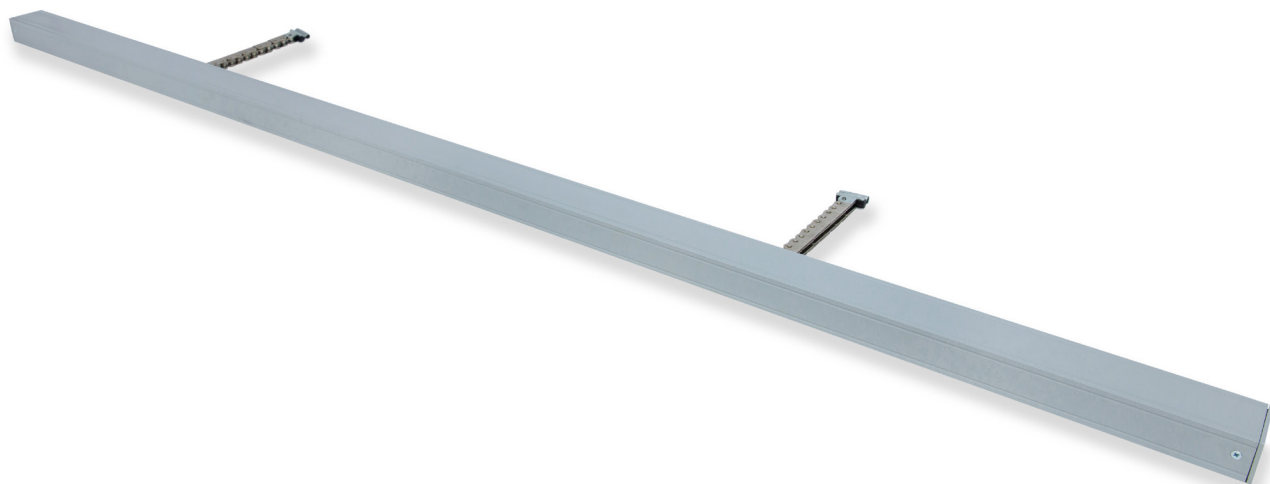


# Twin SECO N 24 25

Stroke 350mm



## Chain Actuator / 24V dc / 2 x 250N

The Twin SECO N 24 25 is a certified and compliant Chain Actuator designed to provide precise and reliable operation for Environmental Ventilation applications.

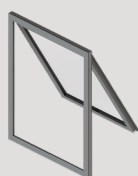
SE Controls manufacture this high-quality 'Made in Britain' actuator with the following features:

- 'Frequency of operation' data logging records every actuator movement
- Compact design with variable options for stroke length
- Standard finish is Grey RAL 9006, can be customised to suit requirements
- Standard flex length is 2m but this can be modified to suit installation requirements
- Extensive range of brackets to suit a variety of window systems
- Quiet operation with configurable speed control

