

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	[Wrench and screwdriver icon]	[QR code]	16	3 8 6 1 1 4			
					Dangerous substances: None			
DC700	EN 1154:1996/A1:2002/AC:2006 1121-CPR-AD5238							

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

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

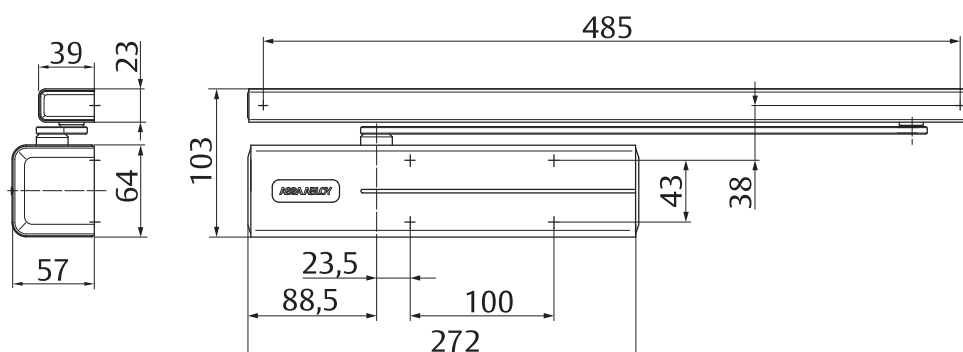
- Opening angle of 180° for standard installation on hinge side
- Other features as in model DC700

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

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 - Fulfils 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

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

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

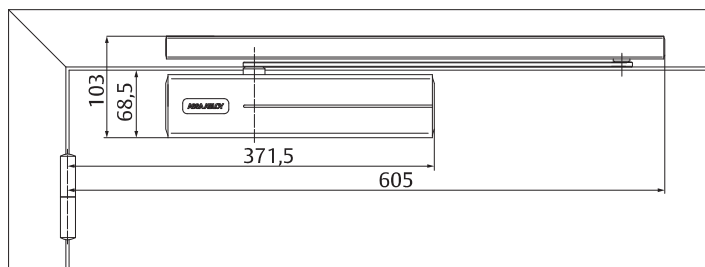
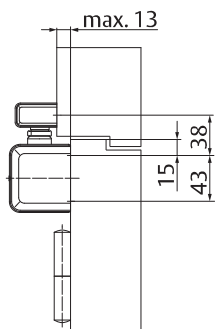
Colour:

- 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

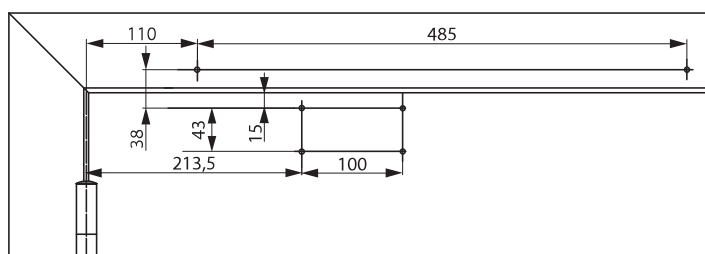
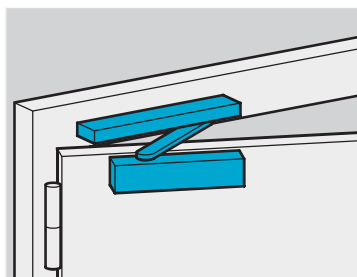
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Dimensional drawings



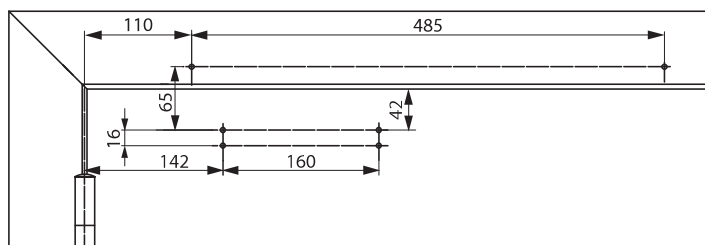
Space required on doors for standard installation on hinge side

