

## DC200

## Rack and pinion door closer with link arm



## ASSA ABLOY DC200

- Certified in compliance with EN 1154, size 2-4
- Suitable for fire and smoke protection doors
- For single action doors up to 1100 mm wide


## Characteristics for DC200

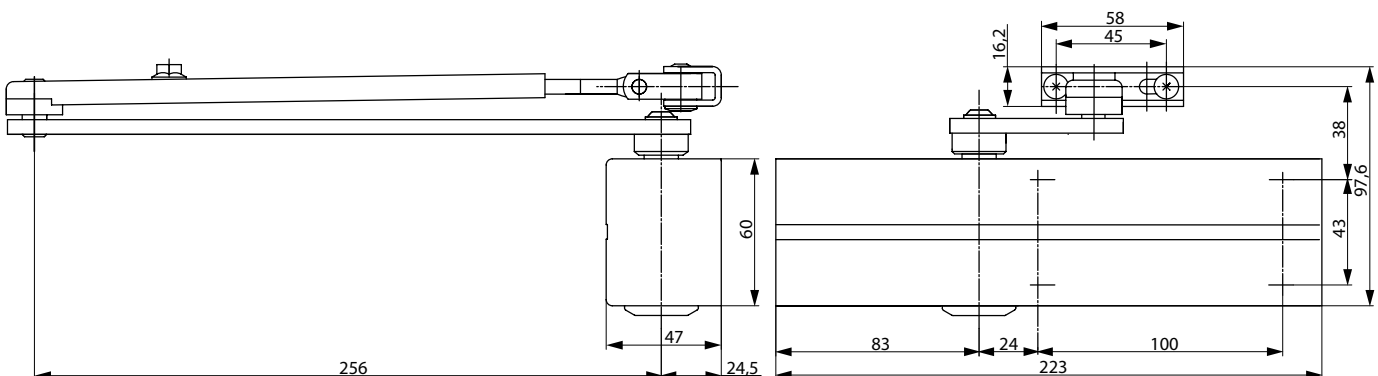
- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- Can be used for left and right-handed doors
- Axis height-adjustable up to 14 mm
- Closing speed, latching speed and backcheck adjustable via front facing regulating valves
- Thermodynamic valves for consistent performance
- Variable adjustable closing force
- Opening angle up to 180°
- 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
- Customised finishes available on request

## Characteristics for hold open link arm L191

- Hold-open angle adjustable up to 150°
- Hold-open mode can be enabled and disabled as required
- Same installation as link arm
- Cannot be used with fire and smoke protection doors



	ASSA ABLOY Sicherheitstechnik GmbH Bildstockstraße 20 72458 Albstadt					10		
	1162-CPD-0484	EN 1154:1996+A1:2002	4	8	$\frac{4}{2}$	1	1	4
Dangerous substances: None								



# DC200

## Technical attributes

Technical attributes	
Variable adjustable closing force	EN 2-4
Door width up to	1100 mm
Fire and smoke protection	Yes
DIN door swing directions	Left / right handed
Closing speed	Variable between 180°-15°
Latching speed	Variable between 15°-0°
Backcheck	Variable above 75°
Hold-open mode (with hold-open link arm L191)	Adjustable 75°-150°, can be enabled and disabled
Weight	1.6 kg
Height	60 mm
Depth	47 mm
Length	223 mm
Certified in compliance with	EN 1154
CE marking for building products	Yes

### 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	<ul style="list-style-type: none"> <li>- Extensive range of uses: Fire and smoke protection doors as well as standard doors</li> <li>- Modern design</li> <li>- Compact design</li> <li>- Fulfils barrier-free building requirements</li> <li>- Same dimensions and design with and without mounting plate</li> </ul>
Builders	<ul style="list-style-type: none"> <li>- One drilling template overall</li> <li>- Adjustable to nearly all door and frame types</li> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> <li>- Suitable for left and right handed doors, in both door and frame mounted applications</li> </ul>
Trade	<ul style="list-style-type: none"> <li>- Reduced inventory costs due to modular product range</li> <li>- One single product suitable for a large variety of mounting positions</li> <li>- Complementary accessories available for the whole product range</li> </ul>
User	<ul style="list-style-type: none"> <li>- Largely unaffected by temperature fluctuations thanks to thermodynamic valves</li> <li>- Easier door opening and improved accessibility due to rapidly decreasing torque</li> <li>- Backcheck feature offers optimum protection for doors and walls</li> </ul>

