

Door Closer



ASSA ABLOY

Experience a safer
and more open world



The ASSA ABLOY Group

The global leader in access solutions

ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a safer and more open world. ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, door and window hardware, mechanical and smart locks, electromechanical locks, access control solutions and service.

With over 150 companies operating in more than 70 countries, the Group is the strongest global player in the industry with over 61,000 employees and more than SEK 141 billion sales worldwide.

Today, ASSA ABLOY is the leading global supplier of intelligent lock and security solutions. Its products account for more than one in ten of all lock installations worldwide.

ASSA ABLOY Group is represented in all major regions, on both mature and emerging markets, with leading positions in many markets all over the world.

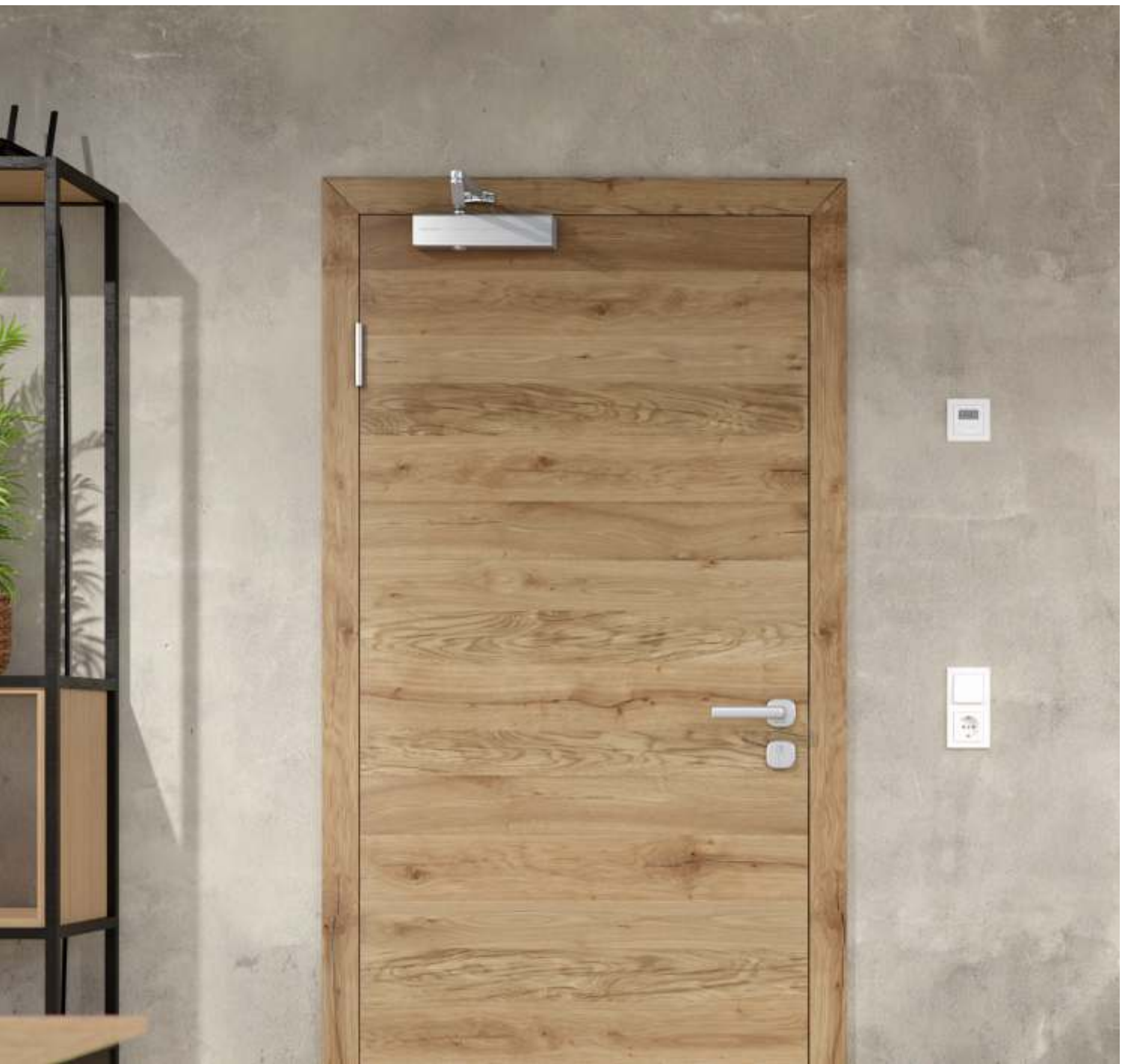
In the rapidly growing electromechanical security sector, the Group has a leading position in fields such as access control, identification technology, automatic doors and hotel security.

ASSA ABLOY's vision is to be the most innovative supplier of total door opening solutions in order to deliver safe and convenient security solutions that provide real added value to customers.

Using the latest 'technologies together with tried and tested' techniques, we are constantly developing innovative solutions that improve our customers' lives through greater security, safety and convenience.

ASSA ABLOY has been producing an annual sustainability report based on GRI (Global Reporting Initiative) guidelines since 2005. We are leading the way, with more than 250 environmental product declarations across the Group since 2008.

Sustainability is integrated in all Group processes: innovation, product development, manufacturing, logistics and sales.



Surface mounted Door Closer

An overhead door closer is a mechanical device used to automatically close a door after it has been opened. It is typically installed at the top of a door and mounted to the frame or the door itself. These closers are commonly found in commercial buildings, schools, offices, and other public places where controlled closing of doors is desired for safety, security, or energy efficiency reasons.

Door Closer

Feature & Benefits

Door Closer

Key features:

- Non-handed system
- Fire rated options

Benefits:

- Versatile usage
- High durability

Standard & Certification

EN1154
EN 1155
CE marked
UL listed

Technical details:

- Adjustable power sizes
- Suitable for wood, glass, metal and fire rated door
- Available finishes - Silver, customized finishes available on request
- Additional accessories: Smoke detector, fire alarm, fire indication
- All ASSA ABLOY door closer come with optional parallel arm

Closer Selection Chart:

Door width (mm)	Max door weight (kg)	Closer size
<750	20kg	1
850	40kg	2
950	60kg	3
1100	80kg	4
1250	100kg	5
1400	120kg	6
1600	160kg	7

All dimensions are in mm



Door Closer

Cam-motion® For optimum convenience in opening doors

Cam-motion for optimum convenience in opening doors

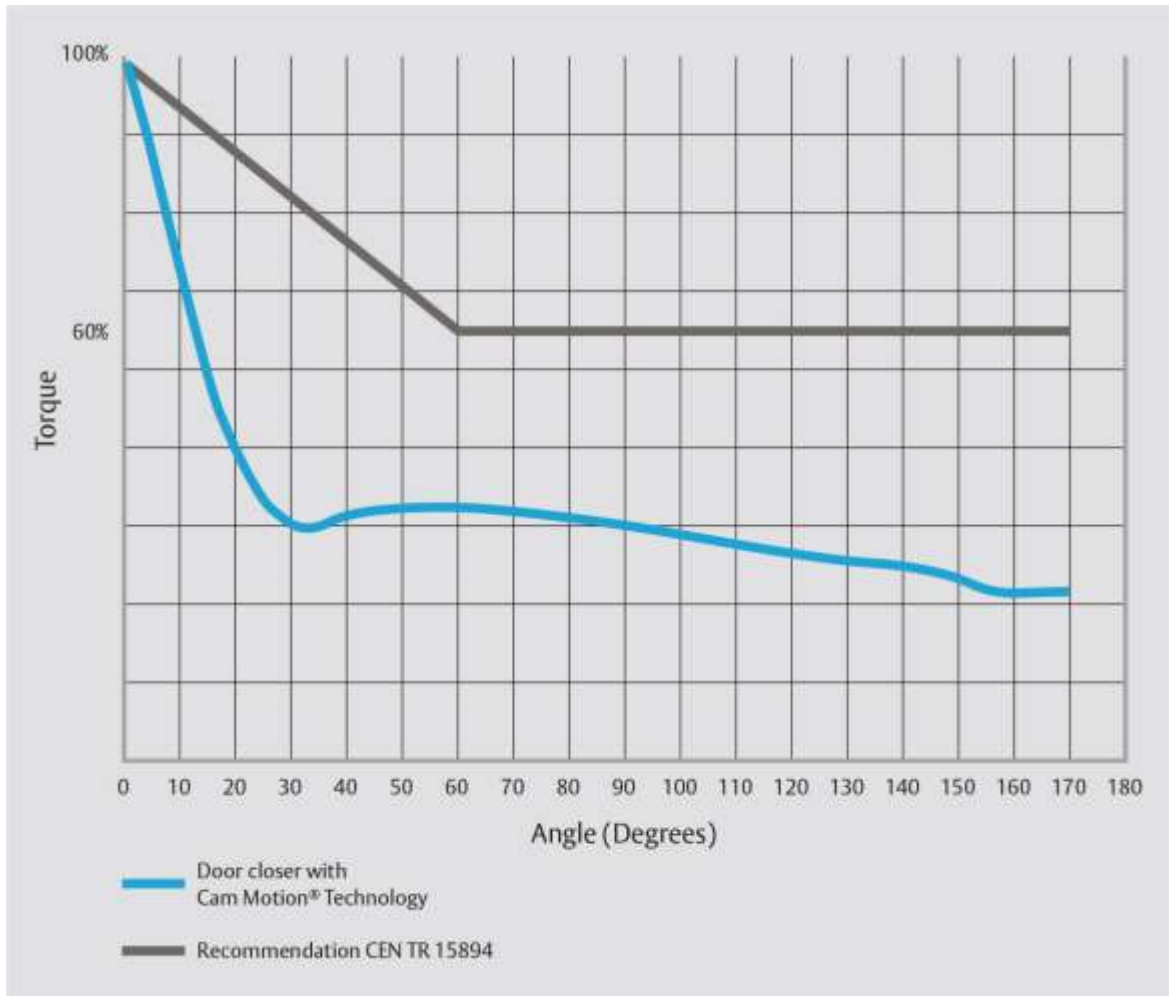
Cam-motion® Technology

ASSA ABLOY Cam-motion® technology enables guide rail door closer to comply with CEN/TR 15894 requirements.

Safe in an emergency

You'll be on the safe side with ASSA ABLOY since our door closer meet national and international previous and regulations. Smoke protection and fire door may only be fitted with door closer systems complying with EN 1154/EN 1155 / EN 1158. ASSA ABLOY supplies approved door closer systems for single and double leaf smoke and fire door with different usage requirements.

Rapidly decreasing torque in a Cam Motion® Door closer from ASSA ABLOY



Door Closer

Use state-of-the-art technology

Door Closer - Overview of functions										
Models	Type	Technology	Sizes	Max. door width (mm)	Closing speed	Latching speed	Back-check	Delayed action	Fire doors (CE/UL)	Dimension L x D x H (mm)
DC105U	Surface Mounted	R&P	EN 2/3/4	850-1100	Variable between 180°-15°	Variable between 15°-0°	-	-	-	182 x 62.5 x 39.5
DC110	Surface Mounted	R&P	EN 2/3/4	850-1100	Variable between 180°-15°	Variable between 15°-0°	-	-	-	182 x 60 x 41
DC120	Surface Mounted	R&P	EN 2/3/4	850-1100	Variable between 180°-15°	Variable between 15°-0°	-	-	-	220 x 47 x 52
DC140	Surface Mounted	R&P	EN 2/3/4/5	850-1250	Variable between 180°-15°	Variable between 15°-0°	Variable above 75°	-	CE	206 x 43 x 55
DC 175	Surface Mounted	Cam-motion	EN 3/4	950-1100	Variable between 120°-15°	Variable between 15°-0°	-	-	CE	200 x 32 x 58
DC 200	Surface Mounted	R&P	EN2-4	850-1100	Variable between 180°-15°	Variable between 15°-0°	Variable above 75°	-	CE	223 x 47 x 60
DC280 SRHO	Surface Mounted	R&P	EN2-5	850 -1250	Variable between 180°-15°	Variable between 15°-0°	-	-	-	236 x 38.5 x 60
DC300	Surface Mounted	R&P	EN3-6	950-1400	Variable between 180°-15°	Variable between 15°-0°	Variable above 75°	-	CE	260 x 47 x 60
DC300 Tandem	Surface Mounted	R&P	EN >7	1800	Variable between 180°-15°	Variable between 15°-0°	Variable above 75°	-	CE	260 x 55 x 125
DC 340	Surface Mounted	R&P	EN 1-4 EN 2-6	750-1100 850-1400	Variable between 180°-15°	Variable between 15°-0°	Variable above 75°	Variable 120°-70°	CE	308 x 63 x 69
K 600	Surface Mounted	R&P	EN 1-6	750-1400	Variable between 180°-15°	Variable between 15°-0°	-	-	UL	260 x 55 x 125
K 900	Surface Mounted	R&P	EN 1-6	750-1400	Variable between 180°-15°	Variable between 15°-0°	Variable above 70°	-	UL	301 x 50 x 60
K 990	Surface Mounted	R&P	BF-6	1400	Variable between 180°-15°	Variable between 15°-0°	Variable above 70°	-	UL	325 x 52 x 46
DC500	Surface Mounted	Cam-motion	EN1-4	750 -1100	Variable between 170°-15°	Variable between 15°-0°	Variable above 75°	-	CE	270 x 57 x 64
DC700	Surface Mounted	Cam-motion	EN3-6	950 -1400	Variable between 170°-15°	Variable between 15°-0°	Variable above 75°	O	CE	272 x 58 x 64
DC700 with G460	Surface Mounted	Cam-motion	EN3-6	950 -1400	Variable between 170°-15°	Variable between 15°-0°	-	O	CE	L x 34 x 31

