

DC175

Door closer with Cam-Motion® technology for guide rail



ASSA ABLOY DC175

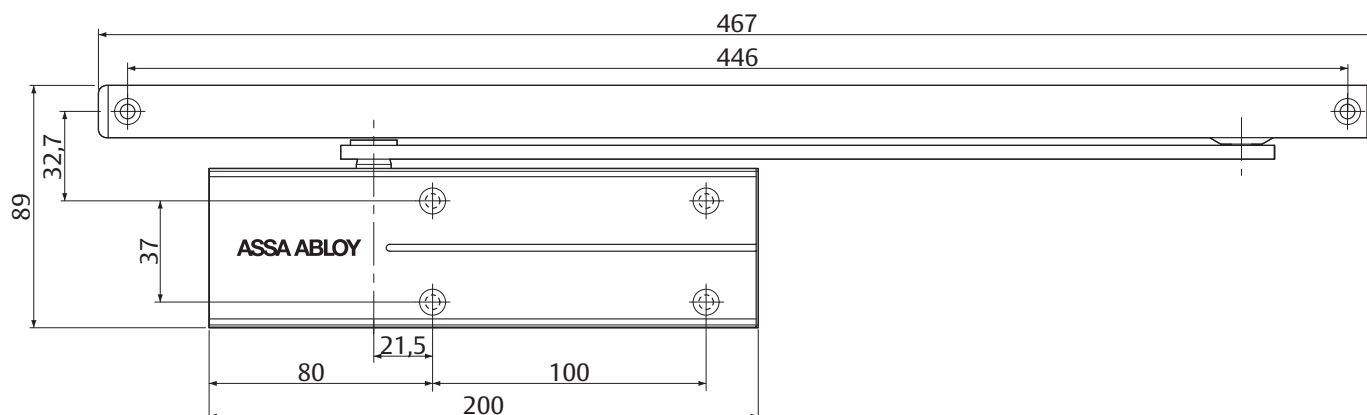
- Door closer with Cam-Motion® technology for guide rail
- Fulfills barrier-free building requirements (EA / CEN TR 15894)
- Certified in compliance with EN 1154, size EN 3/4
- For single action doors up to 1100 mm wide

Characteristics DC175

- Can be used with a mounting plate, suitable for fire and smoke protection doors
- Can be used in four installation types: hinge and non-hinge sides in standard and frame installation
- Can be used for left and right-handed doors
- Closing speed and latching speed continuously adjustable
- Compact design
- Thermodynamic valves for consistent performance
- Opening angle up to 160° (varies with installation positions)
- Standard colours: silver EV1; white, similar to RAL9016; black, similar to RAL9005



CE	ASSA ABLOY Sicherheitstechnik GmbH Bildstockstraße 20 72458 Albstadt	19	3 8 4 1 1 3			
	EN 1154:1996/A1:2002/AC:2006 1121-CPR-AD5474		3 8 4 1 1 3			
Dangerous substances: None						



DC175

Technical attributes

Technical attributes	
Closing force	EN 3/4
Door width up to	1100 mm
Suitable for fire doors	Yes
Handing	Left / right handed
Mounting method	Standard and frame installation
Closing speed	Variable between 120°-15°
Latching speed	Variable between 15°-0°
Max. door opening angle hinge side	Ca. 160°
Max. door opening angle non-hinge side	Ca. 110°
Certified in compliance with	EN 1154
CE marking for building products	Yes
Length	200 mm
Height	58 mm
Depth	32 mm
Weight	2.1 kg

The advantages at a glance

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

Customer segment	Advantages
Project planners	- Modern design - Compact design - Fulfils barrier-free building requirements (EA / CEN TR 15894)
Builders	- 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	- One single product suitable for a large variety of mounting positions - Complementary accessories available
User	- Largely unaffected by temperature fluctuations because of thermodynamic valves - Easier door opening and improved accessibility due to rapidly decreasing torque

Specifications for DC175

ASSA ABLOY Door Closer DC175 with Cam-Motion® technology and guide rail in compliance with EN 1154

- Closing power adjustable, EN size 3/4, for doors up to 1100 mm wide
- Closing speed and latching speed continuously adjustable
- Can be used with concealed mounting plate, suitable for fire and smoke protection doors
- CE approved
- Standard and frame mounting on hinge and non-hinge side of the door
- Suitable for left and right handed doors
- For single doors only

Accessories:

- Mounting plate A280
- Mechanical opening damper A279
- Mechanical hold-open device A278 (not for fire and smoke protection doors)

