

# SECO N 24 25

STROKE 250, 350mm (other strokes are available)



## CHAIN ACTUATOR / 24V dc / 250N

A certified and compliant actuator designed to provide precise and reliable operations for Environmental ventilation systems with the following features:

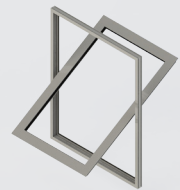
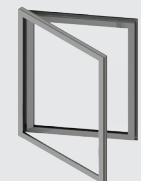
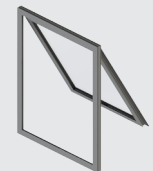
- Electronically defined closing force ensures a tight close on every operation and a programmable seal relief option optimises window weather performance in a single enclosure.
- Virtually silent operation with configurable speed control providing accurate positioning for natural ventilation strategies.
- Slim compact design with standard or tailored finishes and flex lengths.
- Extensive range of bracketry to suit all window system applications.
- Extended warranty/life expectancy with operational frequency.

| CONTROLLERS        |                |                   |                |
|--------------------|----------------|-------------------|----------------|
| CONTROLLER         | No. ACTUATORS* | CONTROLLER        | No. ACTUATORS* |
| 3 AMP Transformer  | 6              | 30 AMP PSU        | 60             |
| NVLogiQ PSU        | 8              | OS2 AC Controller | N/A            |
| SHEVTEC Controller | 16             |                   |                |

\*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.

### ORIENTATION



### APPLICATIONS



Environmental  
Ventilation

### ACCREDITATIONS

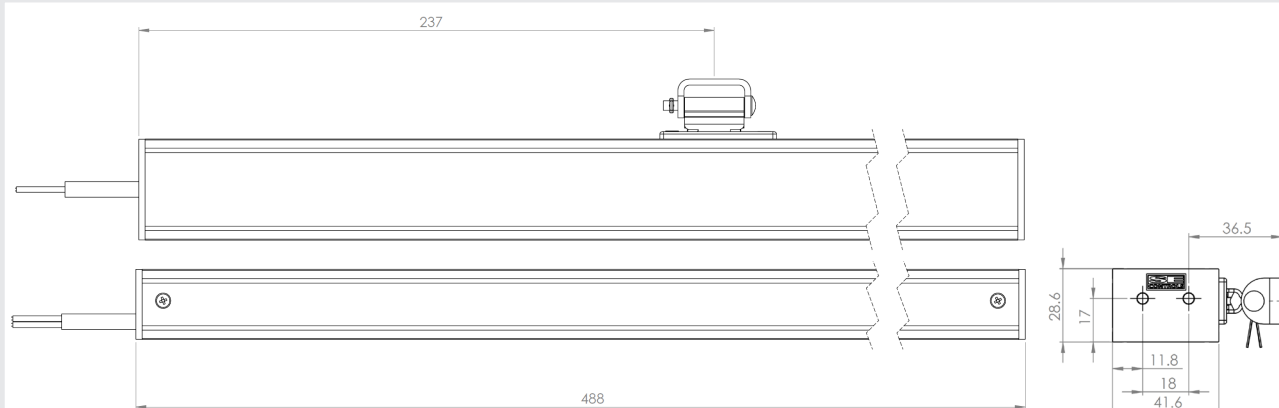


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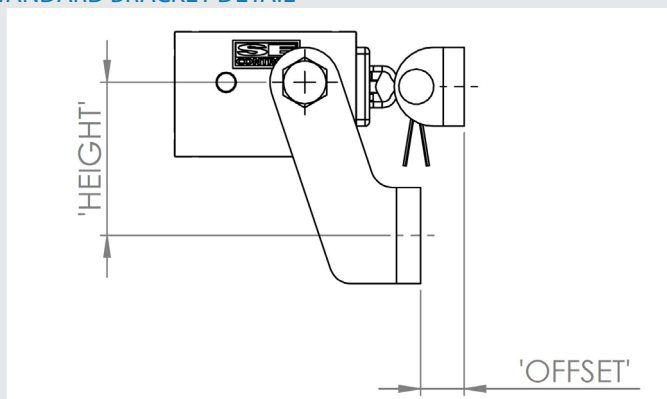
## SECO N 24 25

STROKE 250, 350mm

### TECHNICAL DRAWING



### STANDARD BRACKET DETAIL



#### BRACKET PRODUCT CODES

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

#### PRODUCT CODES

| SILVER GREY (RAL 9006) | OPERATING VOLTAGE | FORCE | STROKE |
|------------------------|-------------------|-------|--------|
| AAS0250250S            | 24V               | 250N  | 250mm  |
| AAS0250350S            | 24V               | 250N  | 350mm  |

#### TECHNICAL DATA

|                        |   |
|------------------------|---|
| ACTUATOR               | SECO N 24 25  |
| ACTUATOR TYPE          | 24V dc Chain Opener                                 |
| VOLTAGE (all +/-5%)    | 24V dc  |
| CURRENT DRAW (Amp)     | <0.5A   |
| STROKE                 | 250mm, 350mm (configurable)                         |
| OPERATING SPEED        | 5mm/sec (standard)<br>3 and 7mm/sec (configurable)  |
| AMBIENT OPERATING TEMP | -5°C to +60°C                                       |
| THRUST FORCE           | 250N  |
| CLOSE FORCE            | 250N  |
| SOFT CLOSE             | Yes   |
| SWITCHING              | Electronic  |
| STANDARD FINISH        | Powder coated Grey (RAL 9006)                       |
| SEAL RELIEF            | Programmable up to 20mm                             |
| CLAMPING FORCE         | 4000N   |
| COLOUR OPTION          | Other RAL colours available on request              |
| FLEX LENGTH            | 2m  |
| FLEX TYPE              | 2 core PVC<br>4 core (volt free contact)* as option |
| FLEX COLOUR            | Grey  |
| PRODUCT WARRANTY       | 15,000 cycles                                       |
| DUTY CYCLE             | 2 mins on, 7 mins off                               |
| PROTECTION DEGREE      | IP20  |
| BRACKET                | Sill fixing/ face fix/ thru body sill               |
| SYNCHRONISATION        | Optional  |
| APPLICATION            | Environmental Ventilation                           |