



DC700 Technical Datasheet

ASSA ABLOY
Opening Solutions

Door closer with Cam-Motion® technology
for comfortable opening of high traffic doors

Experience a safer
and more open world

DC700

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



DC700 with guide rail G195, silver, EV1

Cam-Motion® technology creates rapidly decreasing opening force without losing fire or smoke protection compliance

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.

- Certified in compliance with EN 1154, size 3-6
- Suitable for fire and smoke protection doors
- For single leaf doors up to 1400 mm width
- Barrier-free according to DIN 18040 (max. leaf width 1250 mm) and CEN/TR 15894

Colours

- Silver, EV1
- White, similar to RAL 9016
- Brown, similar to RAL 8014
- Black, similar to RAL 9005
- Stainless steel, design & full cover
- Customized colours on request

Features

- Symmetric cam design allows 4 mounting options
- Height-adjustable, grooved spindle (14 mm) compensates installation mistakes
- 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 indoor/outdoor temperatures
- Backcheck functionality as standard protects frame and surrounding areas
- Optional delayed closing allows more time for a user to pass through the door
- Simplified stock management with universal parts and adaptable solutions

Product variants

- **DC700DA** with delayed closing variable from max. opening angle to 70°, adjustable from front
- **DC700AC** with opening angle of 180° for standard installation on hinge side

Guide rails and accessories

- **G195** height-adjustable guide rail (2 mm) with concealed fastening screws
- **G193** standard guide rail with visible fastening screws
- **A152** mechanical hold-open device with adjustable hold-open force, keeps doors open at an angle between 80° and 130° (not approved for use on fire and smoke protection doors)
- **A153** mechanical opening damper, continuously adjustable up to an opening angle of max. 130° (does not replace door stop)
- **A120** mounting plate for door closer
- **A124** replacement plate for renovation applications
- **A130, A136** mounting plates for guide rail
- **A104** angle bracket for guide rail
- **A166** glass door shoe for mounting the door closer on a solid glass door
- **A190** screening plate for doors with narrow profiles and glass filling as cover of the back of the door
- **A176** universal drilling gauge

Four mounting options with one product



Leaf mounting on hinge side



Frame mounting on hinge side



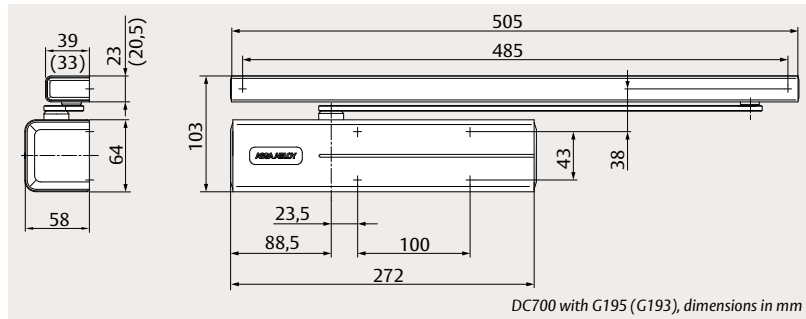
Leaf mounting on non-hinge side



Frame mounting on non-hinge side

DC700

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°
Delayed closing (D)	Variable between 120° and 70° (only for DC700DA)
Maximum opening angle	Hinge side ~165° (180° for DC700AC) Non-hinge side ~125°
Door system	Single leaf
Handing	Left- / right-handed
Mounting methods	Leaf or frame mounting Hinge or non-hinge side
Height-adjustable	Yes
Corrosion resistance	Grade 4 (240 hours)
Dimensions (H x D x L)	64 x 58 x 272 mm