Door Closer

Use state-of-the-art technology

Door Closer - Overview of functions										
Models	Type	Technology	Sizes	Max. door width (mm)	Closing speed	Latching speed	Back-check	Delayed action	Fire doors (CE/UL)	Dimension L x D x H (mm)
DC700 with G461	Surface Mounted	Cam-motion	EN3-6	1350 -2800	Variable between 180°-15°	Variable between 15°-0°	-	O	CE	L x 34 x 31
DC700 with G462/ G464	Surface Mounted	Cam-motion	EN 1-4	850-1100	Variable between 120°-07°	Variable between 7°-0°	-	-	UL	278 x 32 x 45

L - Depends on hinge distance
O- Optional Delay action

Door Closer

DC 105U

DC 105U

Technical details:

- Rack and pinion door closer with link arm
- Available with standard link arm, hold-open link arm and parallel arm
- For single action doors up to 1100mm wide
- Certified in compliance with UL 228/ULC-S133, UL 10C
- Suitable for fire and smoke protection doors - 3 hours fire rating



Characteristics of DC105U:

- Can be used for left and right-handed doors
- Closing and latching speed adjustable via regulating valves
- Thermodynamic valves for consistent performance
- Standard colours:

- Silver EV1
- White (similar to RAL 9016)
- Black (similar to RAL 9005)
- Brown (similar to RAL 8014)

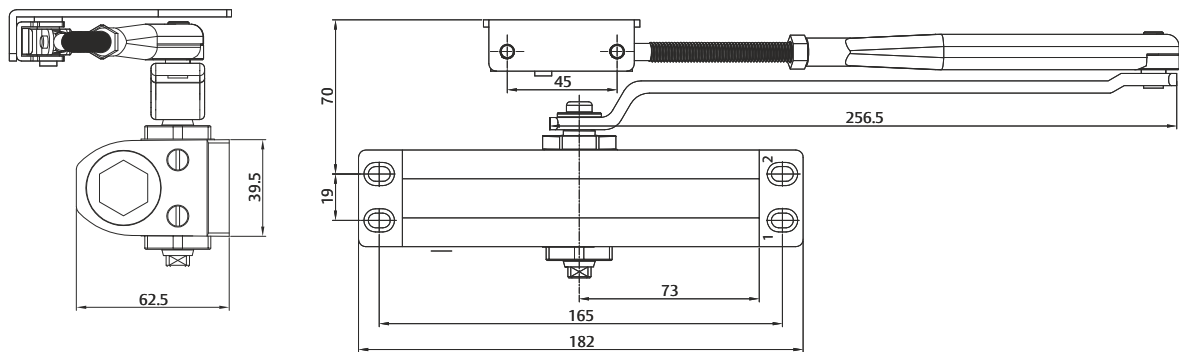


Technical details for DC 105U

Door width upto	1100mm
closing force	EN 2/3/4
Suitable for fire doors	Yes, 3 Hours fire rating
Handing	Left/right handed
Closing speed	Cariable between 180° - 15°
latching speed	Variable between 15° - 0°
Weight	1.5 Kg
Height	39.5 mm
Depth	62.5 mm
Length	182mm
Certified in compliance with	UL 228/ULC-S133, UL 10C

Door Closer

DC 105U



Specification for DC 105U

Specification for DC 105U:

- ASSA ABLOY Door closer DC105U featuring rack and pinion technology
- Closing force size 2,3 and 4 for doors up to 1100mm wide
 - Closing speed and latching speed continuously adjustable
 - Suitable for left and right handed doors
 - Suitable for fire and smoke protection door (3 hours fire rating)
 - Certified according to UL 228/ULC-S133, UL 10C

Version

- ☐ Hold-open link arm version DC105U-1 (not for fire rated doors)
- ☐ Parallel arm version DC105U-3

Colours

- ☐ Silver Ev1
- ☐ White, similar to RAL 9016
- ☐ Black, similar to RAL 9005
- ☐ Brown, similar to RAL 8014

Our service for you:

Here you can see the individual advantages of our door closer models for your respective fields fo business

The advantage at a glance:

Customer segment	Advantages
Project planners	Compact design Favorable prices, reliable closer model
Builders	Quick and easy installation Suitable for left and right-handed doors Easy to adjust
Trade	Inexpensive closer model for standard doors All inclusive package with door closer and link arm
User	Largely unaffected by temperature fluctuations due to thermodynamic valves

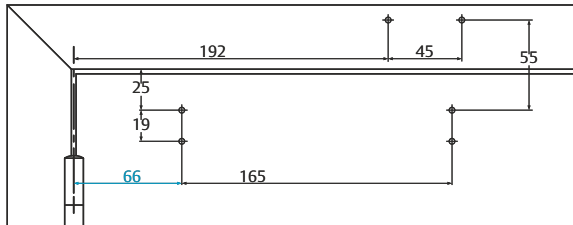
Door Closer

Accessories and order placement information

Dimensional drawing and order placement information

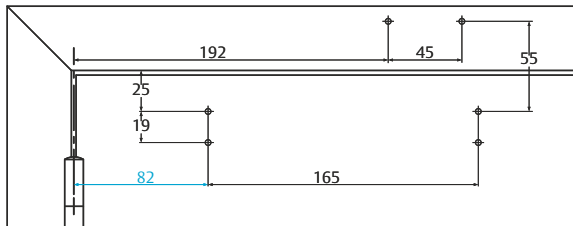
Installation dimension for link arm application size 2

Left handed show in diagram
Right handed is the reverse



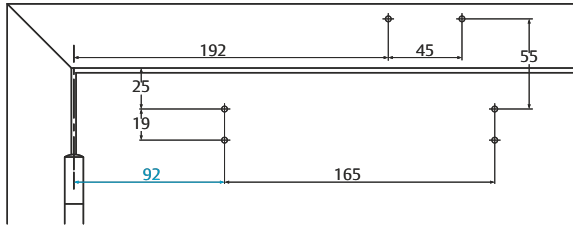
Installation dimension for link arm application size 3

Left handed show in diagram
Right handed is the reverse



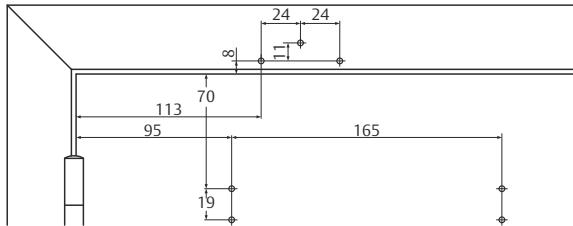
Installation dimension for link arm application size 4

Left handed show in diagram
Right handed is the reverse



Installation dimension for parallel arm application size 3

Left handed show in diagram
Right handed is the reverse



DC 105ULink arm , Szie 2/3/4, Silver Ev1	DC 105 U ----- EV 1
DC 105U Link arm Size 2/3/4, White (similar to Ral 9016)	DC 105 U ----- 9016
DC 105U Link arm Size 2/3/4, Black (similar to Ral 9005)	DC 105 U ----- 9005
DC 105U Link arm Size 2/3/4 Brown (similar to RAL 8014)	DC 105 U ----- 8014
DC105U-1 Hold-open link arm, size 2/3/4, Silver Ev1	DC 105 U - 1 ----- EV 1
DC105U-1 Hold-open link arm, size 2/3/4, White (similar to RAL 9016)	DC 105 U - 1 ----- 9016
DC105U-1 Hold-open link arm, size 2/3/4, Black (similar to RAL 9005)	DC 105 U - 1 ----- 9005
DC105U-3 Parallel arm, size 3, Silver Ev1	DC 105 U- 3 ----- EV 1
DC105U-3 Parallel arm, size 3, White (similar to RAL 9016)	DC 105 U- 3 ----- 9016
DC105U-3 Parallel arm, size 3, Black (similar to RAL 9005)	DC 105 U- 3 ----- 9005

Door Closer

DC 110

DC 110

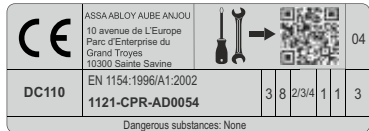
Technical details:

- Rack and pinion door closer with link arm
- Certified in compliance with EN 1154, Size 2/3/4
- For single action door up to 1100mm



Characteristics of DC110:

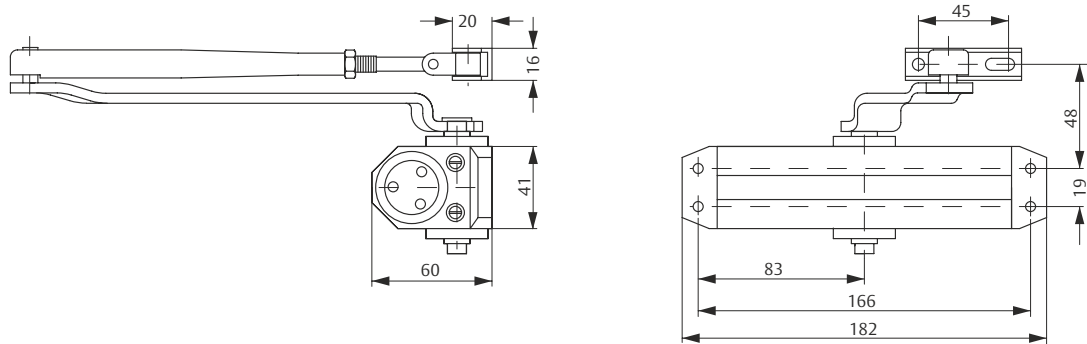
- Can be used for left and right-handed doors
- Suitable for fire and smoke protection doors
- Closing and latching speed adjustable via regulating valves
- Thermodynamic valves for consistent performance
- Standard colours: silver EV1; white, similar to RAL9016; black, similar to RAL9005



Technical details for DC 110

Door width upto	1100mm
closing force	EN 2/3/4
Suitable for fire doors	Yes
Handing	Left/right handed
Closing speed	Variable between 180° - 15°, EN 4 = 150° - 15°
latching speed	Variable between 15° - 0°
Weight	1.5 Kg
Height	41 mm
Depth	60 mm
Length	182mm
Certified in compliance with	EN 1154
CE making for building products	Yes

Door Closer
DC 110



Specification for DC 110:

- ASSA ABLOY Door closer DC110 featuring rack and pinion technology in compliance with EN1154
- Closing force size EN 2/3/4 for doors up to 1100mm
 - Closing speed and latching speed continuously adjustable
 - Suitable for left and right handed doors
 - Suitable for fire and smoke protection door
 - CE approved

Version

- ☐ Link arm L141
(Can-not be used with fire and smoke protection doors)
- ☐ Parallel arm bracket A154

Colours

- ☐ Silver Ev1
- ☐ White, similar to RAL 9016
- ☐ Black, similar to RAL 9005

The advantage at a glance:

Customer segment	Advantages
Project planners	Compact design Favorable prices, reliable closer model
Builders	Quick and easy installation Suitable for left and right-handed doors Easy to adjust
Trade	Inexpensive closer model for standard doors All inclusive package with door closer and link arm
User	Largely unaffected by temperature fluctuations due to thermodynamic valves

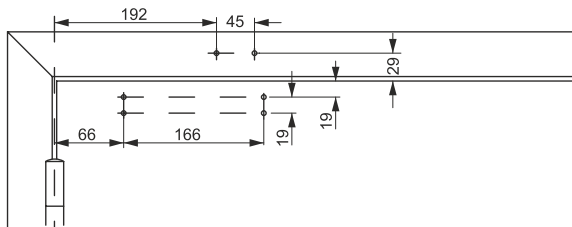
Our service for you:
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Door Closer
Accessories and order placement information

Dimensional drawing and order placement information

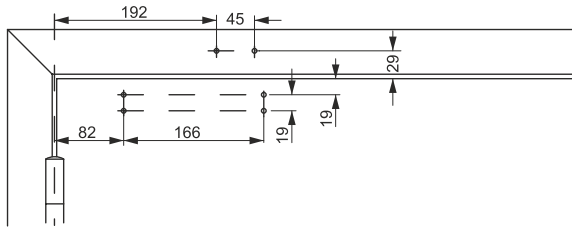
Installation dimension size EN 2

Left handed show in diagram
Right handed is the reverse



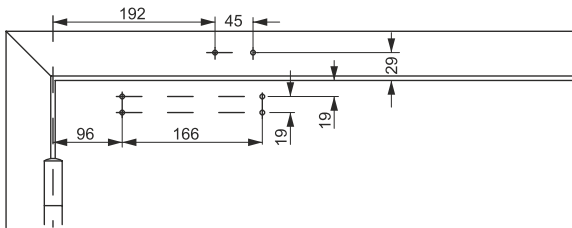
Installation dimension EN 3

Left handed show in diagram
Right handed is the reverse



Installation dimension EN 4

Left handed show in diagram
Right handed is the reverse



DC 110 EN , Size 2/3/4, Silver Ev1	DC 110 ----- EV 1
DC 110U EN Size 2/3/4, White (similar to Ral 9016)	DC 110 ----- 9016
DC 110 EN Size 2/3/4, Black (similar to Ral 9005)	DC 110 ----- 9005
Hold-open link arm L141, Silver Ev1 (Cannot be used with fire and smoke protection doors)	DCL141 ----- Ev1-
Hold-open link arm L141, white, similar to RAL9016 (Cannot be used with fire and smoke protection doors)	DCL141 ----- 9016
Hold-open link arm L141, black, similar to RAL9016 (Cannot be used with fire and smoke protection doors)	DCL141 ----- 9005
Parallel arm bracket A154, silver Ev1	DCL154 ----- Ev1-
Parallel arm bracket A154, white, similar to RAL9016	DCL154 ----- 9016
Parallel arm bracket A154, black, similar to RAL9016	DCL154 ----- 9005

