

# PRODUCT DATASHEET

## AM400 90° Chain Actuator

Suitable for use in smoke and natural ventilators

### Technical

Supply : 24 Vdc +/- 15%

Current draw: 1.0A @ 24Vdc

Open angle: 70°/90°

Push/Pull forces : 100N/400N

Clamping forces: >3,500N  
(based on manufacturers bracket)

Speed: > 1.5°/s

Housing: Extruded Aluminum

Finishes: Powder coated RAL9006

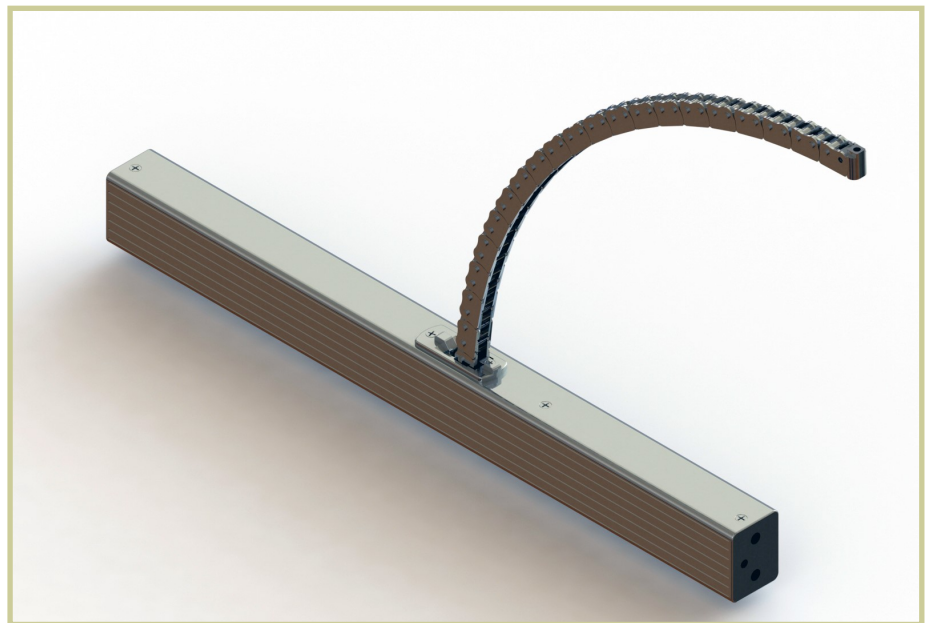
Cable: 1 m silicon cable

Ingress Protection: IP 32

Endurance: 10,000 cycles  
30% duty cycle

Weight : 2.0 kg

Synchronizer: internal



### Description

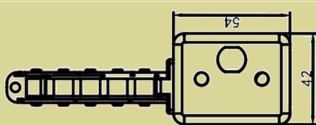
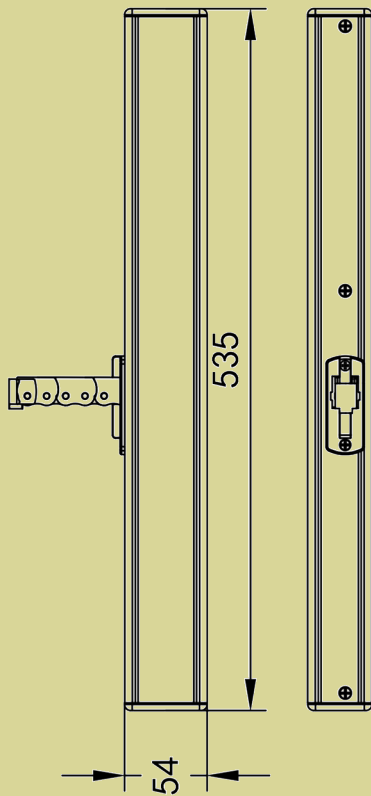
This specially designed chain guarantees a smooth curved movement on the occasions where the actuator body is mounted in a non-pivotal way. It is ideal for natural and smoke ventilation purpose while working with side-opening vents or those with special mounting requirement.

### Features

- Versatile application for different types of ventilators.
- Corrosion resistance.
- Tested to meets B300 (300°C 30 Mins) EN 12101-2 annex G.
- Tested to meets EN12101-2 annex C cycling test for 10,000 cycles.
- Optional: soft opening, water seal relief and finger protection for safety.
- Able to open 90° within 60 seconds

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## Dimension



Order code	Description
AS4.N.D.450.A.L0	24Vdc 400N, 90°/450mm chain actuator
AS4.N.D.450.A.L0.OPP	24Vdc 400N, 90°/450mm chain actuator, opposite hand
AS4.E.D.450.A.L0	24Vdc 400N, 90°/450mm chain actuator, intelligent version
AS4.E.D.450.A.L0.OPP	24Vdc 400N, 90°/450mm chain actuator, opposite hand, intelligent version
AL4.N.D.600.A.L0	24Vdc 400N, 70°/600mm chain actuator
AL4.N.D.600.A.L0.OPP	24Vdc 400N, 70°/600mm chain actuator, opposite hand
AL4.E.D.600.A.L0	24Vdc 400N, 70°/600mm chain actuator, intelligent version
AL4.E.D.600.A.L0.OPP	24Vdc 400N, 70°/600mm chain actuator, opposite hand, intelligent version

## How to order VARIANCES



S = 90°  
L = 70°

N = carbon steel  
E = intelligent

D = 24Vdc  
A = 230Vac

stroke  
1000mm = 1K0  
600mm = 600  
450mm = 450

Colour  
S = Powder coated Silver  
A = Anodized  
B = Black



Use of improper brackets will damage windows and actuators or reduce their useful life, please contact our sales for special brackets supply. For this type of actuator, the brackets usually need to be specifically designed to cater for the special installation requirement depending on the window profile.