Visit assaabloy.com to download all relevant product literature

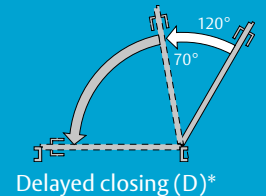
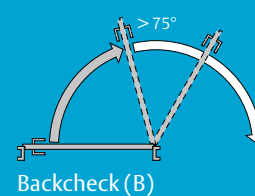
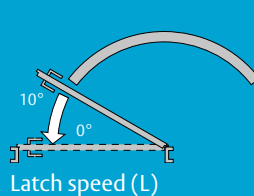
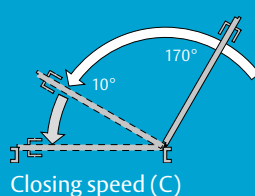


Certification and testing

Certified in compliance with	EN 1154
CE classification	3 8 3-6 1 1 4 4 8 3-6 1 1 4 (DC700AC)
CE / UKCA mark	Yes
Suitable for fire and smoke protection doors	Yes
Barrier-free according to	CEN/TR 15894 DIN 18040 (max. leaf width 1250 mm)
Third-party verified EPD	ISO 14025, EN 15804



Independent adjustment via front-facing valves



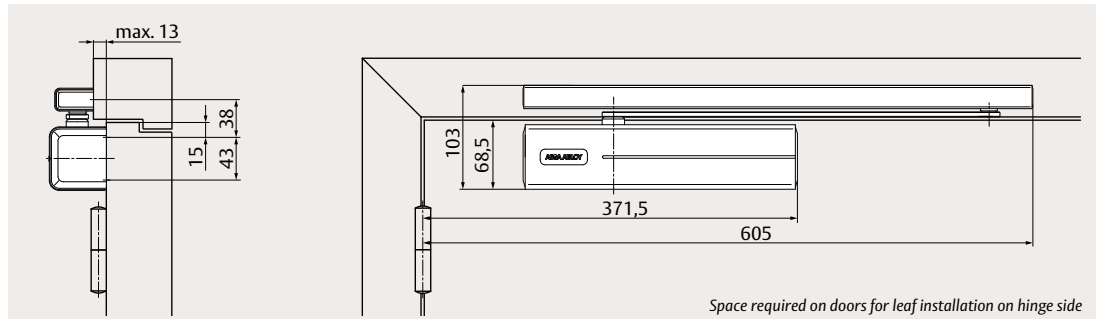
* only for DC700DA

DC700

Space requirement and mounting dimensions



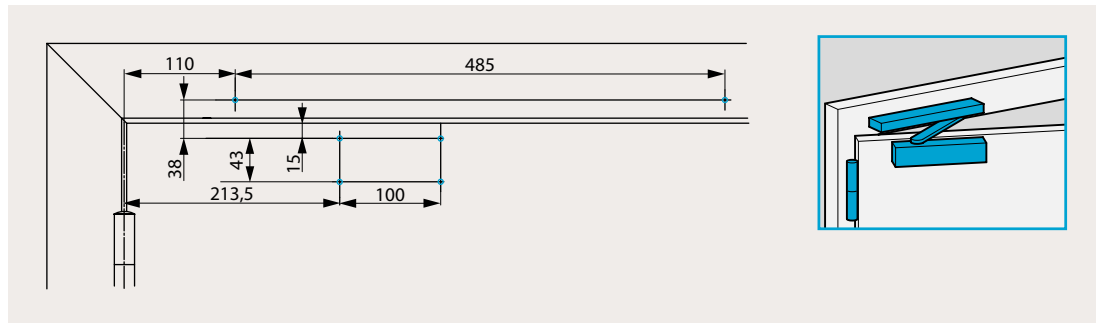
Scan QR code to
watch installation
video



