

DC700

Door closer with Cam-Motion® technology and guide rail



ASSA ABLOY DC700

- Door closer with Cam-Motion® technology and height-adjustable guide rail G195 or standard guide rail G193
- Fulfills barrier-free building requirements (EA / CEN TR 15894)
- Certified in compliance with EN 1154, size 3-6
- Suitable for fire and smoke protection doors
- For single action doors up to 1400 mm wide
- Can be used in four installation types: hinge and non-hinge sides in standard and frame installation

Characteristics of DC700

- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- Can be used for left and right-handed doors
- 14 mm height adjustable arm system for ease of fitting
- Closing speed, latching speed and backcheck adjustable via front facing regulating valves
- Thermodynamic valves for consistent performance
- Variable adjustable closing force
- Opening angle up to 160°
- Effective backcheck and latching speed range adjustable
- Large range of applications
- Standard colours: silver EV1; white, similar to RAL9016; brown, similar to RAL8014; black, similar to RAL9005, stainless steel
- Customised finishes available on request



CE	Abloy Oy, PO Box 108 80101 Joensuu Finland	16
DC700	EN 1154:1996/A1:2002/AC:2006 1121-CPR-AD5238	3 8 6 3 1 1 4
Dangerous substances: None		

CE	Abloy Oy, PO Box 108 80101 Joensuu Finland	16
DC700DA	EN 1154:1996/A1:2002/AC:2006 1121-CPR-AD5239	3 8 6 3 1 1 4
Dangerous substances: None		

Characteristics of special model DC700DA

- Delayed closing variable from max. opening angle - 70°, adjustable from front
- Other features as in model DC700

Characteristics of special model DC700AC

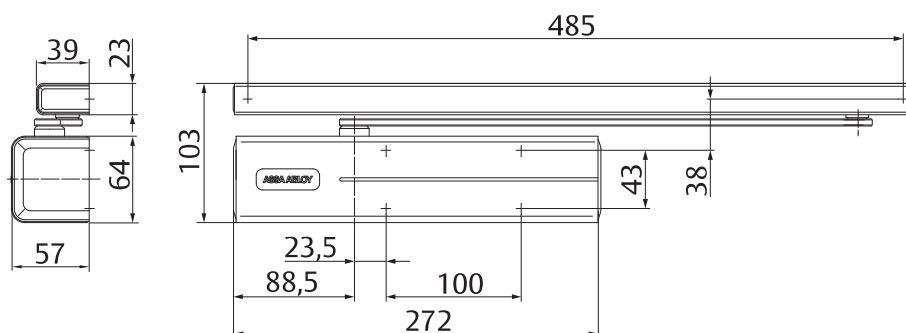
- Opening angle of 180° for standard installation on hinge side
- Other features as in model DC700

Characteristics for guide rail G195

- Height-adjustable by 2 mm for tolerance
- Concealed fastening screws
- Installation dimensions: see diagram

Characteristics of standard guide rail G193

- Without protective cover
- Visible fastening screws
- Installation dimensions: see diagram (dimensions in brackets)



DC700

Technical attributes

Technical attributes	
Closing force	EN 3-6
Door width up to	1400 mm
Suitable for fire doors	Yes
Handing	Left / right handed
Mounting method	Standard and frame installation
Closing speed	Variable between 170°-10°
Latching speed	Variable between 10°-0°
Backcheck	Variable above 75°
Max. door opening angle hinge side	Ca. 160°
Max. door opening angle non-hinge side	Ca. 120°
Delayed action	No
Weight	2.7 kg
Height	64 mm
Depth	58 mm
Length	272 mm
Certified in compliance with	EN 1154
CE marking for building products	Yes

Our service for you: here you can see the individual advantages of our door closer models for your respective field of business.