Left handed shown in diagram
Right handed is the reverse



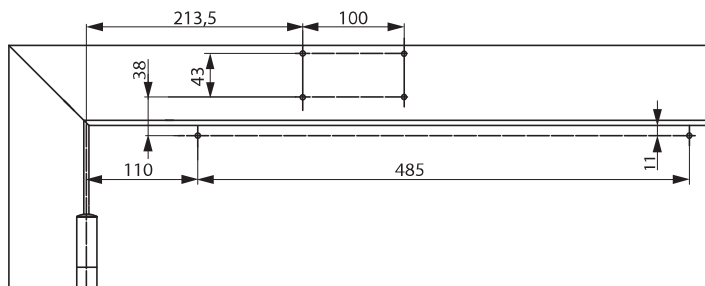
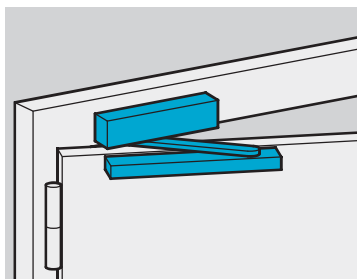
Installation dimensions for direct standard mounting on hinge side

Left handed shown in diagram
Right handed is the reverse



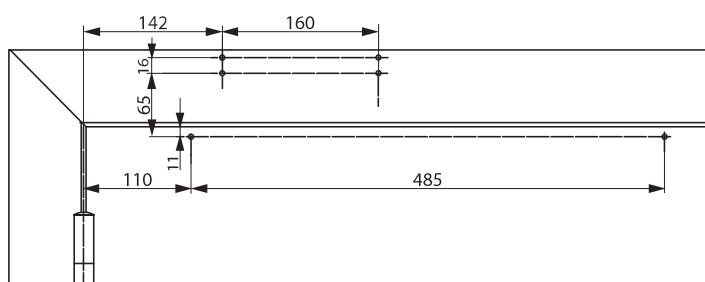
Installation dimensions with mounting plate for standard mounting on hinge side

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



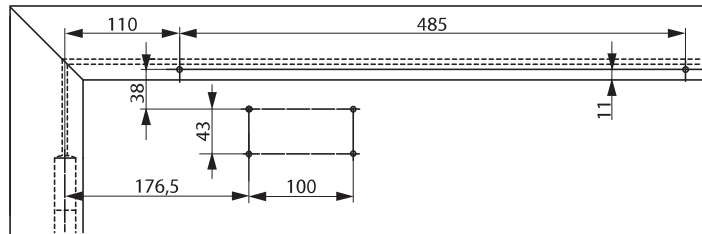
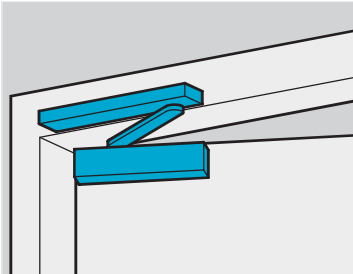
Installation dimensions for direct frame mounting on hinge side

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



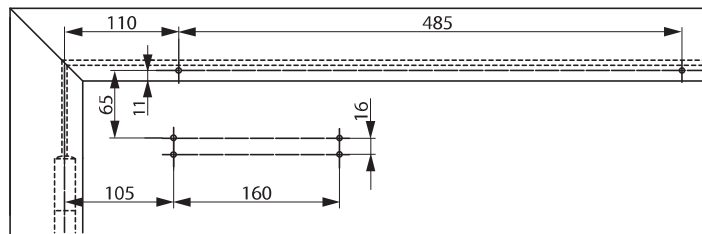
Installation dimensions with mounting plate for frame mounting on hinge side

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



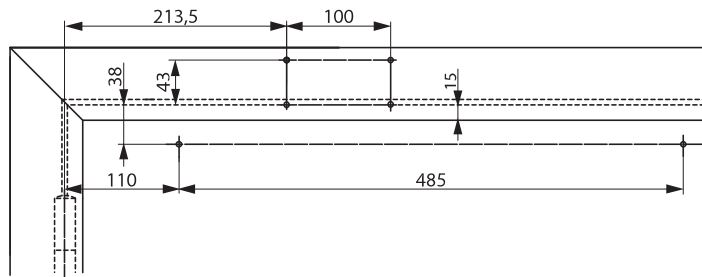
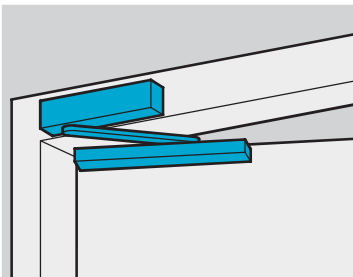
Installation dimensions for direct standard mounting non hinge side