Direct leaf mounting

on hinge side

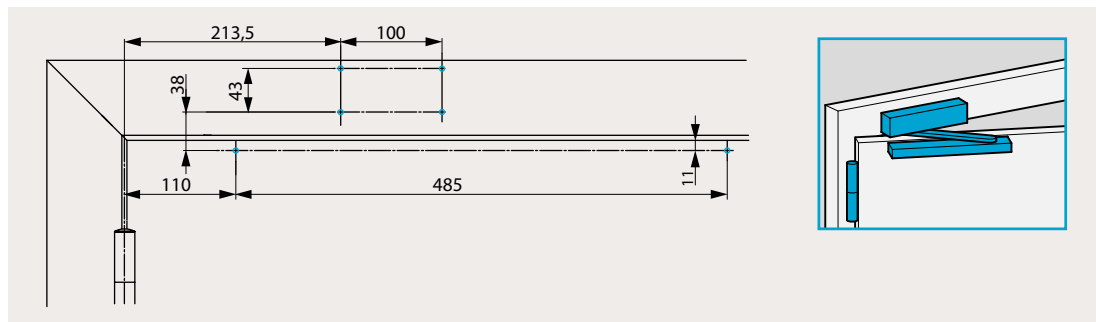
The drawing illustrates
installation on left-handed
doors. For right-handed doors,
it is the reverse.



Direct frame mounting

on hinge side

The drawing illustrates
installation on left-handed
doors. For right-handed doors,
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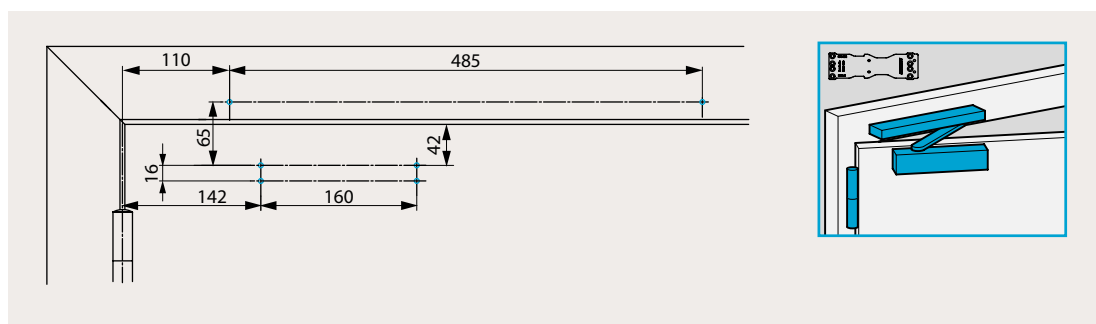