Door Closer DC 120

DC 120

Technical details:

- Rack and pinion door closer with link arm
- In compliance with EN 1154, Size 2/3/4
- For single action door up to 1100mm



Characteristics of DC120:

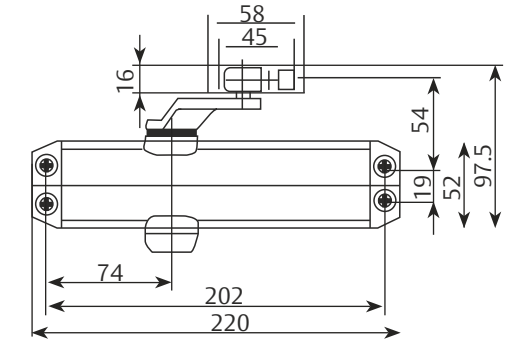
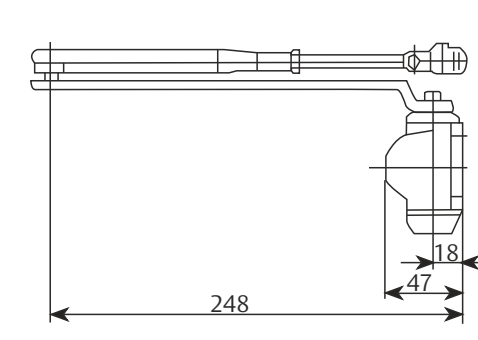
- Can be used for left and right-handed doors
- Suitable for fire and smoke protection doors
- Closing speed, latching speed and back-check continuously adjustable using regulating valves
- Thermodynamic valves for consistent performance
- Closing force configurable
- Opening angle up to 180°
(105° in mounting position size EN4)
- Standard colour: Silver

Technical details for DC 120

Closing force	EN 2/3/4
Door width upto	1100mm
Fire and smoke protection	Yes
Door swing directions	Left/right handed
Closing speed	Variable between 180° - 15°,
latching speed	Variable between 15° - 0°
Back-check	Variable above 75°
Weight	1.6 Kg
Height	52 mm
Depth	47 mm
Length	220mm
In compliance with	EN 1154
CE making for building products	Yes

All dimensions are in mm

Door Closer DC 120



Specification for
DC 120

Specification for DC 120:

ASSA ABLOY Door closer DC120 featuring rack and pinion technology in compliance with EN1154

- Closing force configurable, size EN 2/3/4 for doors up to 1100mm wide
- Closing speed and latching speed continuously adjustable
- Suitable for left and right handed doors
- Suitable for fire and smoke protection door
- CE approved

Colours

- ☐ Silver Ev1
- ☐ White, similar to RAL 9016
- ☐ Black, similar to RAL 9005

Our service for you:

Here you can see the individual advantages of our door closer models for your respective fields of business

The advantage at a glance:

Customer segment	Advantages
Project planners	Compact design Favorable prices, reliable closer model
Builders	Quick and easy installation Suitable for left and right-handed doors Easy to adjust
Trade	Inexpensive closer model for standard doors All inclusive package with door closer and link arm
User	Largely unaffected by temperature fluctuations due to thermodynamic valves Back-check feature offer optimum protection for door and wall

Door Closer

DC 120

Dimensional drawing and order placement information

Required space on doors:

Left handed shown in diagram,
Right handed is the reverse

Installation dimension EN 2

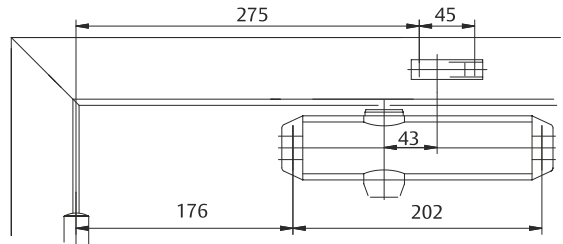
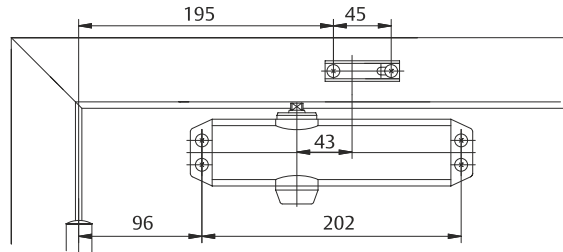
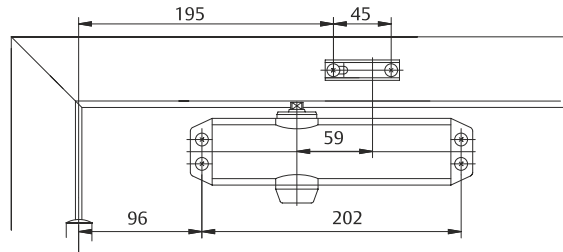
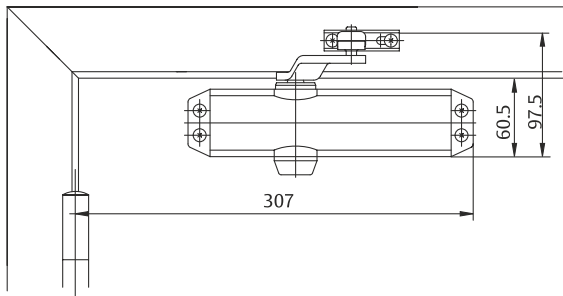
Left handed show in diagram
Right handed is the reverse

Installation dimension EN 3

Left handed show in diagram
Right handed is the reverse

Installation dimension EN 4

Left handed show in diagram
Right handed is the reverse



Door Closer

DC 140

DC 140

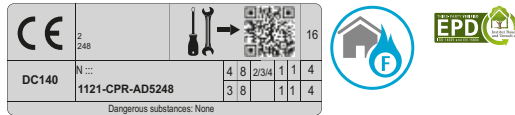
Technical details:

- Rack and pinion door closer with link arm
- Certified in compliance with EN 1154, Size 2/3/4/5
- For single action door up to 1250mm wide



Characteristics of DC140:

- Can be used for left and right-handed doors
- Suitable for fire and smoke protection doors
- Closing speed, latching speed and back-check continuously adjustable using regulating valves
- Thermodynamic valves for consistent performance
- Closing force configurable
- Opening angle up to 180° (EN5 = 125°)
- Standard colour: Silver Ev1; white, smiliar to RAL9016; brown, similar to RAL8014; black, similar to RAL9005

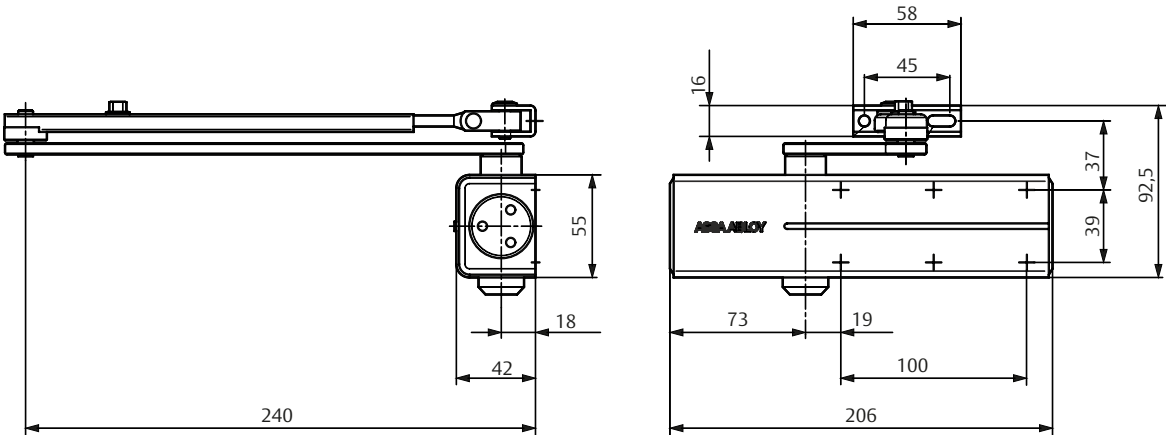


Technical details for DC 140

Closing force	EN 2/3/4/5
Door width upto	1250mm
Fire and smoke protection	Yes
Door swing directions	Left/right handed
Closing speed	Variable between 180° - 15° / EN5 + 125°-15° ,
latching speed	Variable between 15° - 0°
Back-check	Variable above 75°
Weight	1.75 Kg
Height	55 mm
Depth	43 mm
Length	206mm
In compliance with	EN 1154
CE making for building products	Yes

All dimensions are in mm

Door Closer
DC 140



Specification for DC 140:

- ASSA ABLOY Door closer DC140 featuring rack and pinion technology in compliance with EN1154
- Closing force configurable, size EN 2/3/4/5 for doors up to 1250mm wide
 - Closing speed and latching speed and backcheck continuously adjustable
 - Suitable for left and right handed doors
 - Suitable for fire and smoke protection door
 - CE approved

Accessories:

- ☐ Link arm L140
- ☐ Hold-open link arm L141 (not for fire and smoke protection doors)
- ☐ Guide rail G143 (not for fire and smoke protection doors)
- ☐ Parallel arm bracket A154
- ☐ Mounting Plate A161

Colour:

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

The advantage at a glance:

Customer segment	Advantages
Project planners	Compact design Modern design Favorable prices, reliable closer model
Builders	Quick and easy installation Suitable for left and right-handed doors Easy to adjust
Trade	Inexpensive closer model for standard doors All inclusive package with door closer and link arm
User	Largely unaffected by temperature fluctuations due to thermodynamic valves Back-check feature offer optimum protection for door and wall

Specification for
DC 140

Our service for you:
Here you can see the individual advantages of our door closer models for your respective fields fo business

Door Closer
DC 140

Dimensional drawing and order placement information

Required space on doors:

Left handed shown in diagram,
Right handed is the reverse

Installation dimension EN 2

Left handed show in diagram
Right handed is the reverse

Installation dimension EN 3

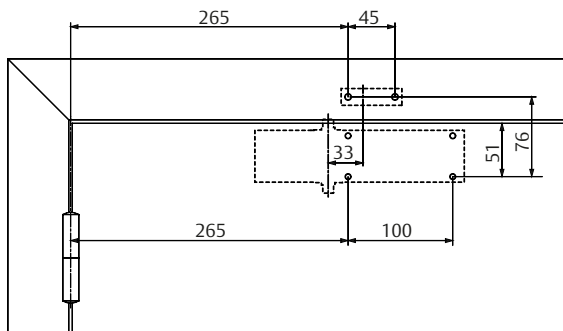
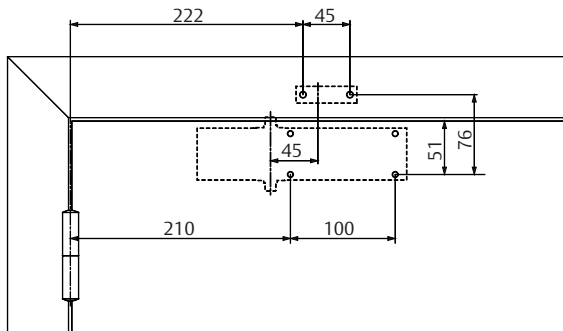
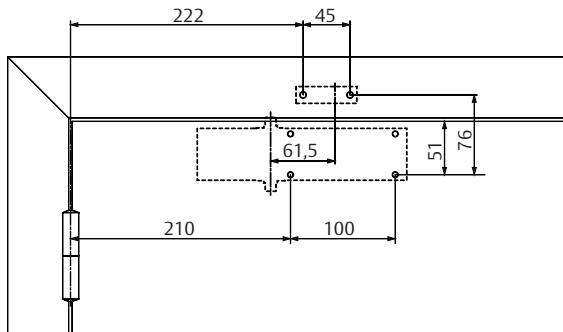
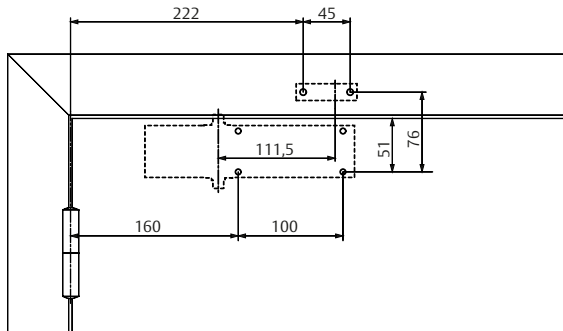
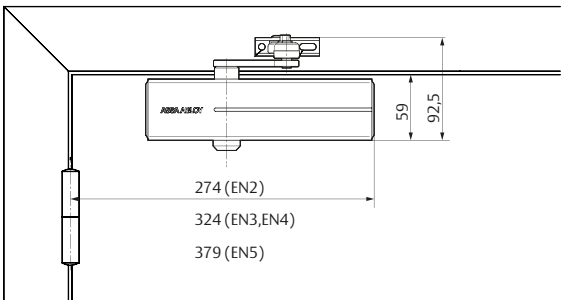
Left handed show in diagram
Right handed is the reverse

Installation dimension EN 4

Left handed show in diagram
Right handed is the reverse

Installation dimension EN 5

Left handed show in diagram
Right handed is the reverse



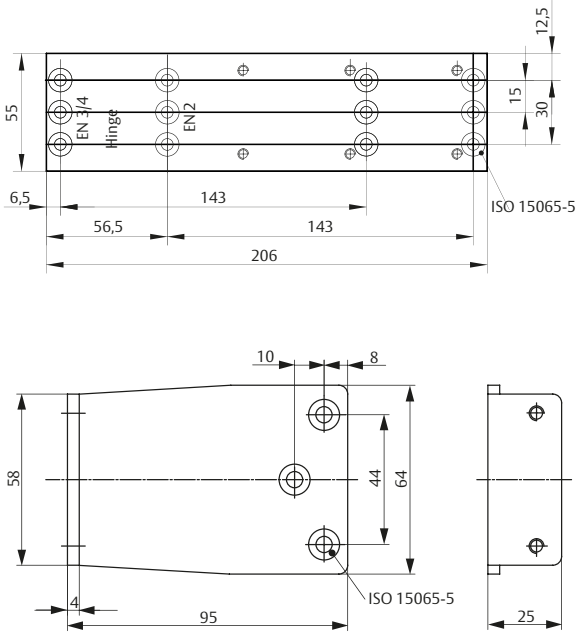
Door Closer

DC 140

Mounting Plate A161

Parallel arm bracket A154

For Parallel Arm installation.
Check suitability for use on fire and smoke protection doors.