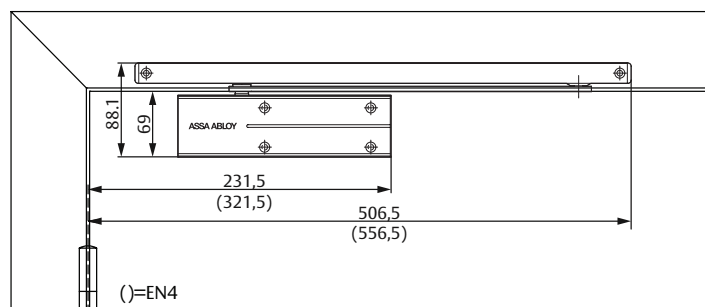
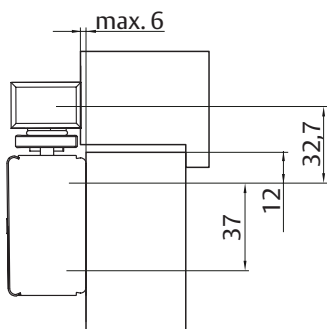
Colour:

- Silver EV1
- White, similar to RAL9016
- Black, similar to RAL9005

You can find the complete specifications on the internet at: www.assaabloy.de under „Service“

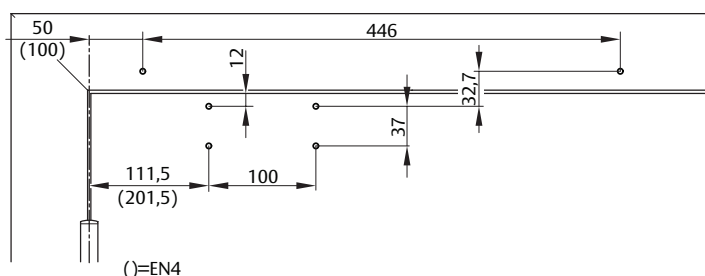
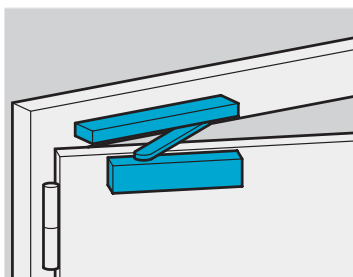
DC175

Dimensional drawings



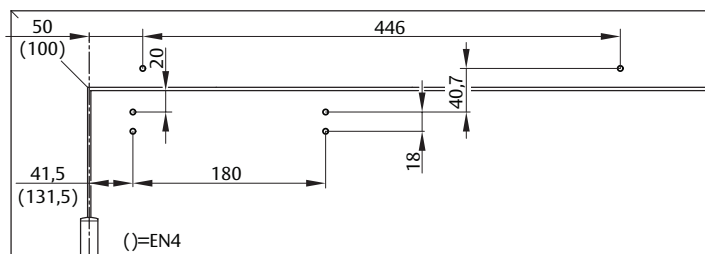
Space required on doors for standard installation on hinge side

Left handed shown in diagram
Right handed is the reverse



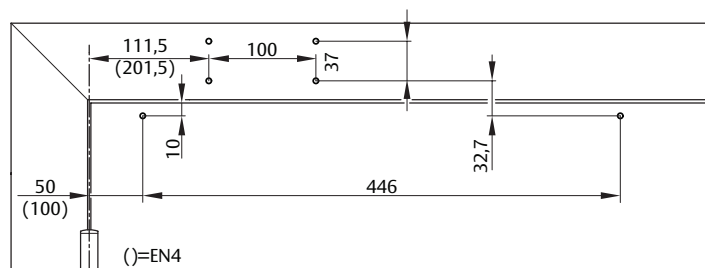
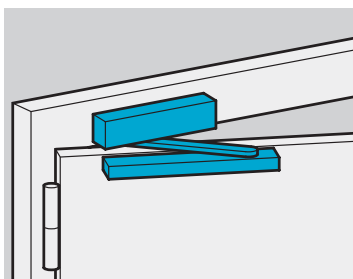
Installation dimensions for direct standard mounting on hinge side

Left handed shown in diagram
Right handed is the reverse



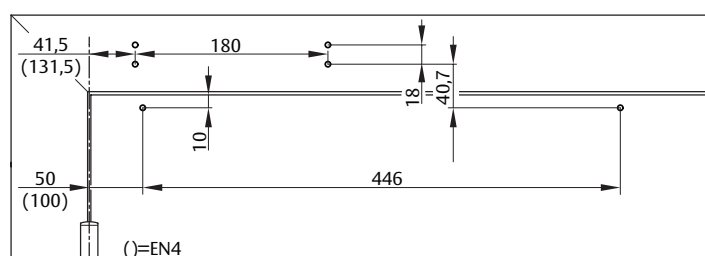
Installation dimensions with mounting plate for standard mounting on hinge side