Mounting plate

leaf mounting

on hinge side

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

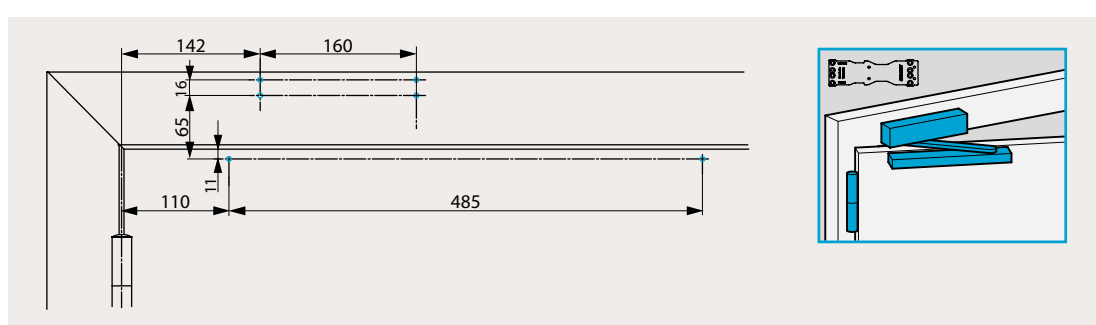


Mounting plate

frame mounting

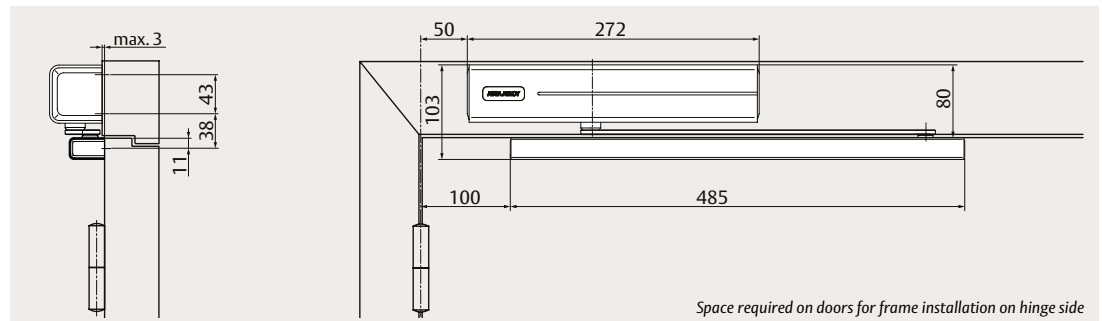
on hinge side

The drawing illustrates
installation on left-handed
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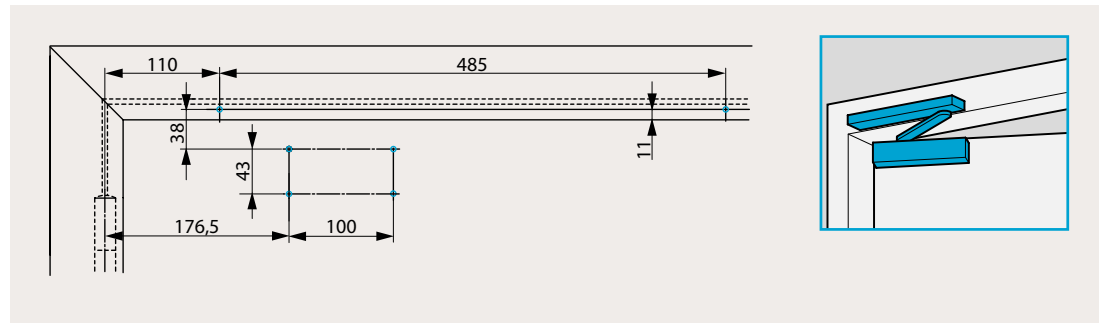
DC700