The advantages at a glance

Customer segment	Advantages
Project planners	<ul style="list-style-type: none"> - Extensive range of uses: Fire and smoke protection doors as well as standard doors - Modern design - Compact design - Fulfills barrier-free building requirements (EA / CEN TR 15894) - Same dimensions and design with and without mounting plate - Comprehensive functions, standard and optional
Builders	<ul style="list-style-type: none"> - One drilling template overall - Adjustable to nearly all door and frame types - Quick and easy installation - Quickly and easily adjustable - Suitable for left and right handed doors for standard and frame mounting on hinge and non-hinge side
Trade	<ul style="list-style-type: none"> - One single product suitable for a large variety of mounting positions - Reduced inventory costs due to modular product range - Complementary accessories available for the whole product range
User	<ul style="list-style-type: none"> - Largely unaffected by temperature fluctuations thanks to thermodynamic valves - Easier door opening and improved accessibility due to rapidly decreasing torque - Backcheck feature offers optimum protection for doors and walls

Specifications for DC700

ASSA ABLOY Door Closer DC700 with Cam-Motion® technology and guide rail in compliance with EN 1154

- Closing power adjustable, EN size 3-6, for doors up to 1400 mm wide
- Closing speed, latching speed and backcheck adjustable via front facing regulating valves
- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- CE approved
- 14 mm height adjustable arm system for ease of fitting
- Standard and frame mounting on hinge and non-hinge side of the door
- Suitable for left and right handed doors
- Hold-open device continuously adjustable between ca. 80° and 130°
- Hold-open device is traversable

Accessories:

- ☐ Standard guide rail G193
- ☐ Height-adjustable guide rail G195
- ☐ Mounting plate A120
- ☐ Mounting plate A130 for guide rail G193 and G195
- ☐ Angle bracket A104 for guide rail G193
- ☐ Mechanical opening damper A153
- ☐ Mechanical hold-open device A152 (not for fire and smoke protection doors)
- ☐ Glass door shoe A166
- ☐ Screening plate A190

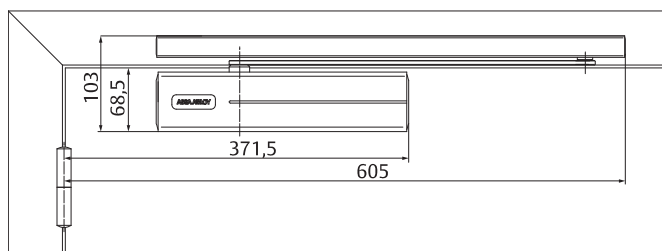
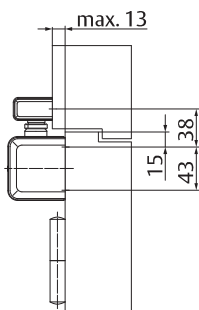
Colour:

- ☐ Silver EV1
- ☐ White, similar to RAL9016
- ☐ Brown, similar to RAL8014
- ☐ Black, similar to RAL9005
- ☐ Stainless steel
- ☐ Customised finishes available on request

You can find the complete specification on the internet at: www.assaabloy.de

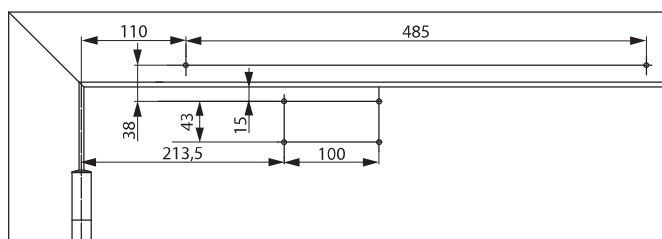
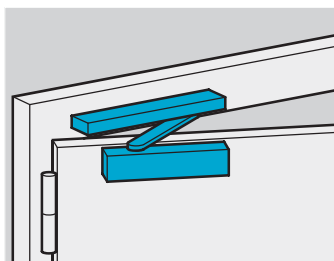
DC700