Designation / Item	Order no.
DC140 EN size 2/3/4/5, silver EV1	DC140-----DEV1-
DC140 EN size 2/3/4/5, white, similar to RAL9016	DC140-----D9016
DC140 EN size 2/3/4/5, brown, similar to RAL8014	DC140-----D8014
DC140 EN size 2/3/4/5, black, similar to RAL9005	DC140-----D9005
DC140 body EN size 2/3/4/5, silver EV1	DC140-0---DEV1-
DC140 body EN size 2/3/4/5, white, similar to RAL9016	DC140-0---D9016
DC140 body EN size 2/3/4/5, brown, similar to RAL8014	DC140-0---D8014
DC140 body EN size 2/3/4/5, black, similar to RAL9005	DC140-0---D9005
Link arm L140, silver EV1	DCL140-----EV1-
Link arm L140, white, similar to RAL9016	DCL140-----9016
Link arm L140, brown, similar to RAL8014	DCL140-----8014
Link arm L140, black, similar to RAL9005	DCL140-----9005
Hold-open link arm L141, silver EV1 (Cannot be used with fire and smoke protection doors)	DCL141-----EV1-
Hold-open link arm L141, white, similar to RAL9016 (Cannot be used with fire and smoke protection doors)	DCL141-----9016
Hold-open link arm L141, brown, similar to RAL8014 (Cannot be used with fire and smoke protection doors)	DCL141-----8014

Designation / Item	Order no.
Hold-open link arm L141, black, similar to RAL9005 (Cannot be used with fire and smoke protection doors)	DCL141-----9005
Parallel arm bracket A154, silver EV1	DCA154-----EV1-
Parallel arm bracket A154, white, similar to RAL9016	DCA154-----9016
Parallel arm bracket A154, brown, similar to RAL8014	DCA154-----8014
Parallel arm bracket A154, black, similar to RAL9005	DCA154-----9005
Guide rail G143 (not for fire and smoke protection doors), silver EV1	DCG143-----EV1-
Guide rail G143 (not for fire and smoke protection doors), white, similar to RAL9016	DCG143-----9016
Guide rail G143 (not for fire and smoke protection doors), black, similar to RAL9005	DCG143-----9005
Mounting Plate A161, silver EV1	DCA161-----EV1-
Mounting Plate A161, white, similar to RAL9016	DCA161-----9016
Mounting Plate A161, brown, similar to RAL8014	DCA161-----8014
Mounting Plate A161, black, similar to RAL9005	DCA161-----9005
Mounting plate A168, for link arm, silver EV1	DCA168-----EV1-

Door Closer

DC 175

DC 175 Cam-motion

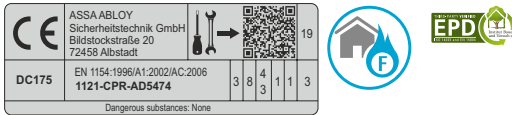
Technical details:

- 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 3/4
- For single action door up to 1100mm wide



Characteristics of DC175:

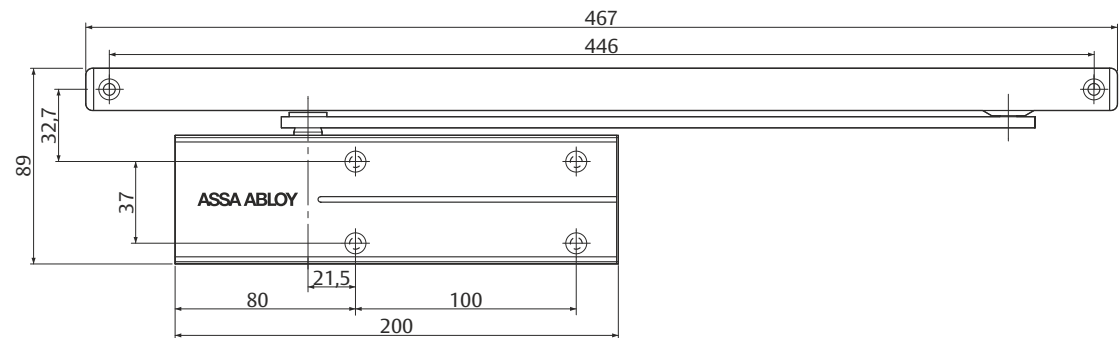
- Can be used with a mounting plate, suitable for fire and smoke protection doors
- Can be used in four installation type: hinge and non-hinge side in standard and frame installation
- Can be used for left and right-handed doors
- Closing speed and latching speed continuously adjustable
- Compact design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



Closing force	EN 3/4
Door width upto	1100mm
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 non-hinge side	Ca. 110°
Certified in compliance with	EN 1154
CE making for building products	Yes
Length	200 mm
Height	58 mm
Depth	32mm
Weight	2.1 Kg

All dimensions are in mm

Door Closer
DC 175



Specification for DC 175.

- ASSA ABLOY Door closer DC175 with Cam-motion technology and guide rails in compliance with EN 1154
- Closing fpower adjustable, EN size 3/4, for doors up to 1100mm wide
 - Closing speed and latching speed continuously adjustable
 - Can be used with concealed mounting plate, suitable for fire and smoke protection doors CE approved
 - Suitable for left and right handed doors
 - CE approved

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

The advantage at a glance:

Customer segment	Advantages
Project planners	Compact design Modern design Fulfil barrier - free building requirement (EA / CEN TR 15894)
Builders	Quick and easy installation Suitable for left and right-handed doors Easy to adjust
Trade	Inexpensive closer model for standard doors All inclusive package with door closer and link arm
User	Largely unaffected by temperature fluctuations due to thermodynamic valves Back-check feature offer optimum protection for door and wall

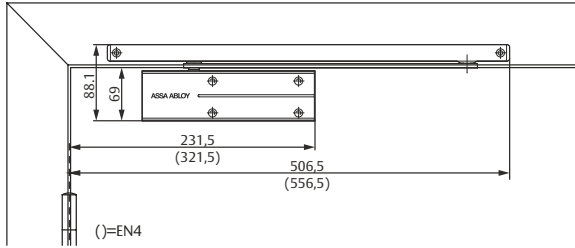
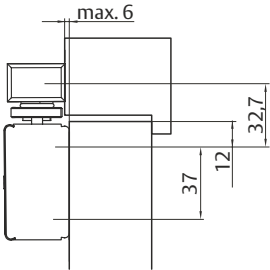
Our service for you:
Here you can see the individual advantages of our door closer models for your respective fields fo business

Door Closer
DC 175

Dimensional drawing and order placement information

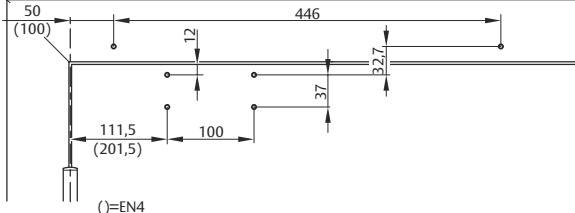
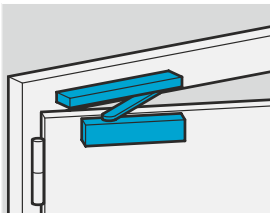
Space required on doors for standard installation on hinge side

Left handed shown in diagram
Right handed is the reverse



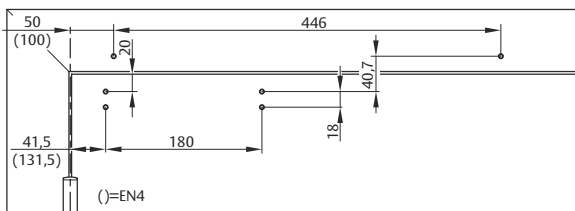
Installation dimensions for direct standard mounting on hinge side

Left handed shown in diagram
Right handed is the reverse



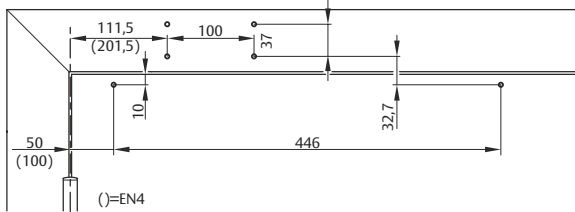
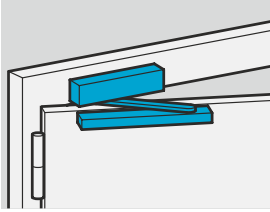
Installation dimensions with mounting plate for standard mounting on hinge side

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



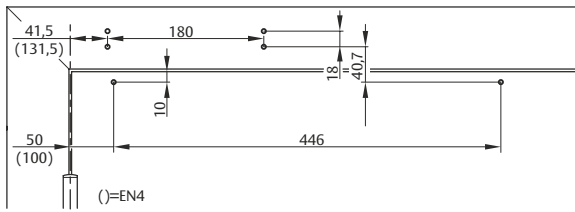
Installation dimensions for direct frame mounting on hinge side

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

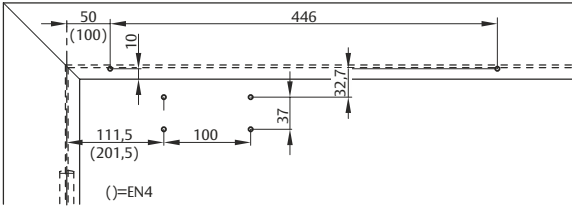
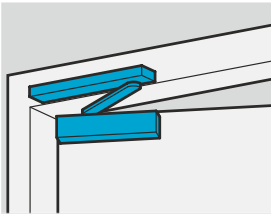


Door Closer

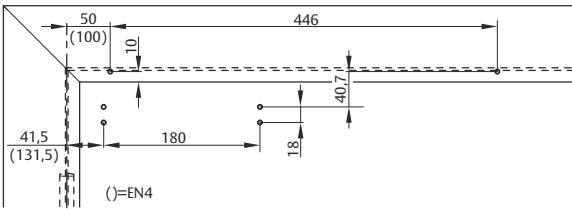
Dimensional drawing and accessories

Dimensional drawings for DC 175

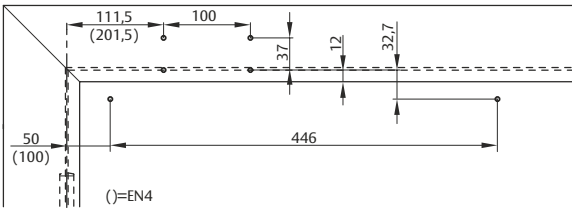
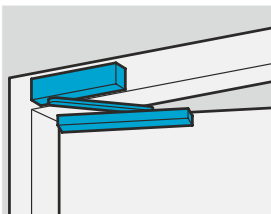
Installation dimension for direct standard mounting non hinge side
Right handed door shown in diagram
Left handed door is the reverse



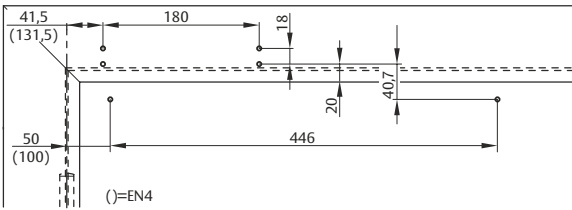
Installation dimensions with mounting plate for standard mounting non hinge side
For doors where direct mounting is not possible
Right handed door shown in diagram
Left handed door is the reverse



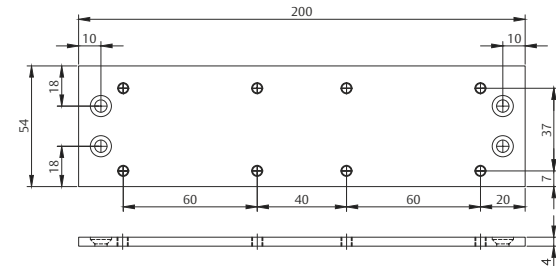
Installation dimensions when mounted directly onto the frame non-hinge side
Closer on non-hinge side of door frame
Right handed door shown in diagram
Left handed door is the reverse



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)