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



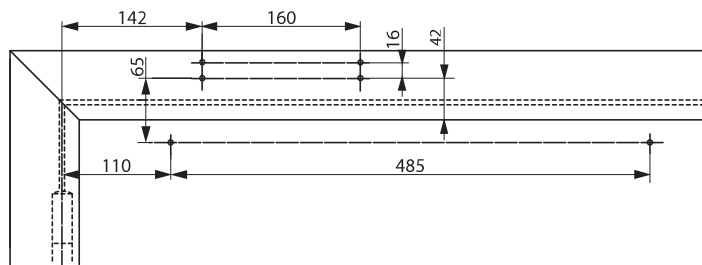
Installation dimensions with mounting plate for standard mounting non hinge side

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



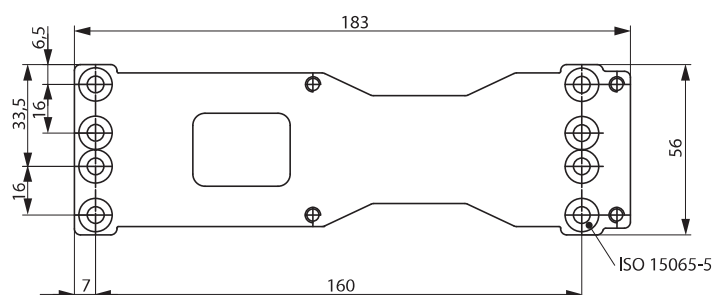
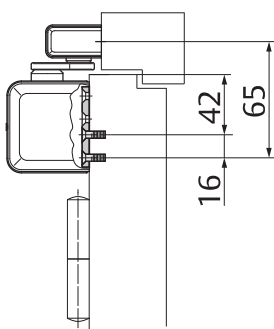
Installation dimensions when mounted directly onto the frame non-hinge side

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

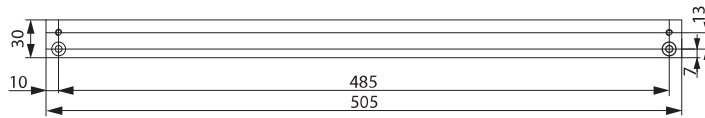
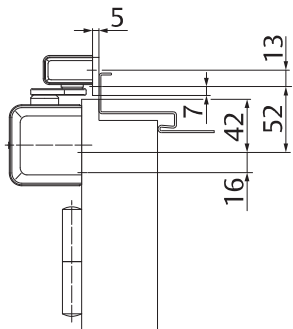


Mounting plate A120

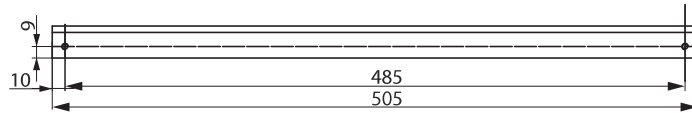
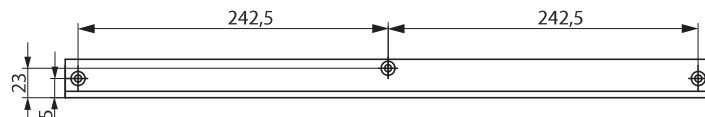
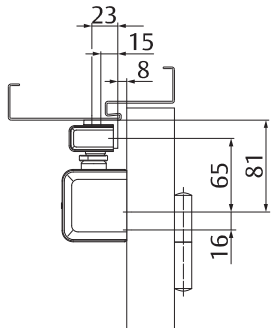
For mounting with drilling template acc. to EN 1154 Supplement 1 and for universal use

DC700

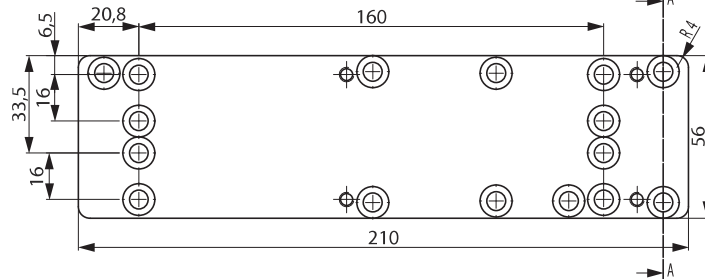
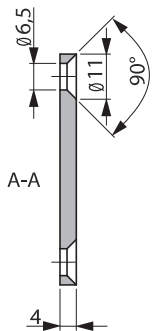
Accessories



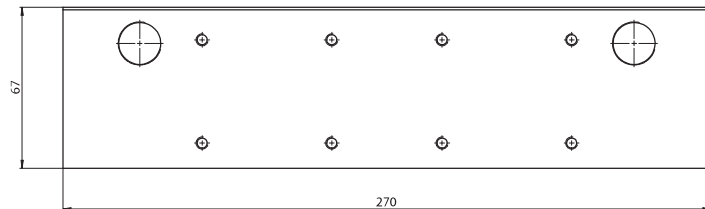
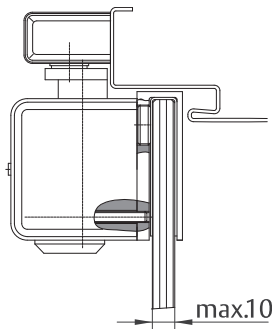
Mounting plate A130
For guide rail G193 and G195



Angle bracket A104
Only for standard guide rail G193



Replacement plate A124
For renovation applications



Glass door shoe A166
For mounting the door closer on the all-glass door leaf.