Space requirement and mounting dimensions



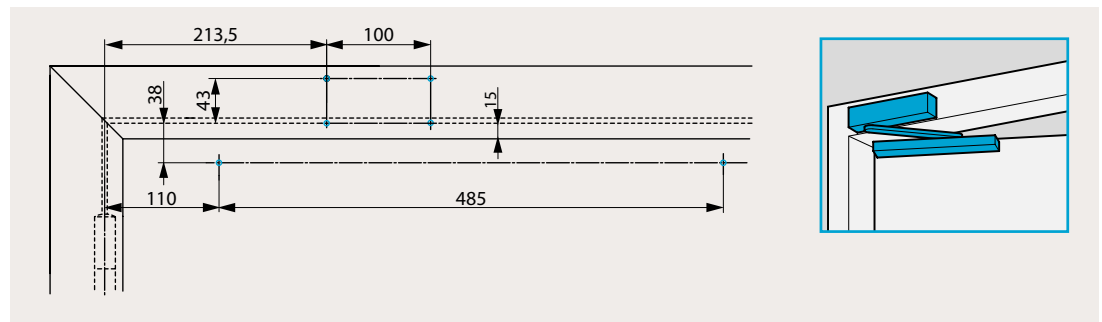
Direct leaf mounting on non-hinge side

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



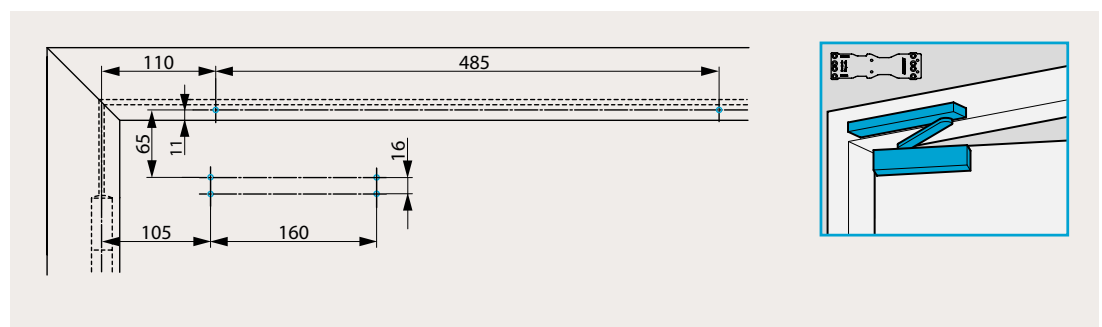
Direct frame mounting on non-hinge side

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



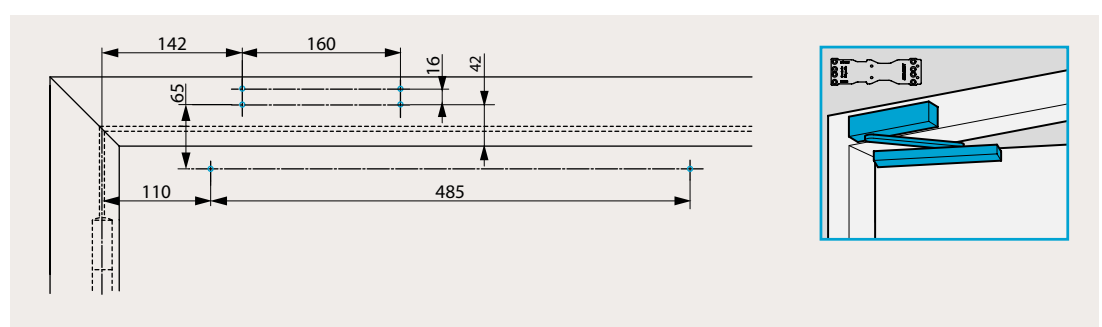
Mounting plate leaf mounting on non-hinge side

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



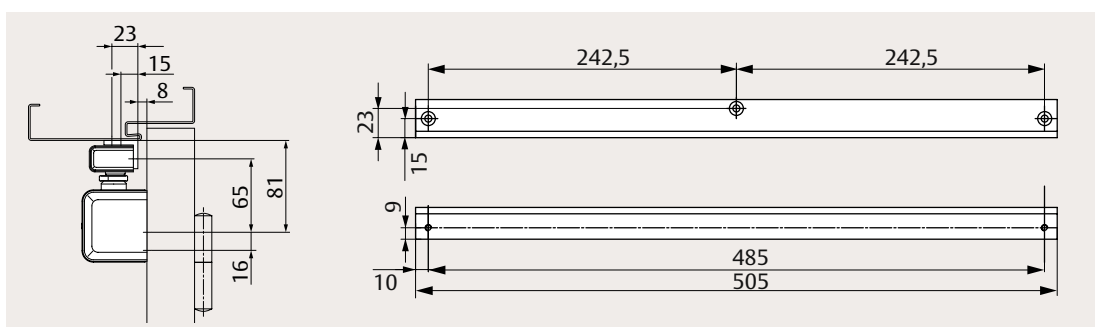
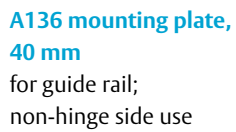
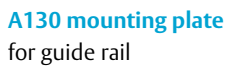
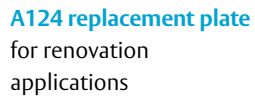
Mounting plate frame mounting on non-hinge side

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



Accessories

A120 mounting plate
in compliance with
EN 1154, supplement 1,
or for doors where direct
mounting is not possible