## Orientation



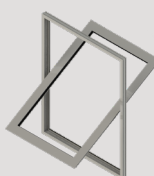
Bottom Hung



Top Hung



Side Hung



Centre Pivot

## Accreditations



## Applications



**Environmental Ventilation**

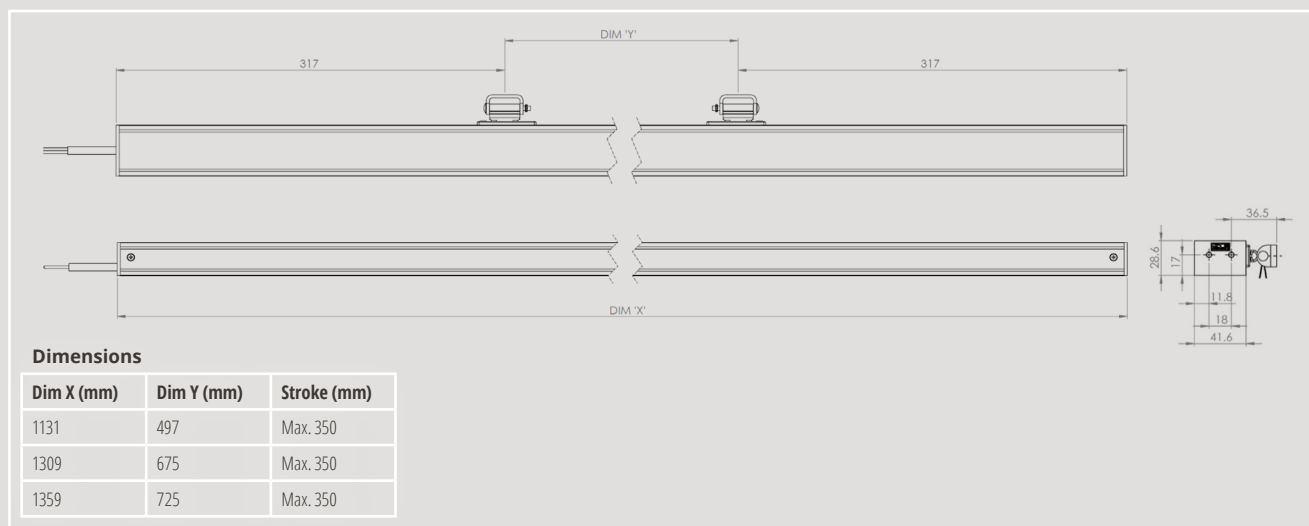
## Controllers

| Controller         | No. Actuators* |
|--------------------|----------------|
| 3 AMP Transformer  | 3              |
| NVLogiQ PSU        | 4              |
| SHEVTEC Controller | 8              |
| 30 AMP PSU         | 30             |
| OS2 AC Controller  | N/A            |

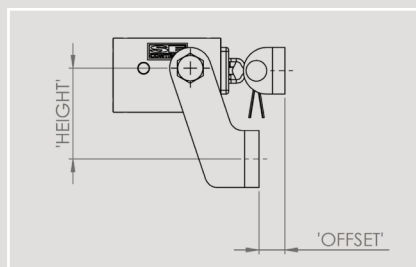
\*Recommended maximum no. of actuators

NB: 24V actuators require control from a compatible low voltage unit such as an OS2 SHEVTEC controller or NVLogiQ® PSU and permanent power should not be applied.

## Technical Drawing



## Standard Bracket Detail



## Bracket Product Codes

|             | Height (mm) |             |             |
|-------------|-------------|-------------|-------------|
| Offset (mm) | 35          | 40          | 50          |
| 0           | AKS18000001 | AKS18000002 | AKS18000003 |
| 5           | AKS18050001 | AKS18050002 | AKS18050003 |
| 8           | AKS18080001 | AKS18080002 | AKS18080003 |
| 10          | AKS18100001 | AKS18100002 | AKS18100003 |
| 15          | AKS18150001 | AKS18150002 | AKS18150003 |
| 20          | N/A         | N/A         | AKS18200003 |



Please ensure the controllers have a minimum 1 second delay between switching if they are not SE Controls products.

## Technical Data

|                               |                                                    |
|-------------------------------|----------------------------------------------------|
| <b>Actuator</b>               | Twin SECO N 24 25                                  |
| <b>Actuator Type</b>          | 24V dc Chain Opener                                |
| <b>Voltage (all +/-5%)</b>    | 24V dc                                             |
| <b>Current Draw (Amp)</b>     | <1.0A                                              |
| <b>Stroke</b>                 | 350mm (configurable)                               |
| <b>Operating Speed</b>        | min. 5mm/sec (configurable)                        |
| <b>Ambient Operating Temp</b> | -5°C to +60°C                                      |
| <b>Thrust Force</b>           | 2 x 250N                                           |
| <b>Close Force</b>            | 2 x 250N                                           |
| <b>Soft Close</b>             | Yes                                                |
| <b>Switching</b>              | Electronic                                         |
| <b>Standard Finish</b>        | Powder coated Grey (RAL 9006)                      |
| <b>Seal Relief</b>            | Programmable up to 20mm                            |
| <b>Clamping Force</b>         | 2 x 4000N                                          |
| <b>Colour Option</b>          | Other RAL colours available on request             |
| <b>Flex Length</b>            | 2m                                                 |
| <b>Flex Type</b>              | 2 core PVC<br>4 core (volt free contact) as option |
| <b>Flex Colour</b>            | Grey                                               |
| <b>Product Warranty</b>       | 15,000 cycles                                      |
| <b>Duty Cycle</b>             | 22% (approx. 2 mins on, 7 mins off)                |
| <b>IP Rating</b>              | IP20                                               |
| <b>Bracket</b>                | Sill fixing/ face fix/ thru body sill              |
| <b>Synchronisation</b>        | Optional                                           |
| <b>Application</b>            | Environmental Ventilation                          |

## Product Codes

| Silver Grey (RAL 9006) | Operating Voltage | Force | Stroke | Actuator Body Length | To Suit Vent Length |
|------------------------|-------------------|-------|--------|----------------------|---------------------|
| AAST250350S            | 24V               | 250N  | 350mm  | 1131mm               | 1150mm              |
| AAST251350S            | 24V               | 250N  | 350mm  | 1309mm               | 1350mm              |
| AAST252350S            | 24V               | 250N  | 350mm  | 1359mm               | 1450mm              |