DC700

Accessories

Stainless steel full cover

For DC500 and DC700



Stainless steel design cover

For DC500 and DC700



Hold-open device A152

Mechanical hold-open device for doors which sometimes need to be secured in the open position.

Simple fitting into guide rail G193 and G195.

Hold-open angle max. 130°

Not approved for use on fire and smoke protection doors

Continuously adjustable holding force



Opening damper A153

Helps to prevent the door and door handle from hitting a return wall.

Simple fitting into guide rail.

Opening damper continuously adjustable up to an opening angle of max. 130°.

Does not replace a door stop.



Screening plate A190

Use on doors with narrow profiles and glass filling as cover of the back of the door.



Universal drilling template A176

Universal drilling template for door closer models DC700, DC500, DC300 and DC200

For hing side using



DC700

Order placement information

Designation / Item	Order no.	Designation / Item	Order no.
DC700, EN size 3-6, silver EV1	DC700----DEV1-	Guide rail G195, white, similar to RAL9016	DCC195----D9016
DC700, EN size 3-6, white, similar to RAL9016	DC700----D9016	Guide rail G195, brown, similar to RAL8014	DCC195----D8014
DC700, EN size 3-6, brown, similar to RAL8014	DC700----D8014	Guide rail G195, black, similar to RAL9005	DCC195----D9005
DC700, EN size 3-6, black, similar to RAL9005	DC700----D9005	Guide rail G195, stainless steel	DCC195----D35--
DC700, EN size 3-6, stainless steel, ASSA ABLOY design	DC700----D35--	Guide rail G195, bespoke finish	DCC195----DXXXX
DC700, EN size 3-6, customised finish	DC700----DXXXX	Mounting plate A120, galvanised	DCA120-----40
DC700DA, EN size 3-6, silver EV1	DC710----DEV1-	Mounting plate A136, non-hinge side, for Guide Rail G193 and G195, 40 mm, silver EV1	DCA136----EV1-
DC700DA, EN size 3-6, white, similar to RAL9016	DC710----D9016	Mounting plate A130, silver EV1	DCA130----EV1-
DC700DA, EN size 3-6, brown, similar to RAL8014	DC710----D8014	Mounting plate A130, white, similar to RAL9016	DCA130----9016
DC700DA, EN size 3-6, black, similar to RAL9005	DC710----D9005	Mounting plate A130, brown, similar to RAL8014	DCA130----8014
DC700DA, EN size 3-6, stainless steel, ASSA ABLOY design	DC710----D35--	Mounting plate A130, black, similar to RAL9005	DCA130----9005
DC700DA, EN size 3-6, customised finish	DC710----DXXXX	Mounting plate A130, customised finish	DCA130----XXXX
DC700AC, EN size 3-6, silver EV1	DC711----DEV1-	Glass door shoe A166, silver EV1	DCA166----EV1-
DC700AC, EN size 3-6, white, similar to RAL9016	DC711----D9016	Angle bracket A104, silver EV1	DCA104----EV1-
DC700AC, EN size 3-6, stainless steel, ASSA ABLOY design	DC711----D35--	Angle bracket A104, RAL9016 white	DCA104----9016
DC700AC, EN size 3-6, customised finish	DC711----DXXXX	Angle bracket A104, brown, similar to RAL8014	DCA104----8014
Guide rail G193, silver EV1	DCC193----EV1-	Angle bracket A104, black, similar to RAL9005	DCA104----9005
Guide rail G193, white, similar to RAL9016	DCC193----9016	Replacement plate A124, galvanised	DCA124-----40
Guide rail G193, brown, similar to RAL8014	DCC193----8014	Hold-open device A152	DCA152-----
Guide rail G193, black, similar to RAL9005	DCC193----9005	Opening damper A153	DCA153-----
Guide rail G195, silver EV1	DCC195----DEV1-	Drilling gauge A176, ASSA ABLOY door closers	DCA176-----
		Screening plate A190, stainless steel	DCA190----35--