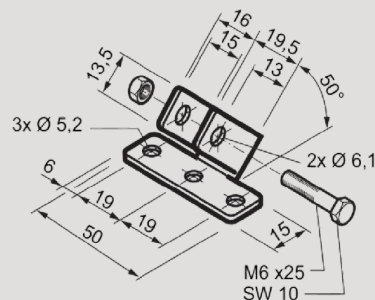
## Brackets

### SELA 50 Pivot Bracket



\*DAM05000124

### SELA 24 S Top Bracket



AMM01S69045

## Technical Data

|                               |                                             |
|-------------------------------|---------------------------------------------|
| <b>Actuator</b>               | SELA 50                                     |
| <b>Actuator Type</b>          | 230 V ac Motorised Linear Spindle           |
| <b>Voltage (all ± 6%)</b>     | 230 V ac                                    |
| <b>Amp Draw Current</b>       | 0.75 A                                      |
| <b>Stroke</b>                 | 200/300/400 mm                              |
| <b>Operating Speed</b>        | 12 mm/s                                     |
| <b>Ambient Operating Temp</b> | -10°C to +40°C                              |
| <b>IP Rating</b>              | IP 55                                       |
| <b>Thrust Force</b>           | 500 N                                       |
| <b>Close Force</b>            | 500 N                                       |
| <b>Switching</b>              | Physical Limit                              |
| <b>Type of Switch</b>         | Micro Switch                                |
| <b>Standard Finish</b>        | Silver Anodised                             |
| <b>Powder Coated</b>          |                                             |
| <b>Colour Option</b>          | Other RAL colours available on request      |
| <b>Flex Length</b>            | 1.2 m                                       |
| <b>Flex Type</b>              | 4 core / black PVC 0.75 mm                  |
| <b>Flex Colour</b>            | White                                       |
| <b>Product Warranty</b>       | 12 months from date of invoice <sup>1</sup> |
| <b>Weight</b>                 | 1.81 kg/1.94 kg/2.1 kg                      |
| <b>Brackets</b>               | Pivot                                       |
| <b>Application</b>            | Environmental Ventilation                   |

<sup>1</sup> Commercial terms for each project will supersede this warranty information.

## Product Codes

| Silver Anodised | Operating Voltage | Force | Stroke Y |
|-----------------|-------------------|-------|----------|
| DAM05000200     | 230 V ac          | 500 N | 200 mm   |
| DAM05000300     | 230 V ac          | 500 N | 300 mm   |
| DAM05000400     | 230 V ac          | 500 N | 400 mm   |

These actuators require control from a 230 V ac control unit. Contact SE Controls for recommendations.