



DC700G-CM

Technical Datasheet

ASSA ABLOY
Opening Solutions

Door closer with Close-Motion® technology
for noise-free door closing

Experience a safer
and more open world

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
- Stainless steel design

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
- **A131** mounting plate for guide rail G150
- **A230/A240/A250/A260** adapter plates for guide rail
- **A275/A276/A277** adapter plates for door closer
- **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



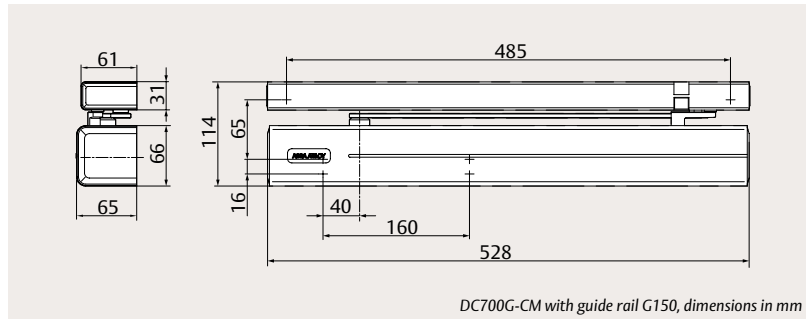
Dampen softly



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

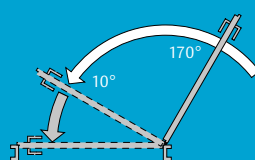


Certification and testing

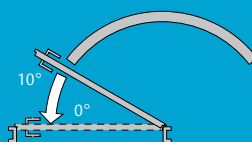
Certified in compliance with	EN 1154
CE classification	3 8 3-6 1 1 3
CE / UKCA mark	Yes
Suitable for fire and smoke protection doors	Yes (only with tamper protection)
Barrier-free according to	CEN/TR 15894



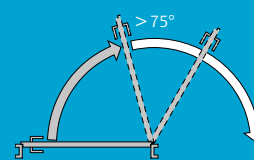
Independent adjustment via front-facing valves



Closing speed (C)



Latch speed (L)



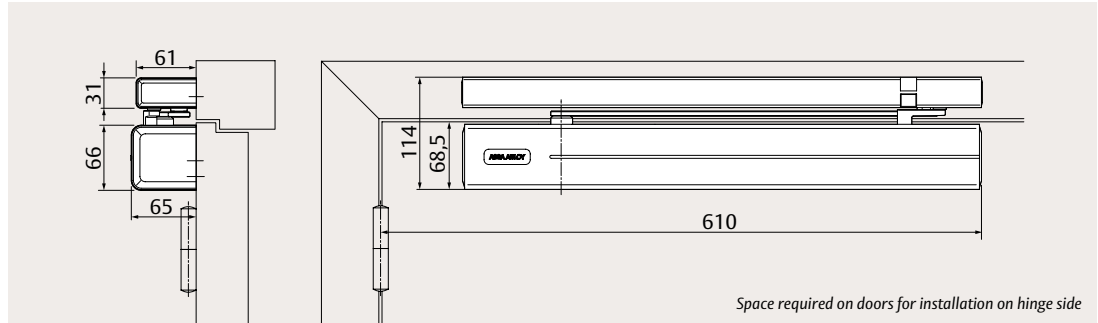
Backcheck (B)

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Space requirement, mounting dimensions and accessories