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

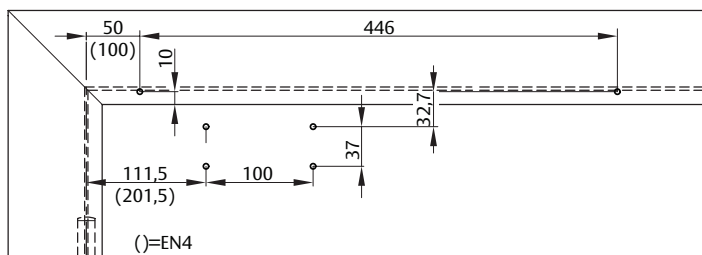
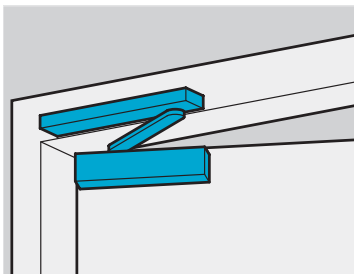
Closer on hinge side of door frame.
Left handed shown in diagram
Right handed is the reverse



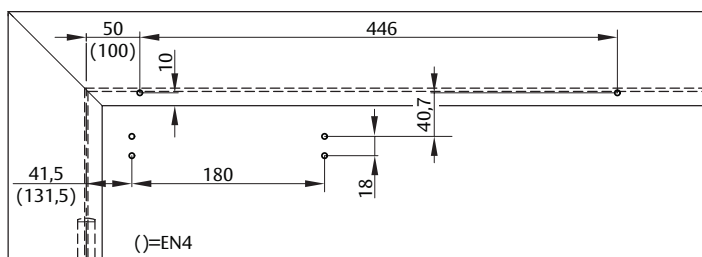
Installation dimensions with mounting plate for frame mounting on hinge side

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

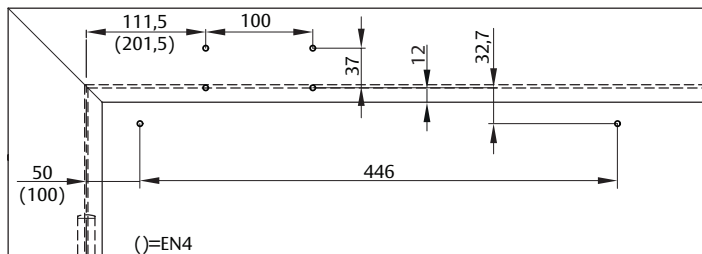
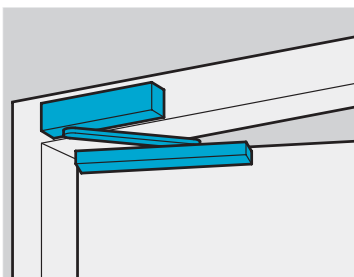
Dimensional drawings and accessories



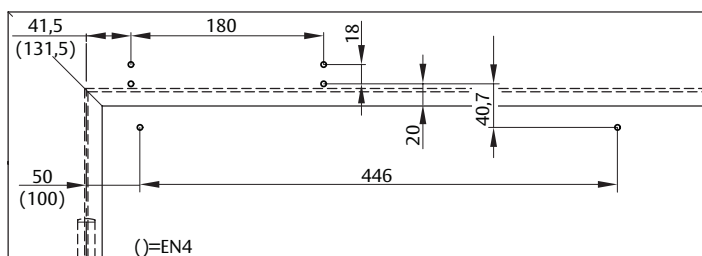
Installation dimensions for direct standard mounting non hinge side
 Right handed door shown in diagram
 Left handed door is the reverse



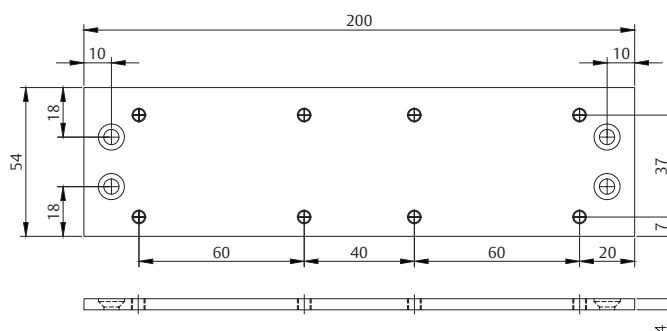
Installation dimensions with mounting plate for standard mounting non hinge side
 For doors where direct mounting is not possible
 Right handed door shown in diagram
 Left handed door is the reverse



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 A280
 For DC body
 Mounting plate to allow installation with alternative drilling footpring (see drawings)

DC175

Accessories and order placement information

Hold-open device A278

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

Simple fitting into DC175 guide rail.

Hold-open angle max. 110°.

Adjustable hold-open force.

Not approved for use on fire and smoke protection doors.



Opening damper A279

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. 110°.

Does not replace a door stop.



Article / Feature	Order no.
DC175, EN3/4, silver EV1	DC175-----EV1-
DC175, EN3/4, white similar to RAL9016	DC175-----9016
DC175, EN3/4, black similar to RAL9005	DC175-----9005
Mounting plate A280, silver EV1	DCA280-----EV1-
Mounting plate A280, white similar to RAL9016	DCA280-----9016
Mounting plate A280, black similar to RAL9005	DCA280-----9005
Hold-open device A278	DCA278-----
Opening damper A279	DCA279-----