### Specifications for DC200

ASSA ABLOY Door Closer DC200 featuring rack and pinion technology in compliance with EN 1154

- Closing power variable adjustable, EN size 2-4, for doors up to 1100 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
- Suitable for left and right handed doors

#### Accessories:

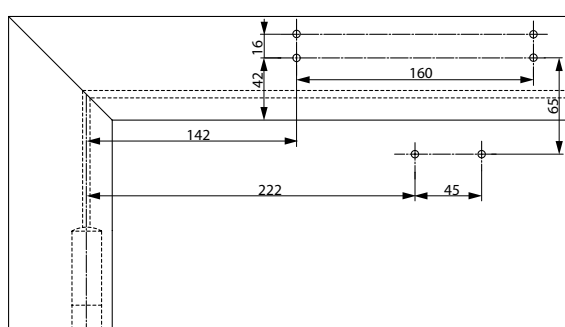
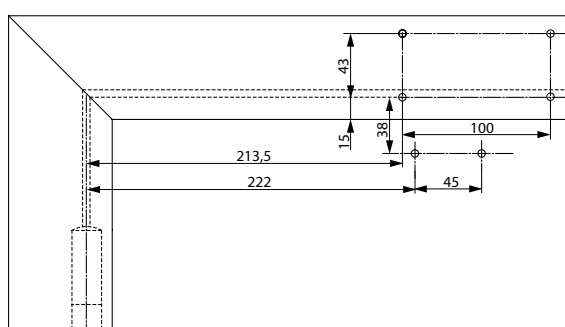
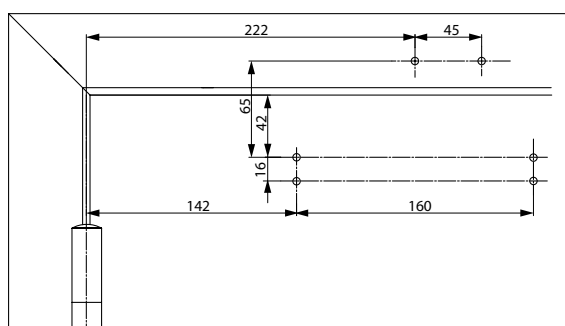
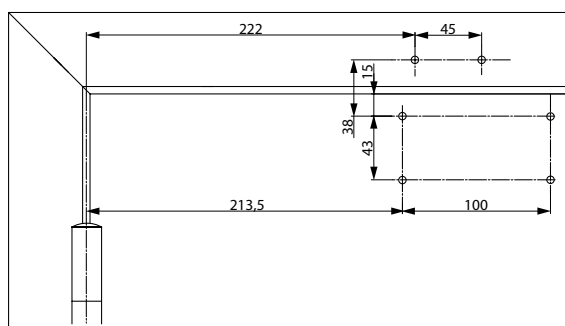
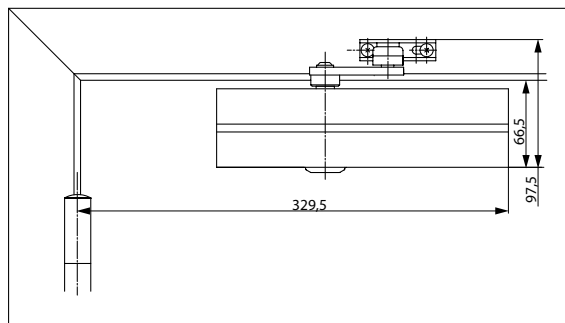
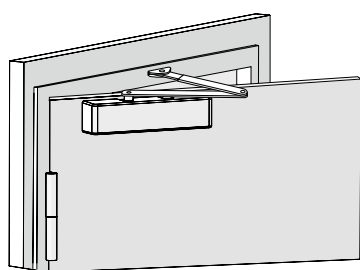
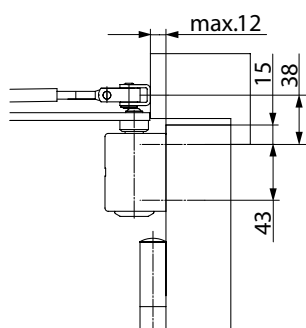
- ☐ Link arm L190
- ☐ Hold-open link arm L191
- ☐ Mounting plate A120
- ☐ Angle bracket A122
- ☐ Parallel arm bracket for parallel arm mounting A154
- ☐ Glass door shoe A164
- ☐ Full stainless steel cover A172

