

SECO Ni Folding Arm Actuator

Roller / 400 N / 90°



SECO Ni Folding Arm Actuator, Roller

The SECO Ni Folding Arm Actuator, Roller is designed to provide precise and reliable operation of doors utilised for smoke ventilation applications.

SE Control manufacture this high quality actuator with the following features::

- Tested to smoke vent standard EN12101-2 : 2003 for open-out podium and stair access / smoke extract with selected profiles¹
- 'Frequency of operation data logging records every actuator movement
- Compact design
- Suitable for left and right-handed doors
- Standard finish is RAL 9006, (White Aluminium) which can be customised to suit installation requirements
- Standard flex length is 2 m, but this may be modified to suit installation requirements
- Developed by SE Controls for open out manually openable doors fitted with concealed closures
- Built in VFC for normally open and normally closed contacts


¹Please check the actuator and profile is certifiable, contact SE Controls for further information



Combined Access and Smoke Vent Door Application

Tested to smoke vent standard EN12101-2 : 2003 for open-out podium and stair access / smoke extract with selected profiles¹



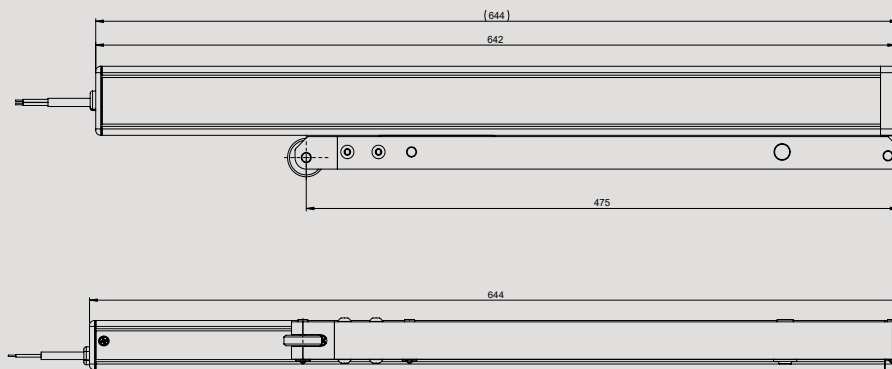
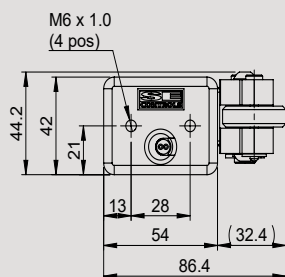
 **Environmental Ventilation**

 **Smoke Ventilation**



Please ensure the controllers have a minimum 1 second delay between switching AND a Permissible Ripple Voltage of 1 V if they are not SE Controls products.

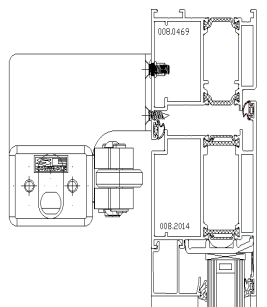
Technical Drawing



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

Brackets

Open Out Door



If you require brackets for a specific application please contact the **SE Controls Facade team** via: facade@secontrols.com



For guidance on fitting this product to magnetic locks, please consult the O&M manual SEC_4900 or contact SE Controls for detailed application advice

Technical Data

Actuator Designation	SECO Ni Folding Arm Actuator
Actuator Type	24 V dc Roller
Voltage (all ± 5%)	24 V dc
Current Draw (Amp)	1.0A
Stroke	0 mm-600 mm / 0-90° programmable
Operating Speed	17 mm/sec
Ambient Operating Temp	-5°C to +60°C
IP Rating	IP20
Thrust Force	400 N
Close Force	400 N
Soft Close	Yes
Switching	Electronic
Seal Relief	Programmable up to 20 mm
Synchronisation	Optional
Standard Finish	Powder coated Grey (RAL 9006)
Colour Option	Other RAL colours available on request
Flex Length	2 m
Flex Type	5 Core
Flex Colour	Black
Duty Cycle	22% (2 mins on, 7 mins off)
Product Warranty	12 months from date of invoice ¹
Bracket	Frame Mounted Roller
Application	Smoke and Environmental Ventilation

¹Commercial terms for each project will supersede this warranty information

Product Code

AFSI4009001

Folding Arm Actuator 400N 90° Roller Type 5 Wire

Bracket Product Codes

AKS20000001

Mounting Bracket Kit (Roller/Fixed) SECO Ni FAA¹

AKS20000004

SECO Ni Folding Arm Bracket Kit 0mm OS Open-Out

¹Suitable for Roller and Fixed FAA installations