Door Closer

Accessories and order placement Information

Mounting Plate A161

- Hold-open device A278**
- Mechanical hold-open device for doors which sometimes need to be secured in the open position.
 - Simple fittings 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 fittings into guide rail.
 - Opening damper continuously adjustable up to an opening angle 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	DC 175-----9016
DC175, EN3/4, black similar to RAL9005	DC 175-----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-----

Door Closer DC 200

DC 200

Technical details:

- Rack and pinion door closer with link arm L190
- In compliance with EN1154, size 2-4
- For single action doors up to 1100mm wide
- Suitable for fire and smoke protection doors

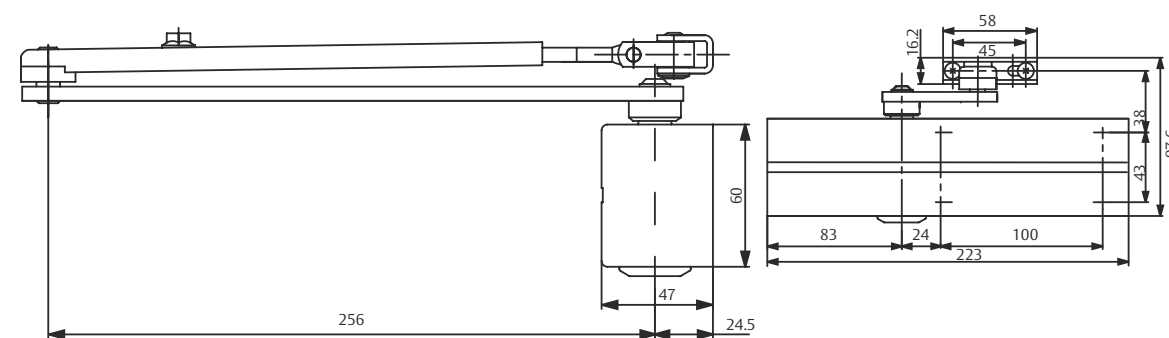
Characteristics of DC 200:

- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- Can be used for left and right-handed doors
- Link arm height-adjustable up to 14mm
- Closing speed, latching speed and back-check adjustable via front facing regulating valves
- Thermodynamic valves for consistent performance
- Adjustable closing force
- Opening angle up to 180°
- Effective back-check and latching speed range adjustable
- Large range of applications
- Standard colour: Silver
- Customized 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



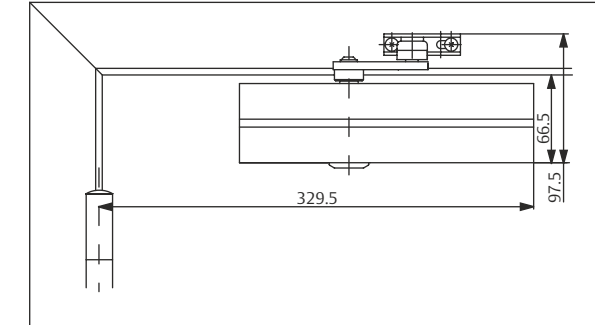
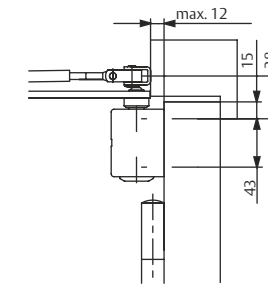
All dimensions are in mm

Door Closer DC 200

Dimensional drawing and order placement information

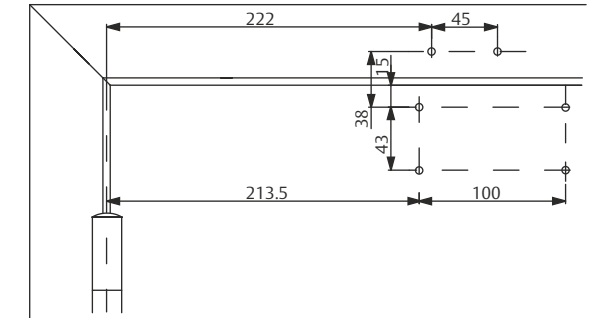
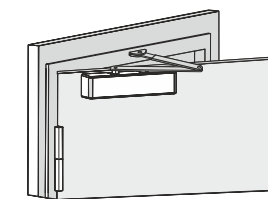
Required space on doors:

Left handed shown in
diagram,
Right handed is the
reverse.



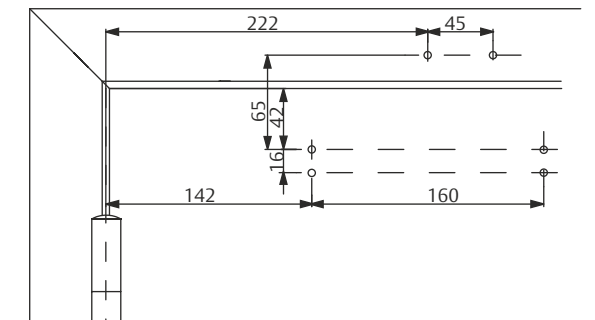
Installation dimensions for direct mounting:

Left handed shown in
diagram,
Right handed is the
reverse.



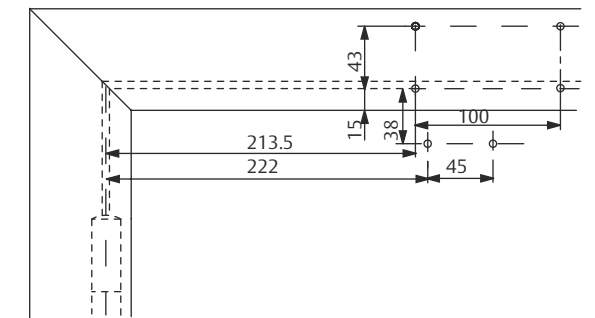
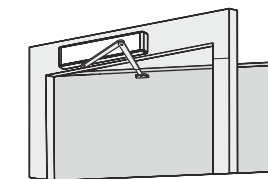
Installation dimensions with mounting plate:

In compliance with
EN1154, Supplement
1, or for doors where
direct mounting is not
possible. Left handed
shown in diagram,
Right handed is the
reverse.



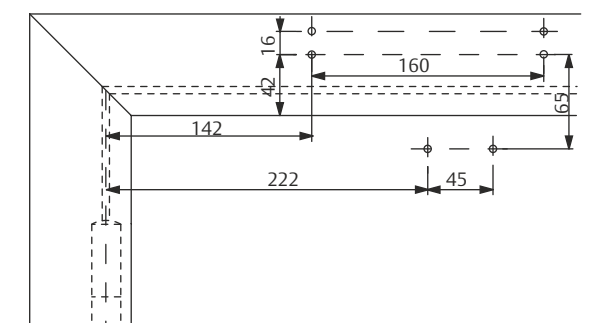
Frame mounting:

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.



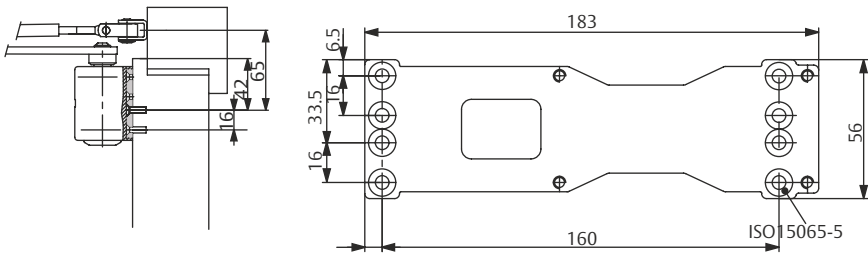
Door Closer

DC 200

Accessories for DC 200

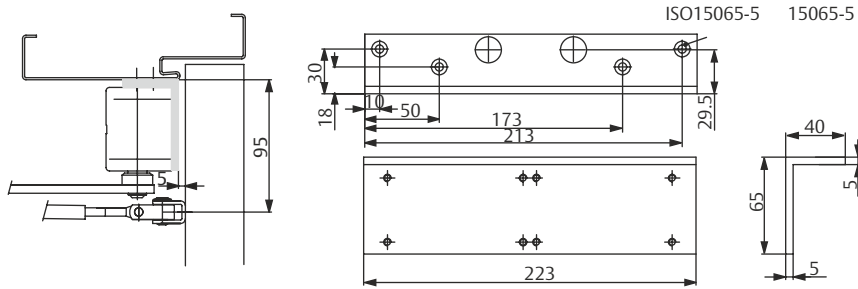
Mounting plate A120:

For mounting with drilling template according to EN1154 Supplement 1 (fire and smoke protection doors) and for universal use.



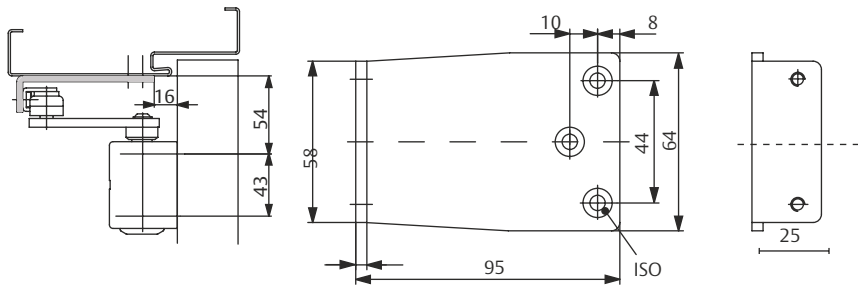
Angle bracket A122:

For frame mounting in case of deep jamb, headroom reduced by 70mm. Check suitability for use on fire and smoke protection doors.



Parallel arm bracket A154:

For frame mounting in case of deep jamb, headroom reduced by 70mm. Check suitability for use on fire and smoke protection doors.



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 (Cannot be used with fire and smoke protection doors)
- ☐ 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

Specification for DC 200

Door Closer

DC 280 SRHO

DC 280 SRHO

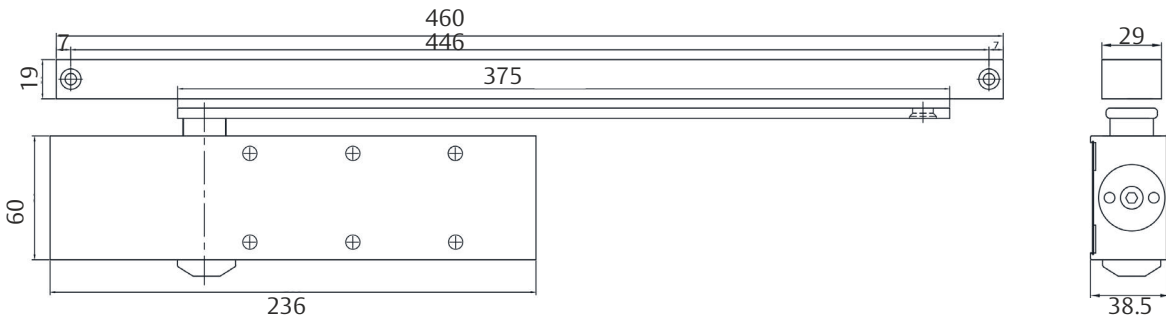
Technical details:

- Rack and pinion door closer
- In compliance with EN1154,
- Power size 2-5 adjustable by spring
- For single action doors up to 1250mm wide



Characteristics of DC280:

- Can be used for left and right-handed doors
 - Closing and latching speed adjustable via regulating valves
 - Thermodynamic valves for consistent performance
 - Parallel arm bracket (Optional)
 - Standard colour: Silver, Black
- Silver EV1
● Black (similar to RAL 9005)



Technical details for DC280 SRHO

Closing force	Power size 2-5
Door width up to	1250mm
Fire and smoke protection	No
Door swing directions	Left / right handed
Closing speed	Variable between 180° - 15°
latching speed	Variable between 15° - 0°
Backcheck	Yes
Hold-open	Yes
Height	60mm
Depth	38.5mm
Length	236mm
In compliance with	EN1154

Door Closer

DC 300

DC 300

Technical details:

- Rack and pinion door closer with link arm L190
- Certified in compliance with EN 1154, Size 3-6
- For single action door up to 1400mm
- Suitable for fire and smoke protection doors



Characteristics of DC 300:

- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- Can be used for left and right-handed doors
- Link arm height-adjustable up to 14mm
- Closing speed, latching speed and back-check adjustable via front facing regulating valves
- Thermodynamic valves for consistent performance
- Adjustable closing force
- Opening angle up to 180°
- Effective back-check and latching speed range adjustable
- Large range of applications
- Standard colour: Silver
- Customized 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

Characteristics for special model DC300DA:

- Delayed closing adjustable from front
- Other features as in Model DC300

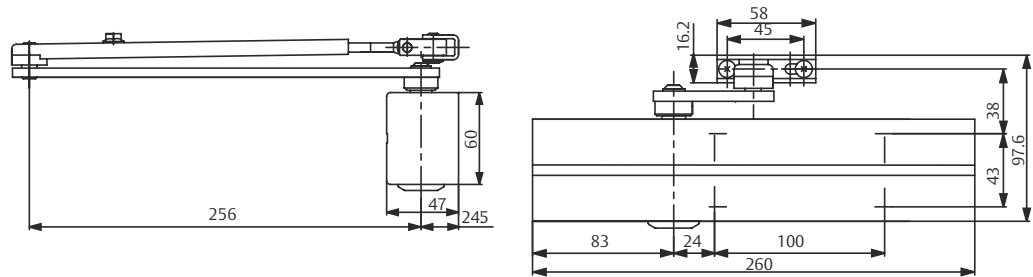
Closing force	EN 3-6
Door width upto	1400mm
Fire and smoke protection	Yes
Door swing directions	Left/right handed
Closing speed	Variable between 180° - 15°
latching speed	Variable between 15° - 0
Back-check	Variable above 75°
Delay closing	Yes
Hold-open mode (with hold-open link arm L191)	Adjustable 75°-150°, can be enabled and disabled
Height	60 mm
Depth	47mm
Length	260 mm
Certified in compliance with	EN 1154
CE making for building products	Yes

