

# PRODUCT DATASHEET

## CM600 Single Chain Actuator

Suitable for use in smoke and natural ventilators

### Technical

Supply : 24 Vdc +/- 15%

Ampere: 2.3A @ 24Vdc

Stroke: 100 -1,400 mm (retraction only for stroke >600mm)

Push/Pull forces : 600N/600N

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

Speed: 18 - 25 mm/s

Housing: Extruded Aluminum

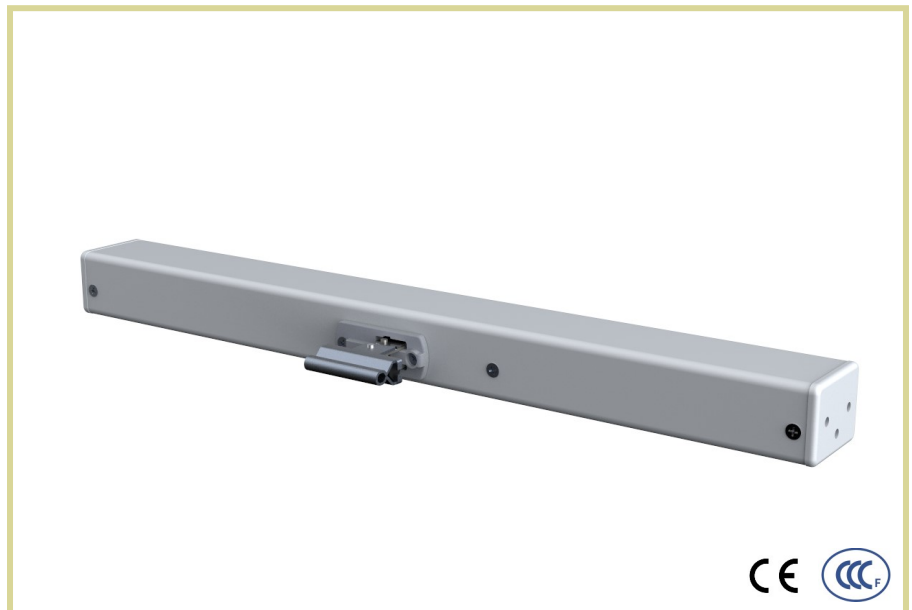
Finishes: Anodized RAL 9006

Cable: 1 m silicon cable

Ingress Protection: IP 32

Endurance: 10,000 cycles  
30% duty cycle

Weight : 2.2 kg (500mm stroke)



### Description

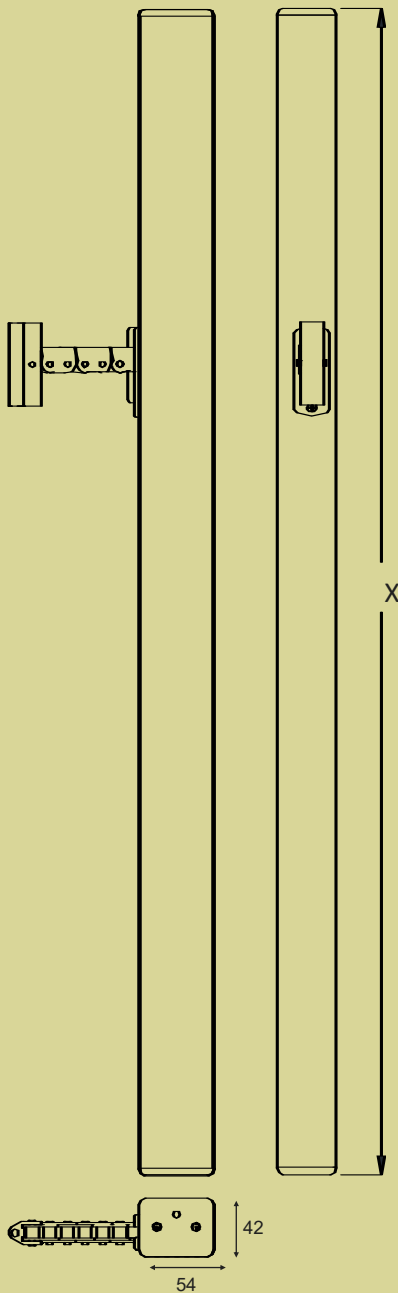
Ideal for natural and smoke ventilation application. Robust double chain design provides good compression force to open light roof light and top hung ventilators in most application.

### Features

- Versatile application for different types of ventilators.
- Corrosion resistance.
- Meets B300 (300°C 30 Mins) EN 12101-2 annex G.
- Meets EN12101-2 annex C cycling test for 10,000 cycles.
- Optional: soft opening, water seal relief and finger protection for safety.
- High speed version available to open 1400mm in 60 sec.
- Smart version available for network control installation.

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## Dimension



Stroke (mm)	X (mm)
100-250	460
300-400	535
500-600	635
700-800	735
900	785
1000	835

Order code	Description
C06.E.D.250.A.L0	24Vdc 600N, 250mm chain actuator (bracket order separately)
C06.E.D.300.A.L0	24Vdc 600N, 300mm chain actuator (brackets order separately)
C06.E.D.400.A.L0	24Vdc 600N, 400mm chain actuator (brackets order separately)
C06.E.D.500.A.L0	24Vdc 600N, 500mm chain actuator (brackets order separately)
C06.E.D.600.A.L0	24Vdc 600N, 600mm chain actuator (brackets order separately)
C06.E.D.700.A.L0	24Vdc 600N, 700mm chain actuator (brackets order separately)
C06.E.D.800.A.L0	24Vdc 600N, 800mm chain actuator (brackets order separately)
C06.E.D.1K0.A.L0	24Vdc 600N, 1,000mm chain actuator (brackets order separately)
C04.B.S.020.L	400N face fixed bracket set, stainless steel 3mm, height 20mm
C04.B.G.040.L	400N silt fixed bracket set, zinc plated steel 3mm, height 40mm
C04.B.G.050.L	400N silt fixed bracket set, zinc plated steel 3mm, height 50mm
C04.B.G.060.L	400N Universal silt and face fixed bracket set, zinc plated steel 3mm, height 60mm

## How to order VARIANCES

**C06**

N = carbon steel  
E = intelligent  
G = addressable

**E**

**D**

D = 24Vdc  
A = 230Vac

**XXX**

Stroke  
1000mm = 1K0  
500mm = 500  
250mm = 250

**S**

Colour  
S = Powder coated  
A = Anodized (RAL9006)  
B = Black  
W = White (RAL9003)



Use of improper brackets will damage windows and actuators or reduce their useful life, please contact our sales for special brackets supply. The brackets drawings are updated from time to time, visit our website for more information.

