

Door closer with Cam-Motion® technology and height adjustable guide rail G195 or standard guide rail G193

Door closer with Cam-Motion® technology and guide rail

Product description

- 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 1-4
- For single action doors up to 1100 mm wide
- Can be used in four installation types: hinge and non-hinge sides in standard and frame installation
- Suitable for fire and smoke protection doors

Overview of Advantages

- Can be used with concealed mounting plate, suitable for fire and smoke protection doors
- Can be used for left and right-handed doors
- Axis continuously height adjustable up to 14 mm
- 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-design
- Customised finishes available on request

Characteristics for guide rail G195

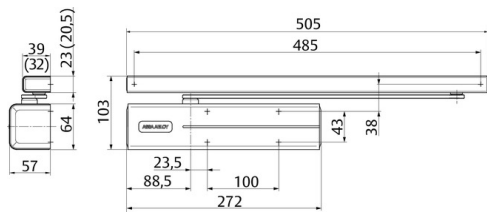
- Height adjustable by 2 mm for tolerance
- Concealed fastening screws
- Installation dimensions: see diagram

Characteristics of standard guide rail G193

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

Accessories/Individual parts

- DCG193-----EV1- (Order number:)
- DCG193-----9016 (Order number:)
- DCG193-----8014 (Order number:)
- DCG193-----9005 (Order number:)
- DCG195-----DEV1- (Order number:)
- DCG195-----D9016 (Order number:)
- DCG195-----D8014 (Order number:)
- DCG195-----D9005 (Order number:)
- DCG195-----D35-- (Order number:)
- DCG195-----DXXXX (Order number:)
- DCA120-----40 (Order number:)
- DCA130-----EV1- (Order number:)
- DCA130-----9016 (Order number:)
- DCA130-----8014 (Order number:)
- DCA130-----9005 (Order number:)
- DCA130-----XXXX (Order number:)
- DCA133-----EV1- (Order number:)
- DCA136-----EV1- (Order number:)
- DCA166-----EV1- (Order number:)
- DCA104-----EV1- (Order number:)
- DCA104-----9016 (Order number:)
- DCA104-----8014 (Order number:)
- DCA104-----9005 (Order number:)
- DCA152----- (Order number:)
- DCA153----- (Order number:)
- DCA190-----35-- (Order number:)
- DCA176----- (Order number:)



The advantages at a glance

Customer segment	Advantages
Project planners	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
Builders	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	Reduced inventory costs due to modular product range One single product suitable for a large variety of mounting positions Complementary accessories available for the whole product range
User	Largely unaffected by temperature fluctuations because of thermodynamic valves Easier door opening and improved accessibility due to readily decreasing torque

Technical data

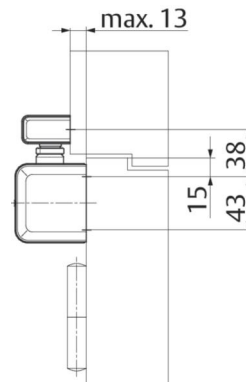
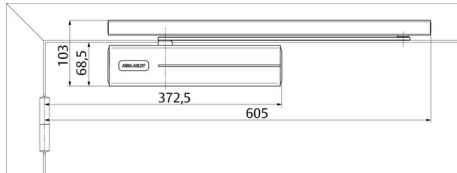
Closing force	EN 1-4
Door width up to	1.100 mm
Suitable for fire doors	Yes
DIN direction	Left / right handed
Mounting method	Standard and frame installation
Closing speed	Variable between 170°-10°
Latching speed	Variable between 10°-0°
Backcheck effect	Variable above 75°
Max. door opening angle hinge side	ca. 170°
Max. door opening angle non-hinge side	ca. 120°
CE marking for building products	Yes
Certified in compliance with	EN 1154
Length	272 mm
Height	64 mm
Depth	57 mm
Weight	2.7 kg

Variants that can be ordered

Order number	Description
DC500-----DEV1-	EN size 1-4, silver EV1
DC500-----D9016	EN size 1-4, white, similar to RAL9016
DC500-----D8014	EN size 1-4, brown, similar to RAL8014
DC500-----D9005	EN size 1-4, black, similar to RAL9005
DC500-----D35--	EN size 1-4, stainless steel design
DC500-----DXXXX	EN size 1-4, customised finish