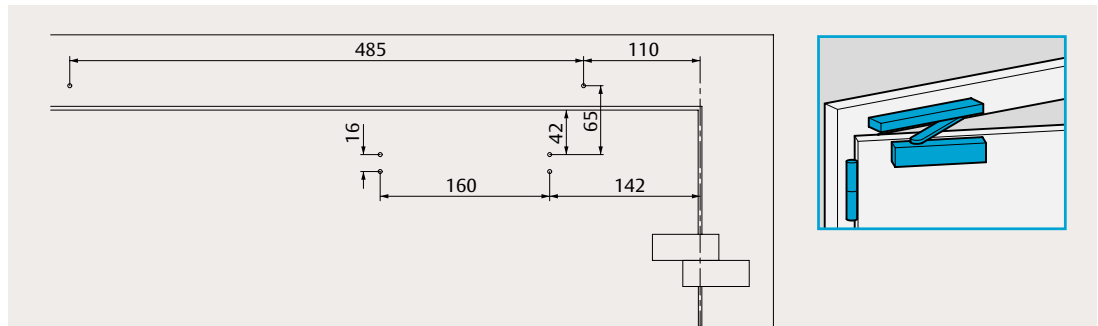


Scan the QR code
to watch the
installation video

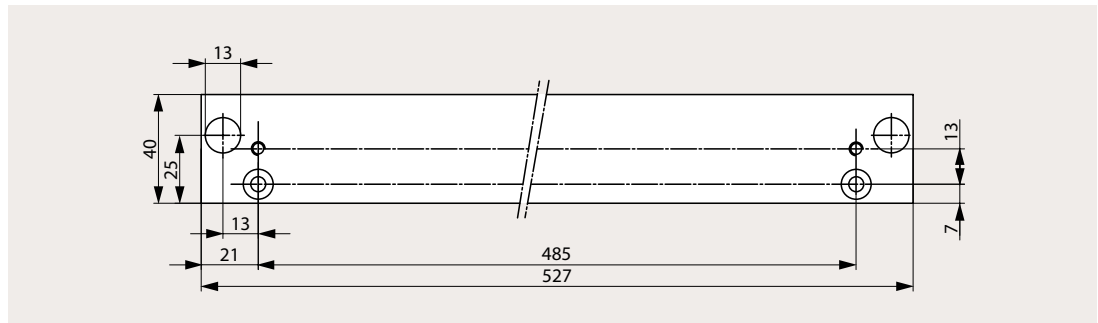


Direct leaf mounting on hinge side

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

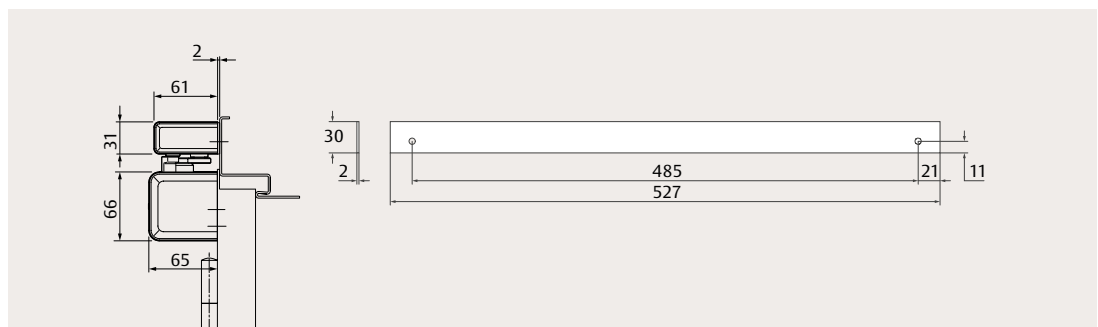


A131 mounting plate for guide rail



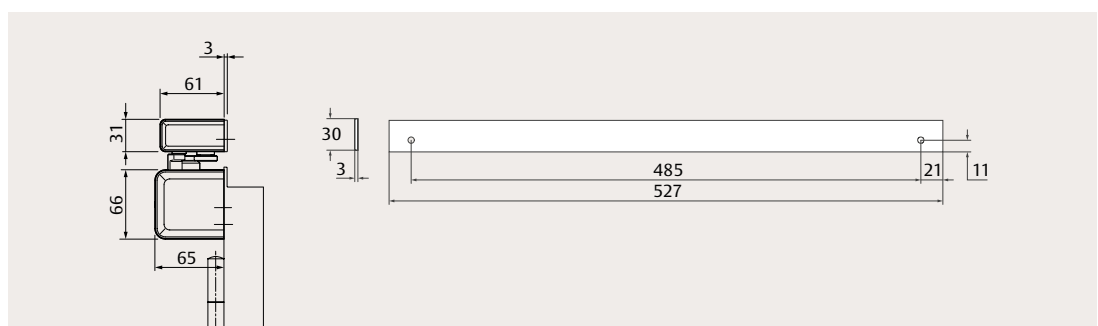
A230 adapter plate, 2 mm for mounting the guide rail on rebated doors