#### Colour:

- ☐ Silver EV1
- ☐ White, similar to RAL9016
- ☐ Brown, similar to RAL8014
- ☐ Black, similar to RAL9005
- ☐ Customised finish

You can find the complete specifications on the Internet at: (Link of your companies homepage)

## Dimensional drawings



## Required space on doors

Left handed shown in diagram

Right handed is the reverse

## Installation dimensions for direct mounting

Left handed shown in diagram

Right handed is the reverse

## Installation dimensions with mounting plate

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

## Frame mounting

Closer on non-hinge side of door frame

Right handed door shown in diagram

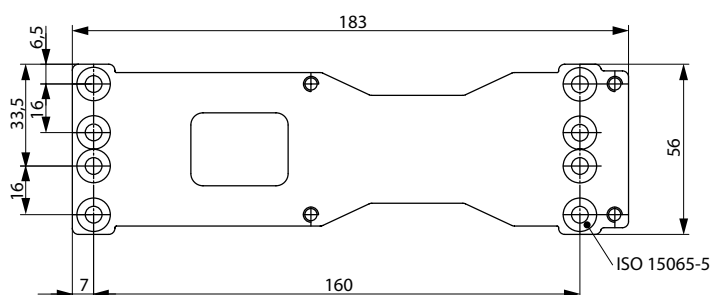
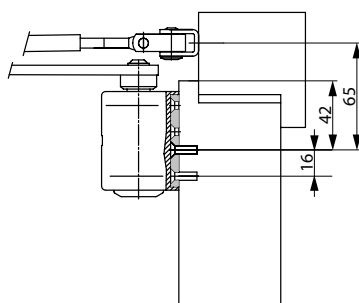
Left handed door is the reverse

## Installation dimensions with mounting plate for frame mounting

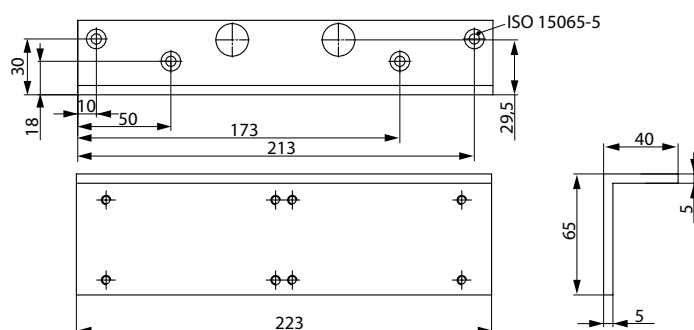
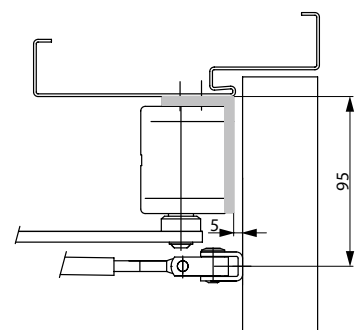
Closer on non-hinge side of door frame. For doors where direct mounting is not possible.

