

# PRODUCT DATASHEET

## CM250 Compact Chain Actuator

Suitable for use in smoke and natural ventilators

### Technical

Voltage: 24 Vdc +/- 15%

Ampere : 0.5 A

Stroke: 100 - 1,000mm

Push/Pull forces : 250N

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

Speed: 6 mm/s

Housing: Extruded Aluminum

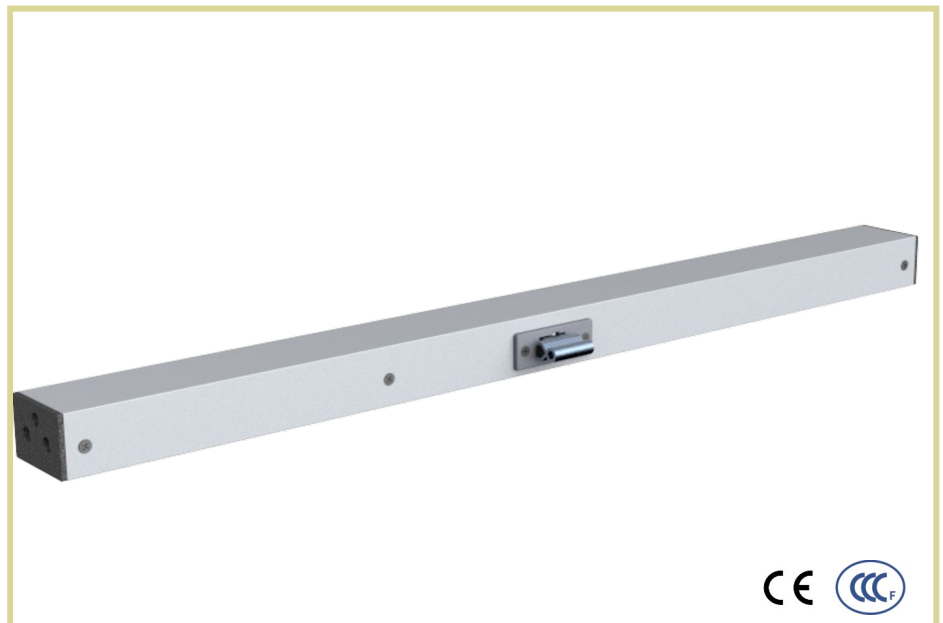
Finishes: Powder coated RAL 9006

Cable: 1 meter silicon cable

Ingress Protection: IP 32

Endurance: 10,000 cycles  
30% duty cycle

Weight : 1.2 kg (350mm stroke)



### Description

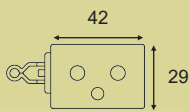
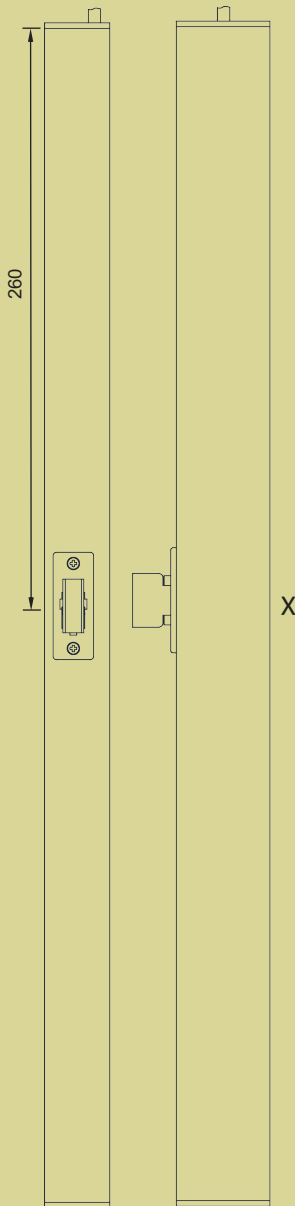
Compact design for use in conceal installation. Very quiet operation ideal for day to day ventilation. Ideal for use in natural ventilation or light weight roof-light.

### Features

- Compact and small housing for use in small windows.
- Corrosion resistance.
- Design to meet EN 12101-2 annex G.
- Meet EN12101-2 annex C cycling test for 10,000 cycles.
- Option to have soft opening, water seal relief and finger protection.
- Smart version available for network controls.

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## Dimension



Stroke (mm)	X (mm)
100-350	480
400	530
500	580
600	630
700	680
800	730

Order code	Description
C02.N.D.150.S	24Vdc 250N, 150mm chain actuator (bracket order separately)
C02.N.D.200.S	24Vdc 250N, 200mm chain actuator (brackets order separately)
C02.N.D.400.S	24Vdc 250N, 400mm chain actuator (brackets order separately)
C02.N.D.600.S	24Vdc 250N, 600mm chain actuator, for retraction use only, (brackets order separately)
C02.N.D.800.S	24Vdc 250N, 800mm chain actuator, for retraction use only, (brackets order separately)
C02.N.D.1K0.S	24Vdc 250N, 1000mm chain actuator, for retraction use only, (brackets order separately)
C02.B.G.026.L	250N pivot face fixed bracket set for CM 250, 26mm high

## How to order VARIANCES

**C02**

**N**

**D**

**XXX**

**S**

N = Normal  
E = intelligent

D = 24Vdc  
A = 230Vac

Stroke  
250mm = 250

S = Silver (RAL 9006)  
B = Black



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.