Combination with A240, A250,
A260 possible



A240 adapter plate, 3 mm for mounting the guide rail on rebated doors

Combination with A230, A250,
A260 possible



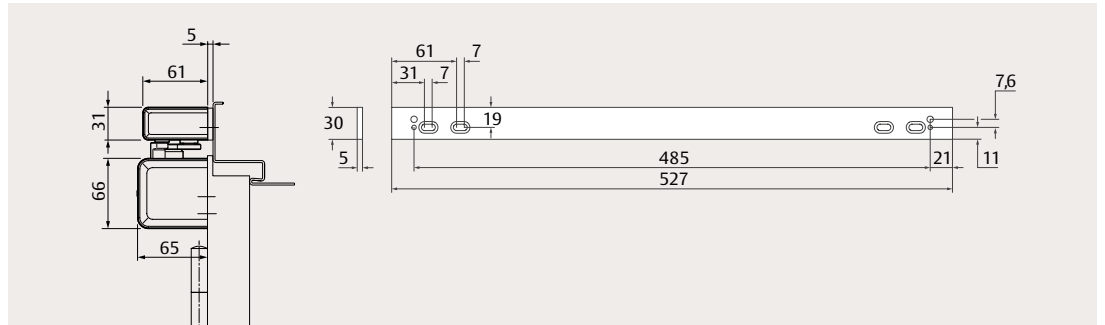
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Accessories

A250 adapter plate, 5 mm

for mounting the guide
rail on rebated doors

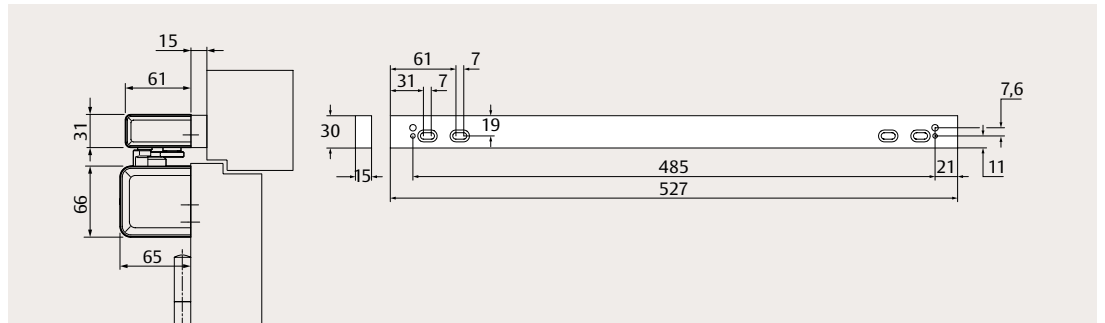
Combination with A230, A240,
A260 possible



A260 adapter plate, 15 mm

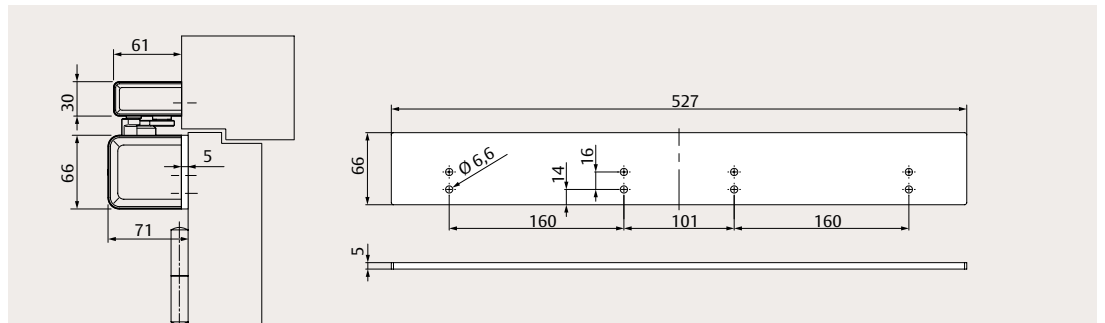
for mounting the guide
rail on rebated doors