Right handed door shown in diagram

Left handed door is the reverse

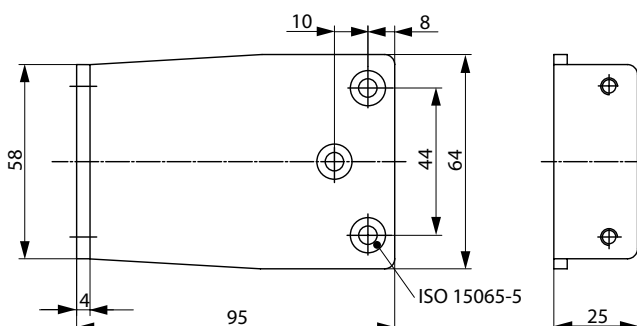
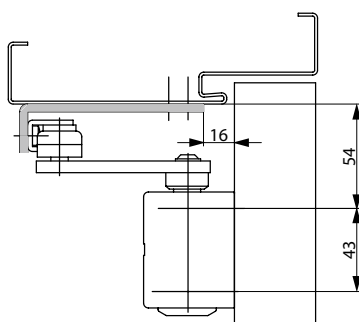
**Mounting plate A120**

For mounting with drilling template acc. to EN 1154 Supplement 1 (fire and smoke protection doors) and for universal use

**Angle bracket A122**

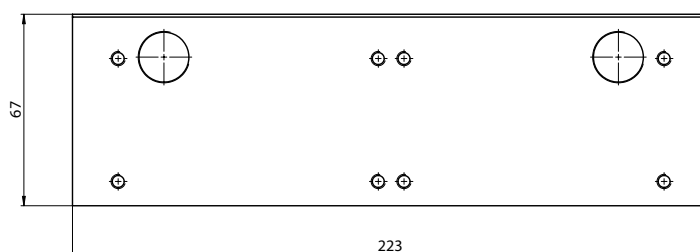
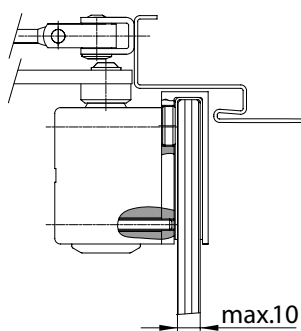
For frame mounting in case of deep jamb, headroom reduced by 70 mm.

Check suitability for use on fire and smoke protection doors.

**Parallel arm bracket A154**

For Parallel Arm installation.

Check suitability for use on fire and smoke protection doors.

**Glass door shoe A164**

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

## Order placement information

Description	Order no.
DC200, EN size 2-4, silver EV1	
DC200, EN size 2-4, white, similar to RAL9016	
DC200, EN size 2-4, brown, similar to RAL8014	
DC200, EN size 2-4, black, similar to RAL9005	
DC200, EN size 2-4, customised finish	
Link arm L190, silver EV1	
Link arm L190, white, similar to RAL9016	
Link arm L190, brown, similar to RAL8014	
Link arm L190, black, similar to RAL9005	
Link arm L190, stainless steel	
Link arm L190, customised finish	
Hold-open link arm L191, silver EV1	
Hold-open link arm L191, white, similar to RAL9016	
Hold-open link arm L191, brown, similar to RAL8014	
Hold-open link arm L191, black, similar to RAL9005	
Hold-open link arm L191, customised finish	

Description	Order no.
Mounting plate A120, galvanised	
Angle bracket A122, silver EV1	
Angle bracket A122, white, similar to RAL9016	
Angle bracket A122, brown, similar to RAL8014	
Angle bracket A122, black, similar to RAL9005	
Angle bracket A122, customised finish	
Parallel arm bracket A154, silver EV1	
Parallel arm bracket A154, white, similar to RAL9016	
Parallel arm bracket A154, brown, similar to RAL8014	
Parallel arm bracket A154, black, similar to RAL9005	
Parallel arm bracket A154, stainless steel	
Parallel arm bracket A154, customised finish	
Glass door shoe A164, silver EV1	
Mounting Plate A168, silver EV1	
Full stainless steel cover A172	