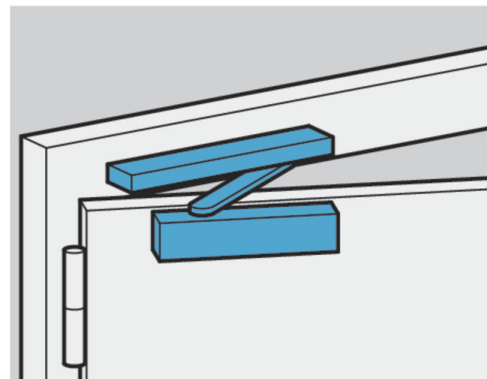
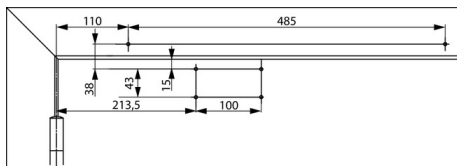
view construction

Space required on doors for standard installation on hinge side

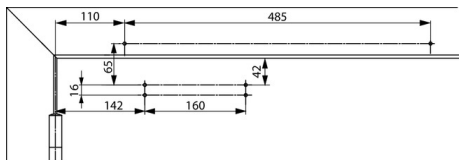


Left handed shown in diagram
Right handed is the reverse

Installation dimensions for direct standard mounting on hinge side



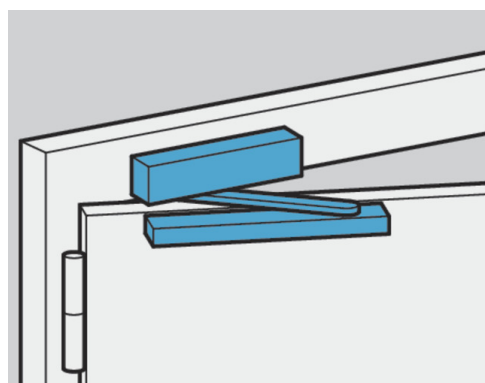
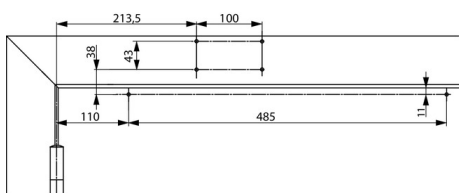
Left handed shown in diagram
Right handed is the reverse

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

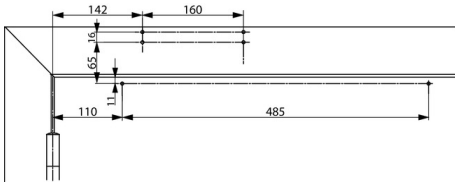
Right handed is the reverse

Installation dimensions for direct frame mounting on hinge side

Closer on hinge side of door frame.

Left handed shown in diagram

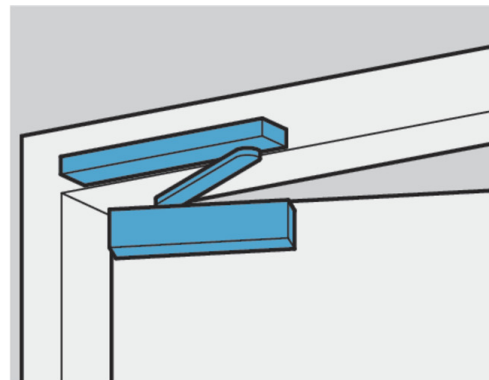
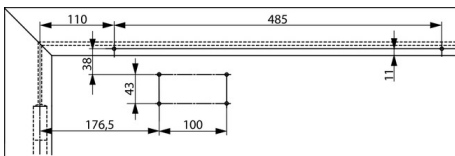
Right handed is the reverse

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.

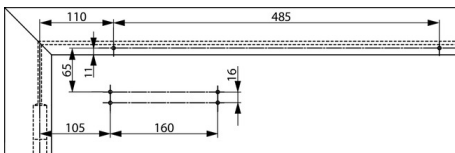
Left handed shown in diagram

Right handed is the reverse

Installation dimensions for direct standard mounting non hinge side

Right handed door shown in diagram

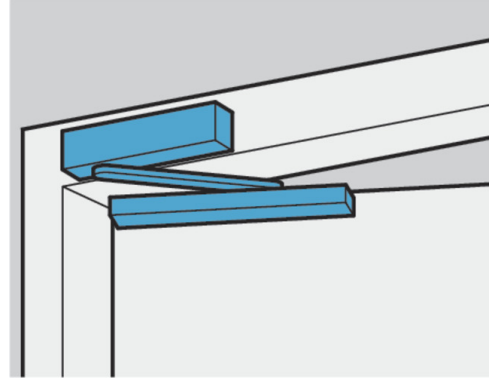
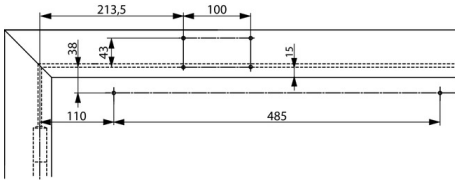
Left handed door is the reverse