All dimensions are in mm

Technical details for DC 300

Door Closer

DC 300



Specification for DC 300

Specification for DC 300

ASSA ABLOY Door Closer DC300 featuring rack and pinion technology in compliance with EN 1154

- Closing power adjustable, EN size 3-6, for doors upto 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
- Suitable for left and right handed doors

Accessories:

- ☐ Link arm L190
- ☐ Hold-open link arm L191 (Cannot be used with fire and smoke protection doors)
- ☐ Mounting plate A120
- ☐ Angle bracket A123
- ☐ Parallel arm bracket for parallel arm mounting A154
- ☐ Glass door shoe A165
- ☐ Full stainless steel coverA173

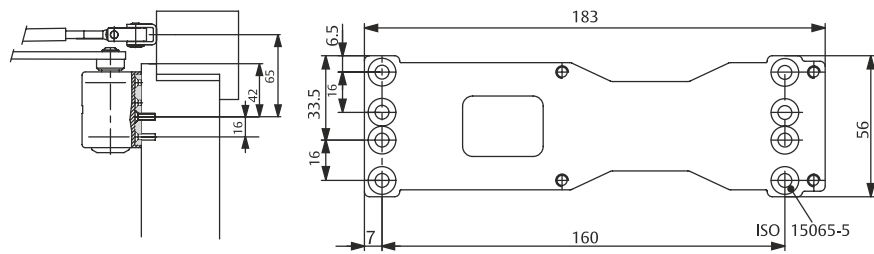
Colour:

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

Accessories for DC 300

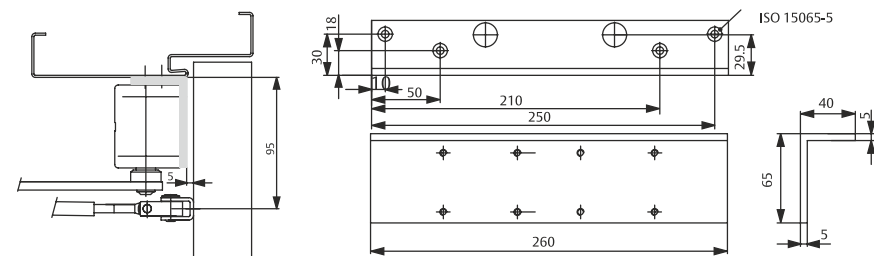
Mounting plate A120:

For mounting with drilling template according to EN1154 Supplement 1 (fire and smoke protection doors) and for universal use.



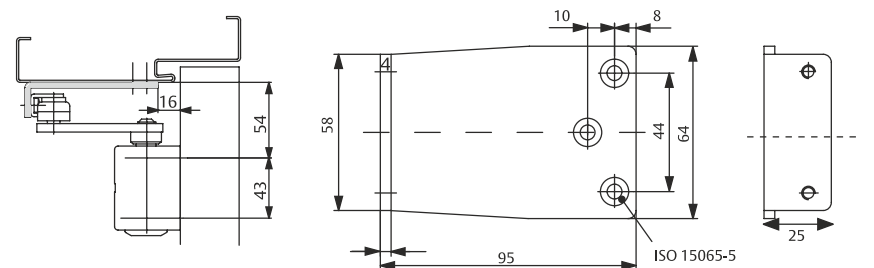
Angle bracket A123:

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.



All dimensions are in mm

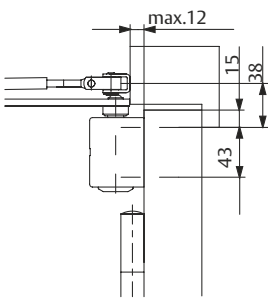
Door Closer

DC 300

Dimensional drawing and order placement information for DC300

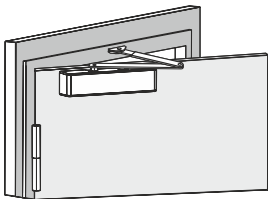
Required space on doors:

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.



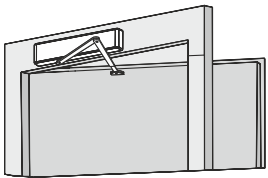
Installation dimensions with mounting plate:

In compliance with EN1154, Supplement 1, or for doors where direct mounting is not possible. Left handed shown in diagram, Right handed is the reverse.



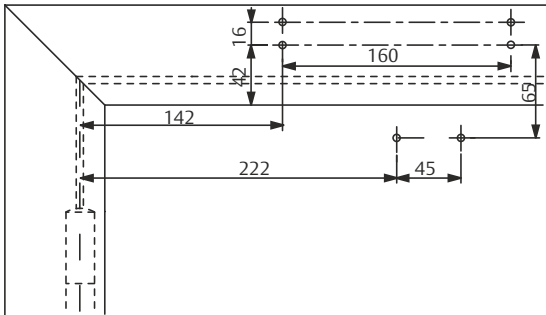
Frame mounting:

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.



Door Closer

DC 300 Tandem

DC 300 Tandem

Technical details:

- Rack and pinion closer with link arm L190
- Two door closers are interlinked for extra wide and heavy doors
- Double closing torque of DC300, EN size > 7
- For single action doors up to 1800 mm wide
- Suitable for fire and smoke protection doors



Characteristics of DC 300 Tandem

- Rack and pinion closer with link arm L190
- Can be used for left and right-handed doors
- Can only be used with a link arm
- 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



Our service for you:

Here you can see the individual advantages of our door closer models for your respective fields of business.

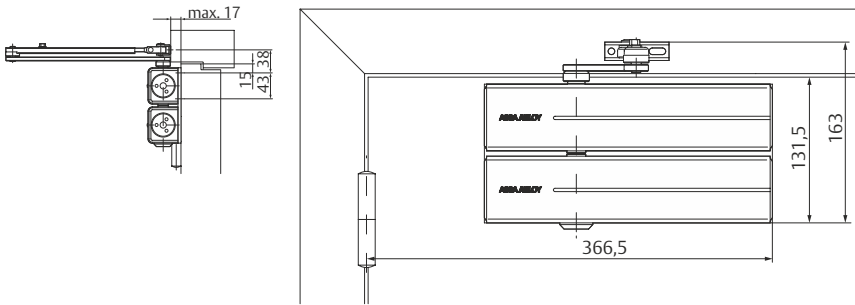
Closing force	EN > 7 (2 X DC300)
Suitable for fire doors	Yes
Door width upto	1800mm
Handing	Left/right handed
Closing speed	Variable between 180° - 15°
latching speed	Variable between 15° - 0
Back-check	Variable above 75°
Hold-open mode	Eg. for external holding magnet
Weight	4.8 kg
Height	125 mm
Depth	55 mm
Length	260 mm
Certified in compliance with	EN 1154 (DC 300)
CE making for building products	Yes (DC 300)

Door Closer
DC 300 Tandem

Dimensional drawing
and order placement
information for DC300

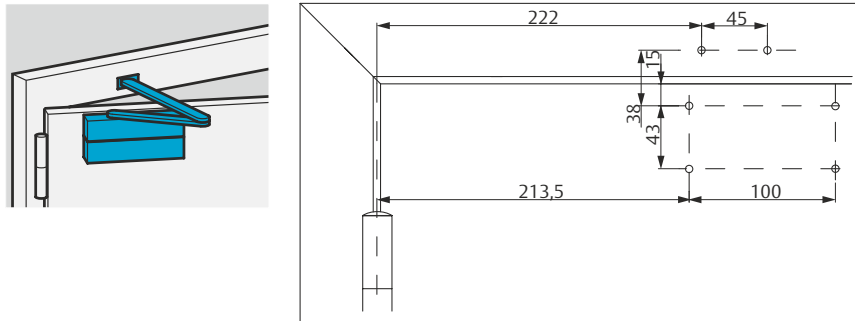
Required space on doors

Left handed shown in
diagram
Right handed is the re
verse



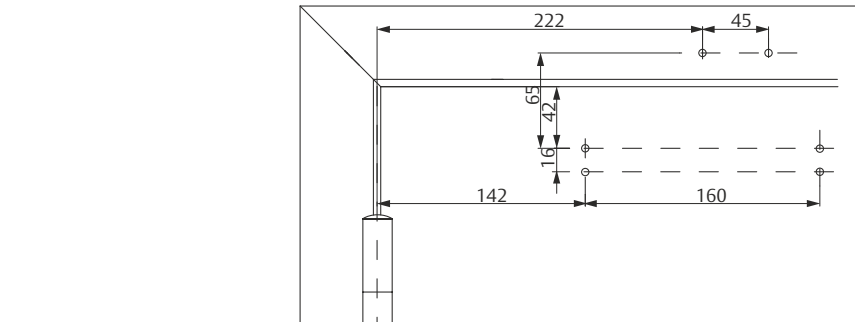
Installation dimensions
for direct mounting

Left handed shown in
diagram
Right handed is the re
verse



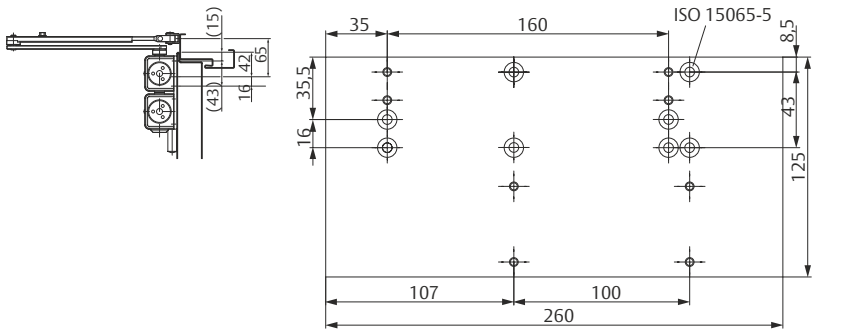
Installation dimensions

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 re
verse



Mounting plate A121

For mounting with drill
ling template acc. to EN
1154 Supplement 1 (fire
and smoke protection
doors) and for direct
mounting.

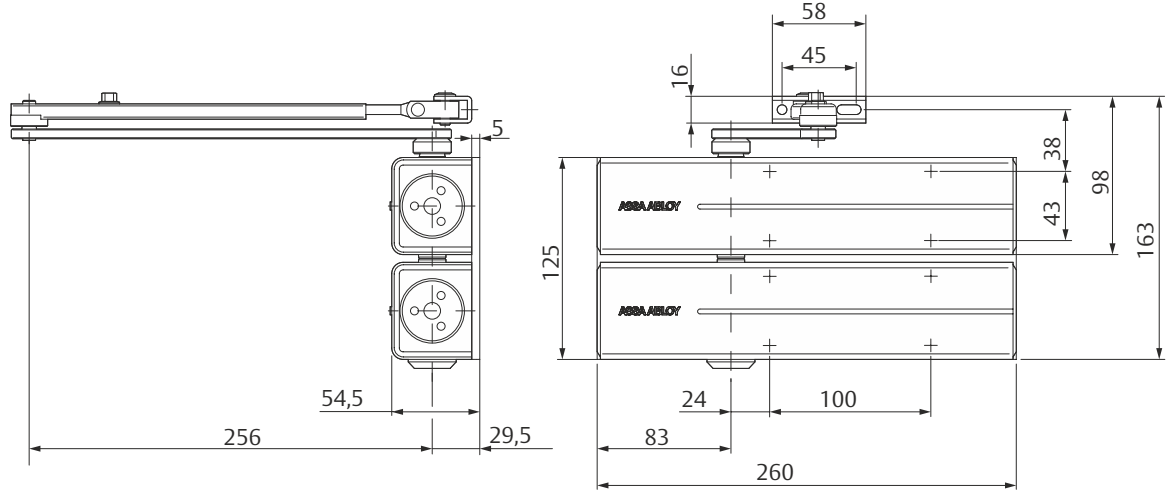


Designation / Item	Order no.
DC300, EN size 3-6, silver EV1	DC300-----DEV1-
Mounting plate A121, silver EV1	DCA121-----EV1-
Link arm L190, silver EV1	DCL190-----EV1-

have to be ordered twice

All dimensions are in mm

Door Closer
DC 300 Tandem



Specification for
DC 300 Tandem

Specification for DC 300 Tandem

- ASSA ABLOY Door closer DC 300 Tandem with link
arm
- Closing power continuously adjustable, EN size >7,
for doors up to 1,800 mm wide
 - Closing speed, latching speed and backcheck
adjustable via front facing regulating valves
 - Can be used with mounting plate for fire and smoke
protection doors
 - 14 mm height adjustable arm system for ease of
fitting
 - Suitable for left and right handed doors

Accessories:

- ☐ 2 pieces DC300
- ☐ 1 piece mounting pla
tes A121 (One piece
of accessory pack
contains mounting
plate A121, extra long
spindle and screw
pack)
- ☐ 1 piece link arm L190

Colour:

- ☐ Silver EV1

Our service for you:

Here you can see the
individual advantages of
our door closer models
for your respective
fields fo business

The advantage at a glance:

Customer segment	Advantages
Project planners	Extensive range of uses, also for extra large and heavy doors
Builders	One drilling template overall Standard door closers DC300 can be used with tandem mounting plates Quick and easy installation Quickly and easily adjustable Suitable for left and right handed doors, in both door and frame mounted applications Easily retrofitted with minimal rework
Trade	Reduced inventory costs due to modular product range
User	No reworking of door element for upgrade to tandem