Dimensional drawings



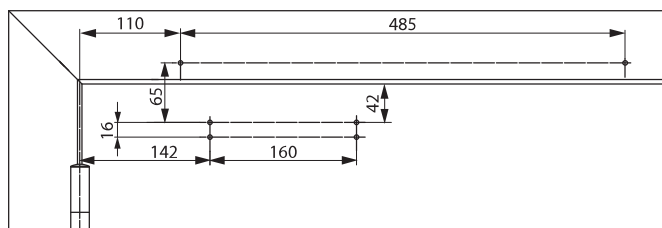
Space required on doors for standard installation on hinge side

Left handed shown in diagram
Right handed is the reverse



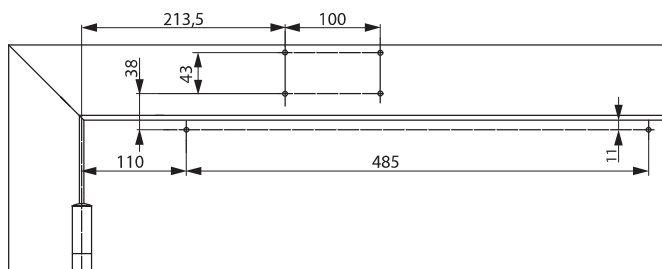
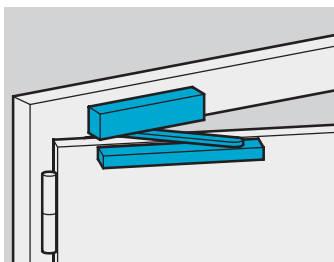
Installation dimensions for direct standard mounting on hinge side

Left handed shown in diagram
Right handed is the reverse



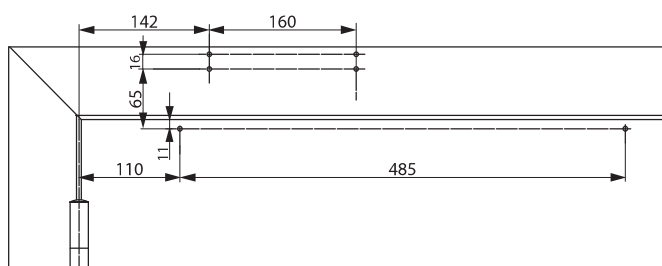
Installation dimensions with mounting plate for standard mounting on hinge side

In compliance with EN 1154, Supplement 1, or for doors where direct mounting is not possible.
Left handed shown in diagram
Right handed is the reverse



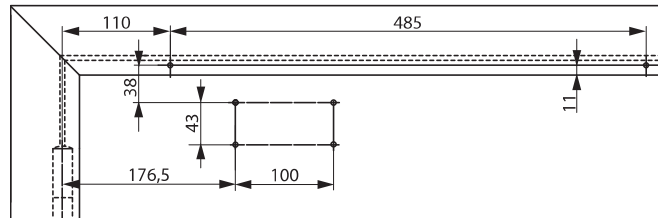
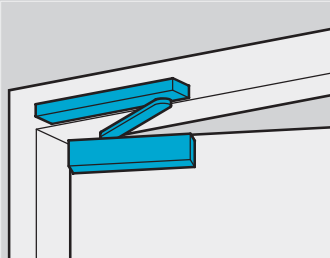
Installation dimensions for direct frame mounting on hinge side

Closer on hinge side of door frame.
Left handed shown in diagram
Right handed is the reverse



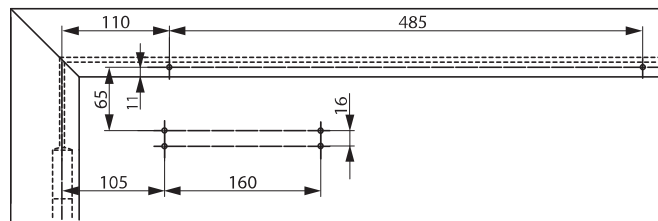
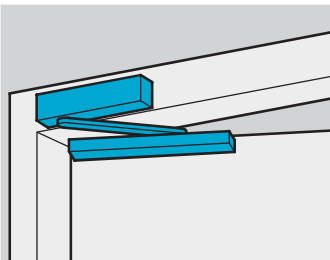
Installation dimensions with mounting plate for frame mounting on hinge side