Combination with A230, A240,
A250 possible



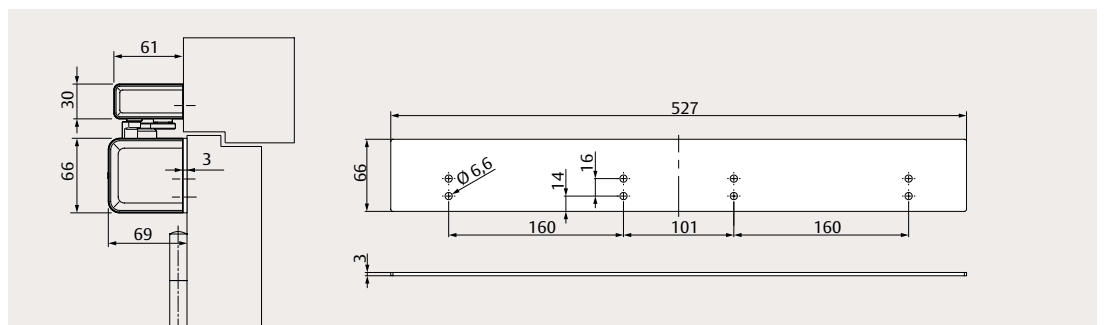
A275 adapter plate, 5 mm

for mounting the door
closer on recessed doors



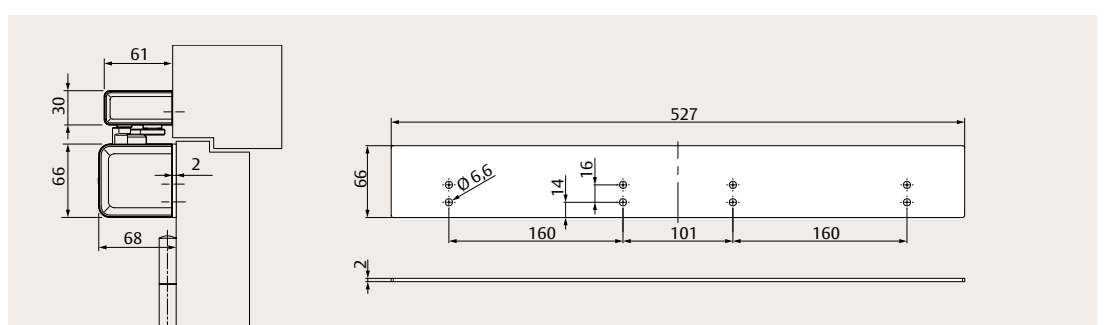
A276 adapter plate, 3 mm

for mounting the door
closer on recessed doors



A277 adapter plate, 2 mm

for mounting the door
closer on recessed doors



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Order information



Door closers

DC700G-CM, EN size 3-6, silver, EV1	DC700CM---DEV1-
DC700G-CM, EN size 3-6, stainless steel design	DC700CM---D35--

Guide rails

Guide rail G150, silver, EV1	DCG150----DEV1-
Guide rail G150, stainless steel design	DCG150----D35--

Accessories

Mounting plate A131, silver, EV1	DCA131-----EV1-
Mounting plate A131, white, similar to RAL 9016	DCA131-----9016
Tamper protection M220, galvanized, for right-handed doors	DCM220-----40
Tamper protection M225, galvanized, for left-handed doors	DCM225-----40
Adapter plate A230, 2 mm, stainless steel	DCA230-----35--
Adapter plate A240, 3 mm, stainless steel	DCA240-----35--
Adapter plate A250, 5 mm, silver, EV1	DCA250-----EV1-
Adapter plate A260, 15 mm, silver, EV1	DCA260-----EV1-
Adapter plate A275, 5 mm, silver, EV1	DCA275-----EV1-
Adapter plate A276, 3 mm, silver, EV1	DCA276-----EV1-
Adapter plate A277, 2 mm, silver, EV1	DCA277-----EV1-
Mechanical hold-open device A158	DCA158-----
Opening damper A188	DCA188-----

DC700G-CM, silver



DC700G-CM, SS design



G150, silver



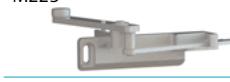
G150, SS design



M220



M225



A275



A276



A277



A158



A188



The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, door and window hardware, locks, access control and service.

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