Door Closer

DC 340 Rack and pinion door closer with guide rail or link arm

DC 340 Rack and pinion door closer with guide rail or link arm

Technical details:

- Rack and pinion door closer with height-adjustable link arm L190 or guide rail G195/G193
- Certified in compliance with EN1154, size 2-6 with link arm and size 1-4 with guide rail
- Delayed action variant DC340DA certified in compliance with EN1154, size 2-6 with link arm and size 1-4 with guide rail
- Suitable for fire and smoke protection doors
- For single action doors up to 1100 mm wide (guide rail) and 1400 mm (link arm)

Characteristics of DC 340

- 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 180°
- 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



Characteristics of link arm L190

- Opening angle up to 180°

Characteristics of 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
- Drawings: see drawings at DC347 with link arm

Characteristics of special model DC300DA

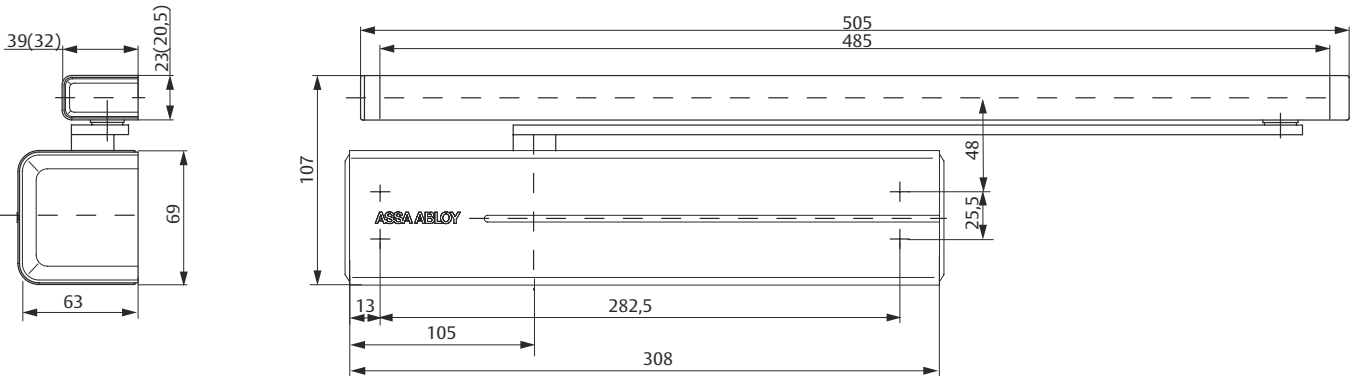
- Delayed closing adjustable from front
- Other features as in model DC300

Characteristics of 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)



Door Closer

DC 340

Technical details for DC 340

Technical attributes	
Door width up to (guide rail / link arm)	1100 mm / 1400 mm
Closing force (guide rail / link arm)	EN 1-4 / EN 2-6
Suitable for fire doors	Yes
Handing	Left / right handed
Closing speed	Variable between 180°-15°
Latching speed	Variable between 15°-0°
Backcheck	Variable above 75°
Delayed action (DC340DA)	Variable 120° - 70°
Weight	2.1 kg
Height	69 mm
Depth	64,5 mm
Length	306 mm
Certified in compliance with	EN 1154
CE marking for building products	Yes

Specifications for DC340

- ASSA ABLOY Door Closer DC340 featuring rack and pinion technology in compliance with EN 1154
- Closing power continuously adjustable, EN size 1-4, for doors up to 1100 mm wide
 - Closing speed, latching speed and backcheck adjustable via front facing regulating valves
 - Delayed action available for DC340DA
 - 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:

- Standard guide rail G193
- Height-adjustable guide rail G195
- Link arm L190
- Hold-open link arm L191 (Cannot be used with fire and smoke protection doors)
- Mounting plate A126
- Angle bracket A107
- 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)

Colour:

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

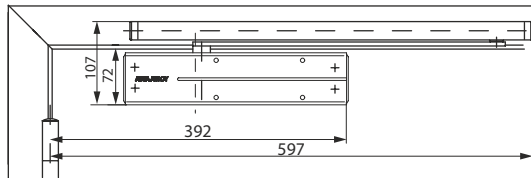
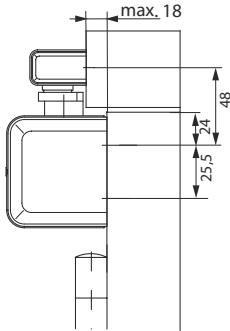
The advantages at a glance

Customer segment	Advantages
Project planners	-Extensive range of uses: Fire and smoke protection doors as well as standard doors -Modern design -Compact design -Same dimensions and design with and without mounting plate -Comprehensive functions, standard and optional
Builders	-Adjustable to nearly all door and frame types -Quick and easy installation -Quickly and easily adjustable -Suitable for left and right handed doors, in both door and frame mounted applications
Trade	-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 thanks to thermodynamic valves -Backcheck feature offers optimum protection for doors and walls

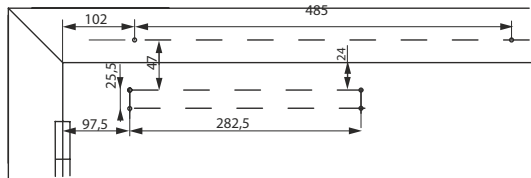
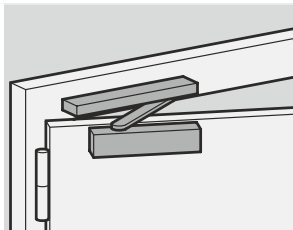
Door Closer DC 340

Dimensional drawing for DC340

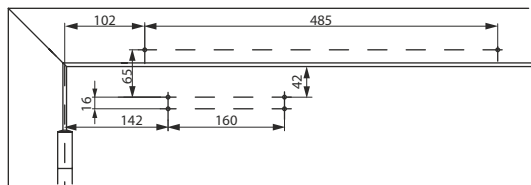
Required space on doors
Left handed shown in
diagram
Right handed is the re-
verse



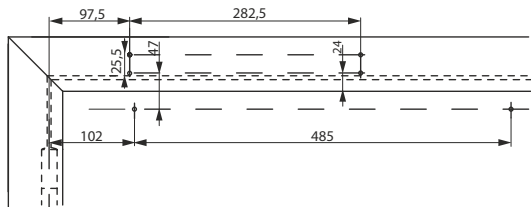
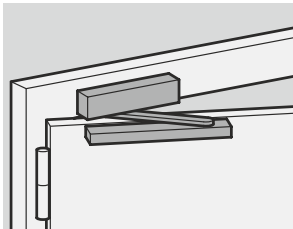
Installation dimensions
for direct mounting
Left handed shown in
diagram
Right handed is the re-
verse



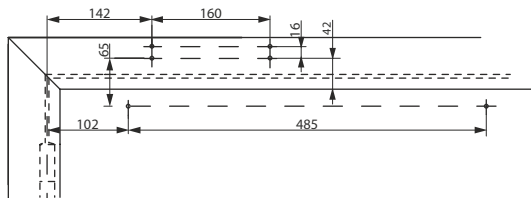
Installation dimensions
with mounting plate
In compliance with EN
1154, Supplement 1, or
for doors where direct
mounting is not possible.
Left handed shown in
diagram
Right handed is the re-
verse



Frame mounting
Closer on hinge side of
door frame.
Left handed shown in
diagram
Right handed is the re-
verse



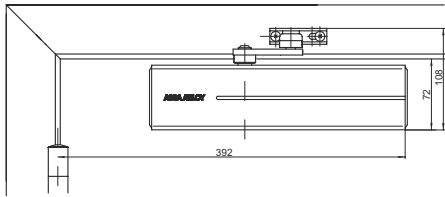
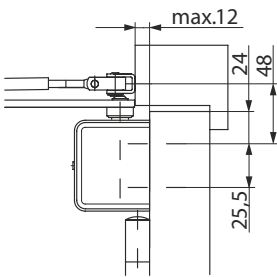
Installation dimensions
with mounting plate for
frame mounting
Closer on non-hinge side
of door frame. For doors
where direct mounting is
not possible.
Left handed shown in
diagram
Right handed is the re-
verse



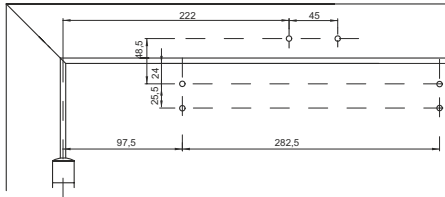
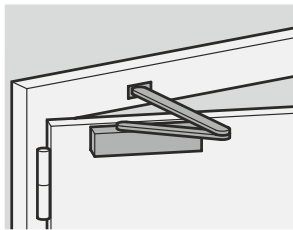
Door Closer DC 340

Dimensional drawing for DC340

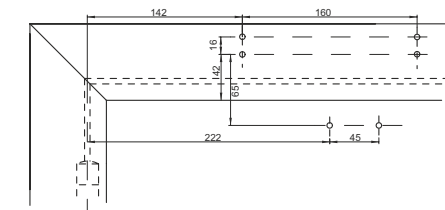
Regular door mounting
Left handed door shown
in diagram
Right handed is the re-
verse



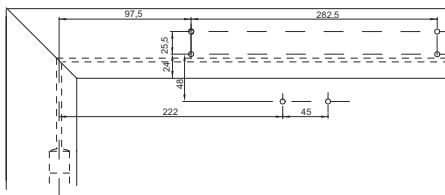
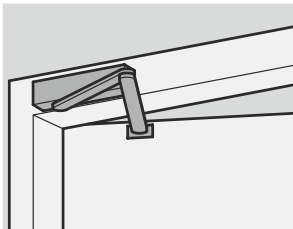
Installation dimension for
direct mounting
Left handed shown in
diagram
Right handed is the re-
verse



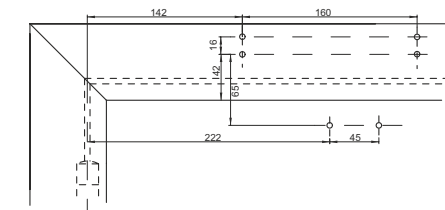
Installation dimensions
with mounting plate
In compliance with EN
1154, Supplement 1, or
for doors where direct
mounting is not possible.
Right handed door
shown in diagram
Left handed door is the
reverse



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

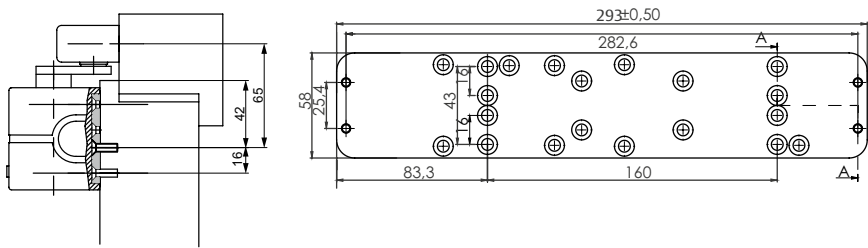


Door Closer

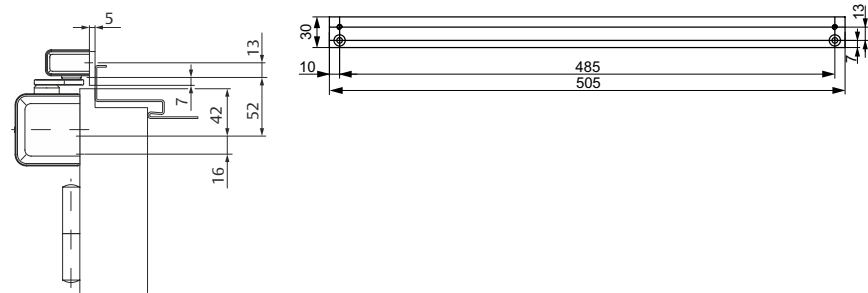
DC 340

Dimensional drawing for DC340

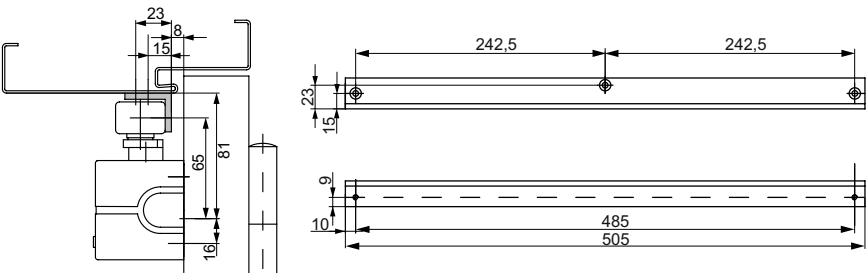
Mounting plate A126
For mounting with drilling template acc. to EN 1154 Supplement 1 (fire and smoke protection doors) and for universal use



Mounting plate A130
For guide rail G193 and G195



Angle bracket A104
Only for standard guide rail G193



Door Closer Accessories

Stainless steel full cover
For DC340 and DC347



Stainless steel full cover
For DC340 and DC347



Door Closer

DC 340

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°
Adjustable hold-open force
Not approved for use on fire and smoke protection doors.



Opening damper A153

Helps to prevent the door and door handle from hitting a return wall.
Simple fitting into guide rail G193 and G195.
Opening damper continuously adjustable up to an opening angle of max. 130°.
Does not replace a door stop.