Closer on hinge side of door frame. For doors where direct mounting is not possible.
Left handed shown in diagram
Right handed is the reverse



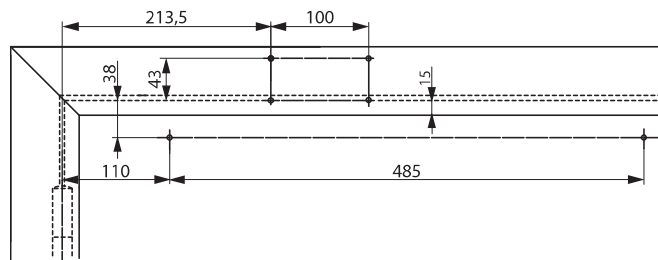
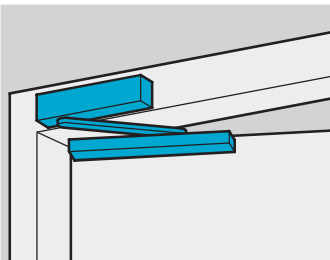
Installation dimensions for direct standard mounting non hinge side

Right handed door shown in diagram
Left handed door is the reverse



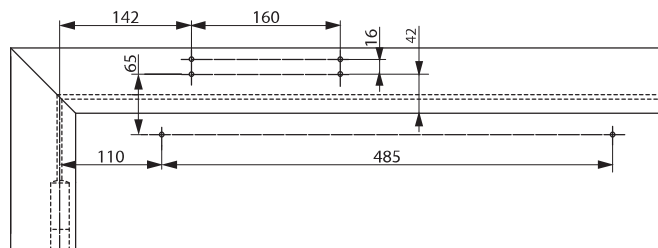
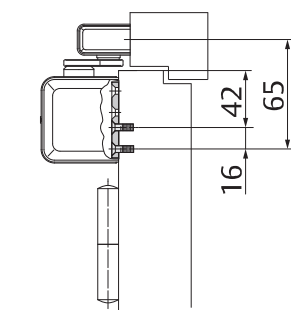
Installation dimensions with mounting plate for standard mounting non hinge side

For doors where direct mounting is not possible
Right handed door shown in diagram
Left handed door is the reverse



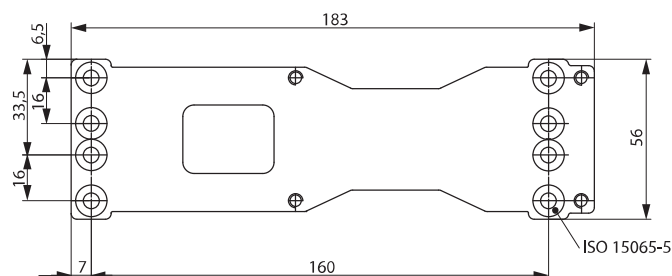
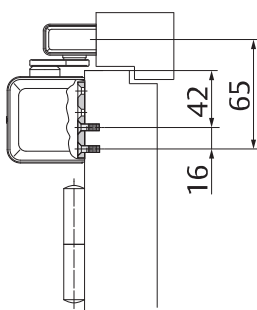
Installation dimensions when mounted directly onto the frame non-hinge side

Closer on non-hinge side of door frame
Right handed door shown in diagram
Left handed door is the reverse



Installation dimensions with mounting plate for frame mounting non-hinge side

Closer on non-hinge side of door frame. For doors where direct mounting is not possible.
Right handed door shown in diagram
Left handed door is the reverse



Mounting plate A120

For mounting with drilling template acc. to EN 1154 Supplement 1 and for universal use