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

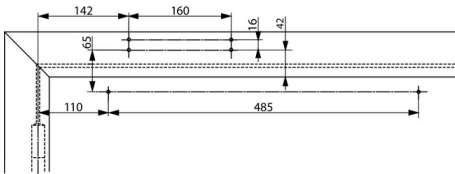
Left handed door is the reverse

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

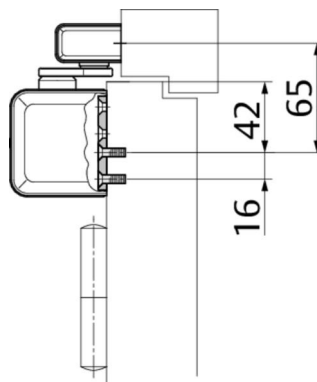
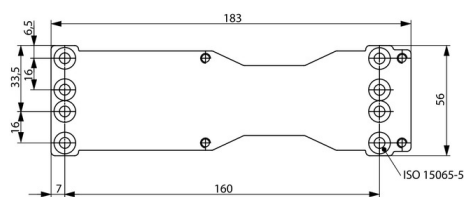
Left handed door is the reverse

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

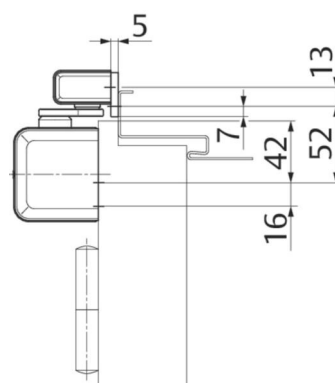
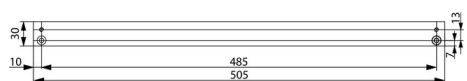
Closer on non-hinge side of door frame. For doors where direct mounting is not possible.

Right handed door shown in diagram

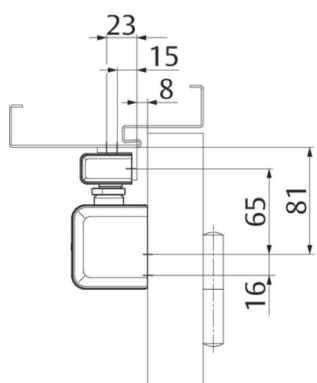
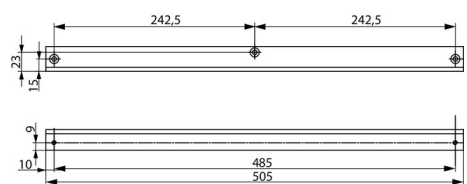
Left handed door is the reverse

Mounting plate A120

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

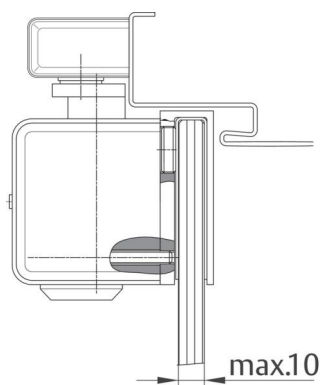
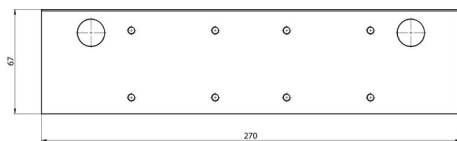
Mounting plate A130

For guide rail G193 and G195

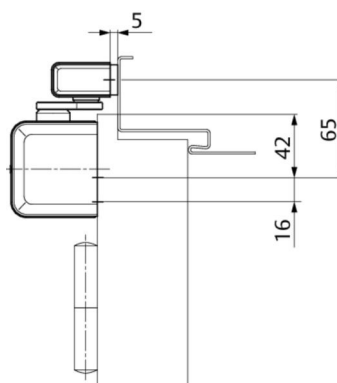
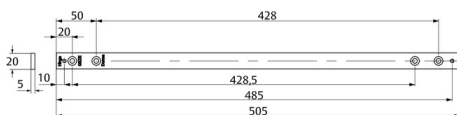
Angle bracket A104

Only for standard guide rail G193

Glass door shoe A166



For mounting the door closer on the all-glass door leaf.



For guide rails G193 and G195 for competitor drilling templates