DC700

Order information



Door closers

DC700, EN size 3-6, silver, EV1	DC700-----DEV1-
DC700, EN size 3-6, white, similar to RAL 9016	DC700-----D9016
DC700, EN size 3-6, brown, similar to RAL 8014	DC700-----D8014
DC700, EN size 3-6, black, similar to RAL 9005	DC700-----D9005
DC700, EN size 3-6, stainless steel design	DC700-----D35--
DC700, EN size 3-6, stainless steel, full cover	DC700-1---D35--
DC700, EN size 3-6, customized finish	DC700-----DXXXX
DC700DA, EN size 3-6, silver, EV1	DC710-----DEV1-
DC700DA, EN size 3-6, white, similar to RAL 9016	DC710-----D9016
DC700DA, EN size 3-6, brown, similar to RAL 8014	DC710-----D8014
DC700DA, EN size 3-6, black, similar to RAL 9005	DC710-----D9005
DC700DA, EN size 3-6, stainless steel design	DC710-----D35--
DC700DA, EN size 3-6, stainless steel, full cover	DC710-1---D35--
DC700DA, EN size 3-6, customized finish	DC710-----DXXXX
DC700AC, EN size 3-6, silver, EV1	DC711-----DEV1-
DC700AC, EN size 3-6, white, similar to RAL 9016	DC711-----D9016
DC700AC, EN size 3-6, brown, similar to RAL 8014	DC711-----D8014
DC700AC, EN size 3-6, black, similar to RAL 9005	DC711-----D9005
DC700AC, EN size 3-6, stainless steel design	DC711-----D35--
DC700AC, EN size 3-6, stainless steel, full cover	DC711-1---D35--
DC700AC, EN size 3-6, customized finish	DC711-----DXXXX

Guide rails

Guide rail G195, silver, EV1	DCG195----DEV1-
Guide rail G195, white, similar to RAL 9016	DCG195----D9016
Guide rail G195, brown, similar to RAL 8014	DCG195----D8014
Guide rail G195, black, similar to RAL 9005	DCG195----D9005
Guide rail G195, stainless steel	DCG195----D35--
Guide rail G195, customized finish	DCG195----DXXXX
Guide rail G193, silver, EV1	DCG193-----EV1-
Guide rail G193, white, similar to RAL 9016	DCG193-----9016
Guide rail G193, brown, similar to RAL 8014	DCG193-----8014
Guide rail G193, black, similar to RAL 9005	DCG193-----9005

Accessories

Mounting plate A120, galvanized	DCA120-----40
Mounting plate A130, silver, EV1	DCA130-----EV1-
Mounting plate A130, white, similar to RAL 9016	DCA130-----9016
Mounting plate A130, brown, similar to RAL 8014	DCA130-----8014
Mounting plate A130, black, similar to RAL 9005	DCA130-----9005
Mounting plate A130, customized finish	DCA130-----XXXX
Mounting plate A136, silver, EV1	DCA136-----EV1-
Angle bracket A104, silver, EV1	DCA104-----EV1-
Angle bracket A104, white, RAL 9016	DCA104-----9016
Angle bracket A104, brown, similar to RAL 8014	DCA104-----8014
Angle bracket A104, black, similar to RAL 9005	DCA104-----9005
Replacement plate A124, galvanized	DCA124-----40
Glass door shoe A166, silver, EV1	DCA166-----EV1-
Screening plate A190, stainless steel	DCA190-----35--
Universal drilling gauge A176	DCA176-----
Mechanical hold-open device A152	DCA152-----
Mechanical opening damper A153	DCA153-----

Silver, EV1



White, similar to RAL 9016



Brown, similar to RAL 8014



Black, similar to RAL 9005



Stainless steel design



Stainless steel full cover



G195



G193



A130



A136



A104



A120



A124



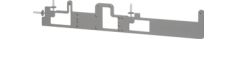
A166



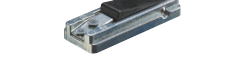
A190



A176



A152



A153



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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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