

SECO N 25

Chain Actuator / 230 V / 250 N



Chain Actuator / 230 V ac / 250 N

The SECO N 25 is a 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 RAL 9006, (White Aluminium) but may be customised to suit installation requirements
- Standard flex length is 2 m 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



Application



Environmental Ventilation



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

Orientation



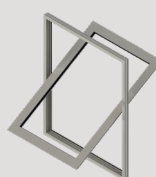
Bottom Hung



Top Hung

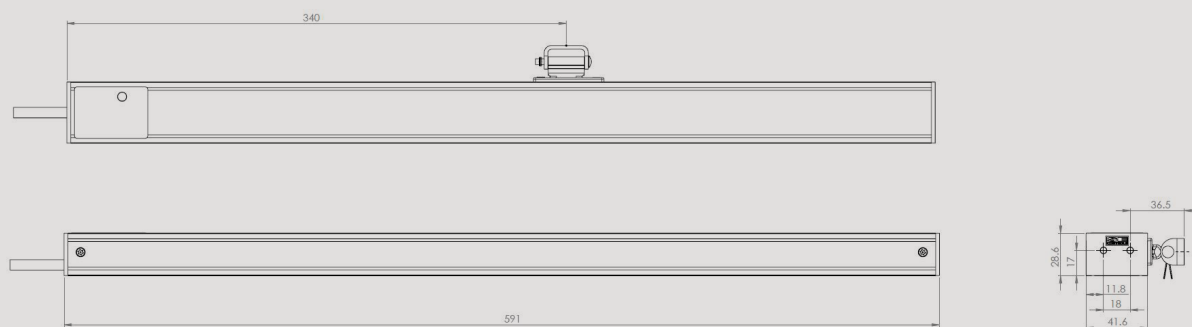


Side Hung



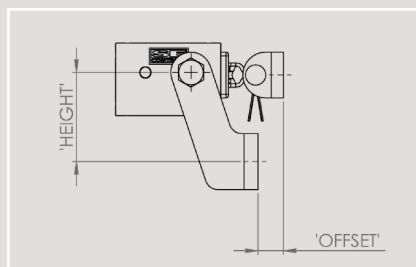
Centre Pivot

Technical Drawing



All dimensions in millimetres
The AutoCAD drawing for this product can be found at www.secontrols.com

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

Technical Data

Actuator	SECO N 25
Actuator Type	Chain Actuator
Voltage (all $\pm 6\%$)	230 V dc
Amp Draw Current	<0.12 A
Stroke	20 mm -250 mm, 20 mm -350 mm (Configurable)
Operating Speed	5mm/sec (configurable) 3mm/sec (option single application only)
Ambient Operating Temp	-5°C to +60°C
IP Rating	IP20
Thrust Force	250 N
Close Force	250 N
Clamping Force	4000 N
Soft Close	Yes
Switching	Electronic
Seal Relief	Programmable up to 20 mm
Synchronisation	Optional
Standard Finish Powder Coated	RAL 9006 (White Aluminium)
Colour Option	Other RAL colours available on request
Flex Length	2 m
Flex Type	4 core PVC
Flex Colour	Grey
Duty Cycle	22% (2 mins on, 7 mins off)
Product Warranty	10,000 cycles or 12 months from the date of invoice ¹
Bracket	Face fix, Through body, Pivot
Application	Environmental Ventilation

¹ Commercial terms for each project will supersede this warranty information.

Product Codes

White Aluminium (RAL 9006)	Operating Voltage	Force	Stroke
DAS0250250S	230 V ac	250 N	250 mm
DAS0250350S	230 V ac	250 N	350 mm