

DC700G-CM

Door closer with Cam-Motion® technology, integrated Close-Motion® element and guide rail – for single leaf doors, size 3-6



DC700G-CM with guide rail G150, silver, EV1

Close-Motion® technology softly dampens the door and pulls it slowly, quietly and securely

The DC700 series brings precise control for doors which must balance access and protection, contained within a stylish exterior to meet the demands of discerning environments. The rapidly decreasing opening force of Cam-Motion technology ensures doors open with less effort. With the integrated Close-Motion element doors shut noise-free, ensuring a quieter, secure environment for everyone.

- Certified in compliance with EN 1154, size 3-6
- Suitable for fire and smoke protection doors (only with optional tamper protection)
- For single leaf doors up to 1400 mm width
- Barrier-free according to CEN/TR 15894

Colours

■ Silver, EV1

Features

- Height-adjustable, grooved spindle (14 mm) and Close-Motion element with horizontal (± 6 mm) and vertical (± 5 mm) adjustment for easy installation
- Closing and latch speeds can be raised and lowered independently
- Durable, front-facing metal valves make adjustments easy and reliable
- Consistent performance in a wide range of temperatures
- Backcheck functionality as standard protects frame and surrounding areas
- Easy to retrofit using drilling template compliant with EN 1154, supplementary sheet 1

Guide rail and accessories

- **G150** height-adjustable guide rail (2 mm) with integrated Close-Motion control curve and concealed fastening screws
- **M220/M225** tamper protection prevents blocking of functional elements; mandatory for fire doors
- **A158** mechanical hold-open device with adjustable hold-open force, keeps doors open at any angle between 80° and 130° (not approved for use on fire and smoke protection doors)
- **A188** mechanical opening damper, continuously adjustable up to an opening angle of max. 130° (does not replace door stop)

Noise-free and secure door closing



Close quickly



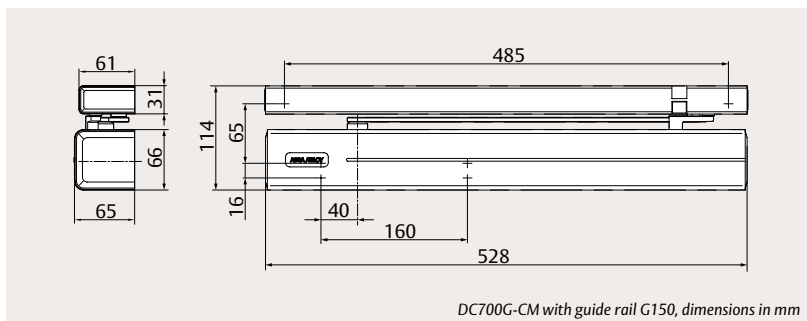
Dampen softly



Shut tight

DC700G-CM

Technical attributes and certification



Technical attributes

Closing force	EN size 3-6
Maximum leaf width	1400 mm
Closing speed (C)	Variable between 170° and 10°
Latch speed (L)	Variable between 10° and 0°
Backcheck (B)	Variable above 75°
Maximum opening angle	~170°
Door system	Single leaf
Handing	Left- / right-handed
Mounting options	Leaf mounting on hinge side
Force adjustment	Yes
Height adjustment	Yes
Tamper protection	Mandatory for fire doors left- / right-handed
Damping unit	Specific damping function in latch area, from an angle of ≤ 10°
Corrosion resistance	Grade 3 (96 hours)
Dimensions (H x D x L)	66 x 66 x 528 mm



Visit assaabloy.com to
download all relevant
product literature

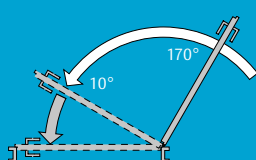


Certification and testing

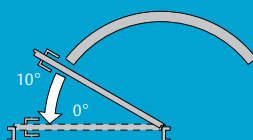
Certified in compliance with	EN 1154
CE classification	3 8 3-6 1 1 3
CE / UKCA mark	Yes
Suitable for fire and smoke protection doors	Yes (only with tamper protection)
Barrier-free according to	CEN/TR 15894



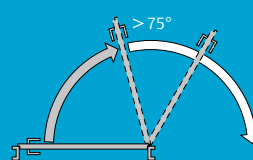
Independent adjustment via front-facing valves



Closing speed (C)



Latch speed (L)



Backcheck (B)

DC700G-CM

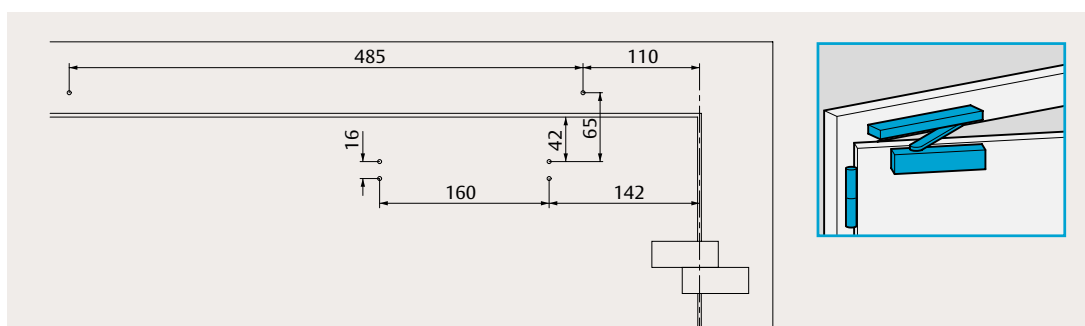
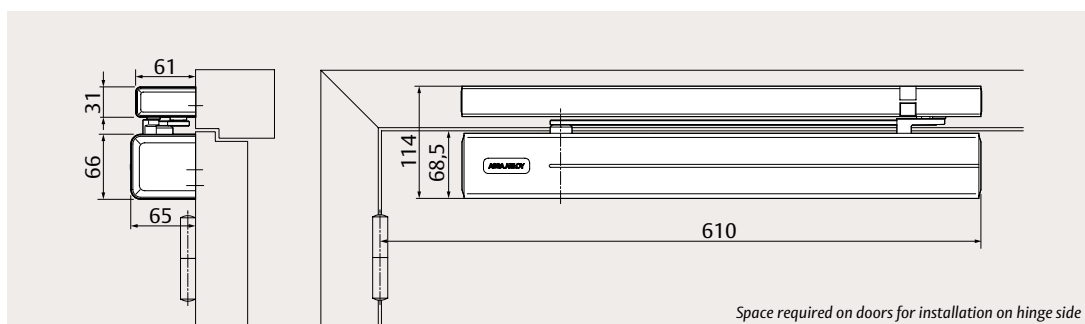
Space requirement, mounting dimensions and order information



Scan the QR code
to watch the
installation video

Direct leaf mounting on hinge side

The drawing illustrates
installation on right-handed
doors. For left-handed doors,
it is the reverse.



Door closer

DC700G-CM, EN size 3-6, silver, EV1

DC700CM---DEV1-

Guide rail

Guide rail G150, silver, EV1

DCG150----DEV1-

Accessories

Tamper protection M220, galvanized, for right-handed doors

DCM220-----40

Tamper protection M225, galvanized, for left-handed doors

DCM225-----40

Mechanical hold-open device A158

DCA158-----

Mechanical opening damper A188

DCA188-----

DC700G-CM



G150



M220



M225



A158



A188

