

PRODUCT DATASHEET

CM800 Twin Chain Actuator

Suitable for use in smoke and natural ventilators

Technical

Voltage: 24 Vdc +/- 15%

Ampere : 2.0A @ 24Vdc*

Stroke: 100 -1,000mm

Push/Pull forces : 800N/800N

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

Speed: 10 mm/s

*high speed version up to 18 mm/s

Housing: Extruded Aluminum

Finishes: Anodized RAL 9006

Cable: 1 meter silicon cable

Ingress Protection: IP 32

Endurance: 10,000 cycles
30% duty cycle

Weight : 4.5 kg (500mm stroke)



Description

Designed for wide window application when 2 catches are required on the same ventilator. Micro processor based speed control delivers perfect speed synchronization of 2 motors regardless of vent load. This enhances the useful life of the ventilators from immature weather leaks and failure.

Features

- Speed synchronization to deliver stress free installation to window structure.
- Meets B300 (300°C 30 Mins) EN 12101-2 annex G.
- Meets EN12101-2 annex C cycling test for 10,000 cycles.
- Standard feature to include Soft opening, water seal relief and finger protection for safety.
- High speed version available to open 900mm in 60 seconds.
- Smart version available for network control installation.

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Dimension

Stroke(mm)	X (mm)
250	910
300	960
400	1060
500	1160
600	1260
700	1360
800	1460
1000	1660

Order code	Description
C08.E.D.250.A.L0	24Vdc 2 x 400N, 250mm chain actuator (bracket order separately)
C08.E.D.300.A.L0	24Vdc 2 x 400N, 300mm chain actuator (brackets order separately)
C08.E.D.400.A.L0	24Vdc 2 x 400N, 400mm chain actuator (brackets order separately)
C08.E.D.500.A.L0	24Vdc 2 x 400N, 500mm chain actuator (brackets order separately)
C08.E.D.800.A.L0	24Vdc 2 x 400N, 800mm 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

C08

N

D

XXX

S

0 = Normal
S = Stainless steel

N = carbon steel
E = intelligent
K = fast speed

D = 24Vdc
A = 230Vac

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

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.