Notice

DC340 with guide rail G193 / G195 = EN 1-4

DC340 with link arm L190 = EN 2-6

DC340DA with guide rail G193 / G195 = EN 2-4

DC340DA with link arm L190 = EN 2-6

Designation / Item	Order no.
DC340, silver EV1	DC340-----DEV1-
DC340, white, similar to RAL9016	DC340-----D9016
DC340, brown, similar to RAL8014	DC340-----D8014
DC340, black, similar to RAL9005	DC340-----D9005
DC340, stainless steel ASSA ABLOY design	DC340----D35--
DC340, stainless steel full cover	DC340-1---D35--
DC340, customised finish	DC340-----DXXXX
DC340DA, stainless steel ASSA ABLOY design	DC340DA---D35--
DC340DA, stainless steel full cover	DC340DA-1-D35--
DC340DA, silver EV1	DC350-----DEV1-
DC340DA, white, similar to RAL9016	DC350-----D9016
DC340DA, brown, similar to RAL8014	DC350-----D8014
DC340DA, black, similar to RAL9005	DC350-----D9005
DC340DA, stainless steel ASSA ABLOY design	DC350-----D35--
DC340DA, stainless steel full cover	DC350-1---D35--
DC340DA, customised finish	DC350-----DXXXX
Guide rail G193, silver EV1	DCG193-----EV1-
Guide rail G193, white, similar to RAL9016	DCG193-----9016
Guide rail G193, brown, similar to RAL8014	DCG193-----8014
Guide rail G193, black, similar to RAL9005	DCG193-----9005
Guide rail G193, black, similar to RAL9005	DCG193-----XXXX
Guide rail G195, silver EV1	DCG195----DEV1-
Guide rail G195, white, similar to RAL9016	DCG195----D9016
Guide rail G195, brown, similar to RAL8014	DCG195----D8014
Guide rail G195, black, similar to RAL9005	DCG195----D9005
Guide rail G195, stainless steel	DCG195----D35--
Guide rail G195, customised finish	DCG195----DXXXX
Link arm L190, silver EV1	DCL190-----EV1-
Link arm L190, white, similar to RAL9016	DCL190-----9016

Designation / Item	Order no.
Link arm L190, brown, similar to RAL8014	DCL190-----8014
Link arm L190, black, similar to RAL9005	DCL190-----9005
Link arm L190, customised finish	DCL190-----XXXX
Hold-open link arm L191, silver EV1 (Cannot be used with fire and smoke protection doors)	DCL191-----EV1-
Hold-open link arm L191, white, similar to RAL9016 (Cannot be used with fire and smoke protection doors)	DCL191-----9016
Hold-open link arm L191, brown, similar to RAL8014(Cannot be used with fire and smoke protection doors)	DCL191-----8014
Hold-open link arm L191, black, similar to RAL9005 (Cannot be used with fire and smoke protection doors)	DCL191-----9005
Hold-open link arm L191, customised finish(Cannot be used with fire and smoke protection doors)	DCL191-----XXXX
Angle bracket A104, silver EV1	DCA104-----EV1-
Angle bracket A104, RAL9016 white	DCA104-----9016
Angle bracket A104, brown, similar to RAL8014	DCA104-----8014
Angle bracket A104, black, similar to RAL9005	DCA104-----9005
Angle bracket A107, silver EV1	DCA107-----EV1-
Angle bracket A107, customised finish	DCA107-----XXXX
Mounting plate A126, galvanised	DCA126-----40
Mounting plate A130, silver EV1	DCA130-----EV1-
Mounting plate A130, white, similar to RAL9016	DCA130-----9016
Mounting plate A130, brown, similar to RAL8014	DCA130-----8014
Mounting plate A130, black, similar to RAL9005	DCA130-----9005
Mounting plate A130, customised finish	DCA130-----XXXX
Hold-open device A152	DCA152-----
Opening damper A153	DCA153-----

Door Closer

K600 Series

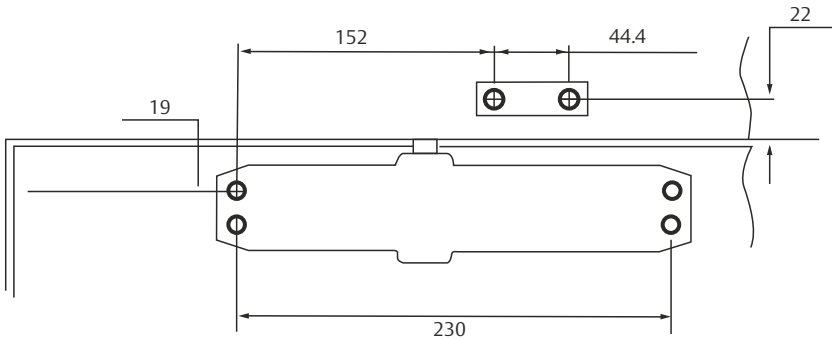
K600 Series

Technical details:

- Rack and pinion closer with standard arm
- In compliance with ANSI/BMHA A156.4 Grade 1 Certified
- For single action doors up to 1400 mm wide

Characteristics of K600

- Available with scissor arm and slide track arm
- Size adjustable by valve
- Back-check available in separate Model (K600BC)
- Non-handed
- Aluminum alloy body
- For residential and commercial use
- Sweep and latch speed control valve
- Standard colour: Silver



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

Closing force	1-6
Door width upto	1400mm
Fire and smoke protection	Yes
Door swing directions	Left/right handed
Closing speed	Variable between 180° - 15°
latching speed	Variable between 15° - 0
Height	53.5 mm
Depth	66.5 mm
Length	248 mm

All dimensions are in mm

Door Closer

K600 Series

K600 Series

• Aluminum Alloy Body

Closer bodies are constructed of special aluminum alloy, carefully selected to accommodate interactive steel component and operation conditions.

• Rack & Pinion Operation

Provides a smooth constant control of the door through its full opening and closing cycle. 180°.door swing can be achieved when door, frame, hardware and arm function do not interfere.

• Non-handed

With few exceptions all K600 series door closers are non-handed and can be installed on either right or left hand swing doors. Pinion shaft extends vertically through the closer body in both directions.

• Sweep Speed Control Valve

Allows adjustment of door speed from the door's full open position down to approximately 10° from the closed position.

• Latch Speed Control Valve

Allows adjustment of door speed from approximately 10° down to the door's fully closed position.

• Adjustable Back-check Valve

Provides control of the door in the opening cycle, beginning at approximately 75° of door opening. it cushions the door opening when the door is forcibly opened beyond its pre-adjusted limits.

• Multi-Sized Door Closer

Adjustable through the power range of sizes 1 - 6.

Size Refrence		Size 1	Size 2	Size 3	Size 4	Size5	Size 6
Door Width mm	Exterior	711	813	914	914	1,067	1,219
	Interior	813	914	1,067	1,219	1,372	1,473

Door Closer

K900 / K990 Series

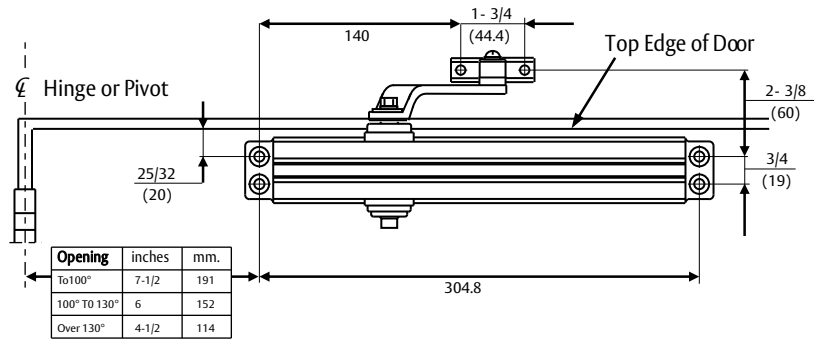
K900 / K990 Series

Technical details:

- Rack and pinion closer with standard arm
- In compliance with ANSI/BMHA A156.4 Grade 1 Certified
- For single action doors up to 1400 mm wide

Characteristics of K900 / K990

- Available with scissor arm and slide track arm
- Size adjustable by valve
- In built backcheck and delayed action
- Non-handed
- Aluminum alloy body
- For heavy duty residential and commercial use
- Sweep and latch speed control valve
- Standard colour: Silver



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

	K900	K990
Closing force	1-6	BF-6
Door width upto	1219mm	1400mm
Fire and smoke protection	Yes	Yes
Door swing directions	Left/right handed	Left/right handed
Closing speed	180° - 15°	180° - 15°
latching speed	15° - 0	15° - 0

All dimensions are in mm

Door Closer

K900 / K990 Series

K900 / K990 Series

Aluminum Alloy Body

Closer bodies are constructed of special aluminum alloy, carefully selected to accommodate interactive steel component and operation conditions.

Rack & Pinion Operation

Provides a smooth constant control of the door through its full opening and closing cycle. 180°.door swing can be achieved when door, frame, hardware and arm function do not interfere.

Non-handed

With few exceptions all K600 series door closers are non-handed and can be installed on either right or left hand swing doors. Pinion shaft extends vertically through the closer body in both directions.

Sweep Speed Control Valve

Allows adjustment of door speed from the door's full open position down to approximately 10° from the closed position.

Latch Speed Control Valve

Allows adjustment of door speed from approximately 10° down to the door's fully closed position.

Adjustable Back-check Valve

Provides control of the door in the opening cycle, beginning at approximately 75° of door opening. it cushions the door opening when the door is forcibly opened beyond its pre-adjusted limits.

Multi-Sized Door Closer

Adjustable through the power range of sizes K900- BF – 4 / 1 - 6./ K990 - BF-6 K900BF (BF-4) / K990BF (BF-6) also confirms to the BF opening force requirements of the A.D.A and ANSI/BHMA standard A117.1 for interior doors.

Size Reference		Size 1	Size 2	Size 3	Size 4	Size5	Size 6
Door Width mm	Exterior	711	813	914	914	1,067	1,219
	Interior	813	914	1,067	1,219	1,372	1,473

Door Closer

DC 500

DC 500 Cam Motion

Technical details:

- Door closer with Cam Motion technology and height-adjustable guide rail G195 or standard guide rail G193
- Fulfils barrier-free building requirements (EA/ CEN TR 15894)
- Certified in compliance with EN1154, size EN1-4
- Suitable for fire and smoke protection doors
- For single action doors up to 1100mm wide
- Can be used in four installation types: Hinge and non-hinge side in standard and frame installation

Characteristics of DC 500:

- 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 continuously height adjustable up to 14mm
- Closing speed, latching speed and back-check adjustable via front facing regulating valves
- Thermodynamic valves for consistent performance
- Adjustable closing force
- Opening angle up to 170°
- Effective back-check and latching speed range adjustable
- Large range of applications
- Standard colour: Silver EV1,

Black similar to RAL 9005,
Brown similar to RAL 8014,
White similar to RAL 9016,
Stainless Steel
- Customized finishes available on request



Characteristics for guide rail G195:

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

Characteristics for standard guide rail G193:

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

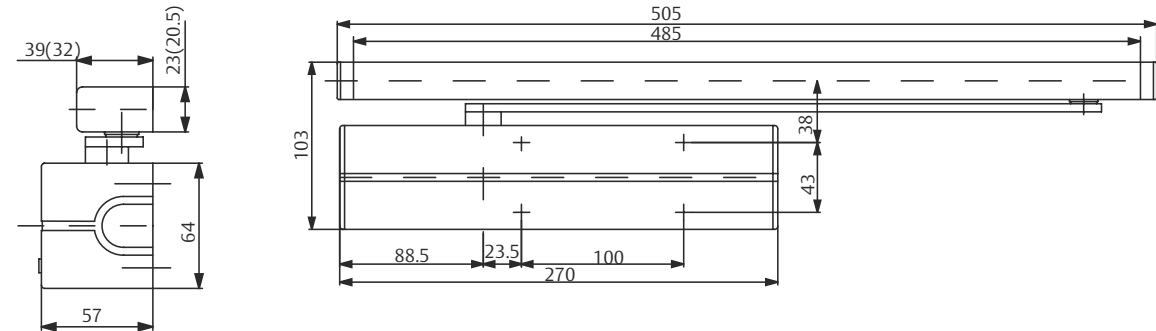
Technical details for DC500

Adjustable closing force	EN 1-4
Door width up to	1100mm
Fire and smoke protection	Yes
Door swing directions	Left/right handed
Standard and frame installation	Yes
Closing speed	Variable between 170° - 15°
Latching speed	Variable between 15° - 0
Back-check	Variable above 75°
Opening angle hinge side	ca, 170°
Opening angle non-hinge side	ca, 102°
Height	64 mm
Depth	57mm
Length	270 mm
In compliance with	EN 1154
CE marking for building products	Yes

All dimensions are in mm

Door Closer

DC 500



Specification for DC 500

Specification for DC 500

ASSA ABLOY Door Closer DC500 with Cam-Motion® technology and guide rail in compliance with EN 1154

- Closing power continuously adjustable, EN size 1-4, for doors up to 1100 mm wide
- Closing speed, latching speed and backcheck continuously adjustable
- 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

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
- ☐ Full stainless steel cover A190

Colour:

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

Door Closer

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: 130° (max.)
- Adjustable hold-open force
- Not approved for use on fire and smoke protection doors

Opening damper A153:

- Helps to prevent the door and door handle from hitting a return wall
- Simple fitting into guide rail G193 and G195
- Opening damper continuously adjustable up to an opening angle of max. 130°
- Does not replace a door stop

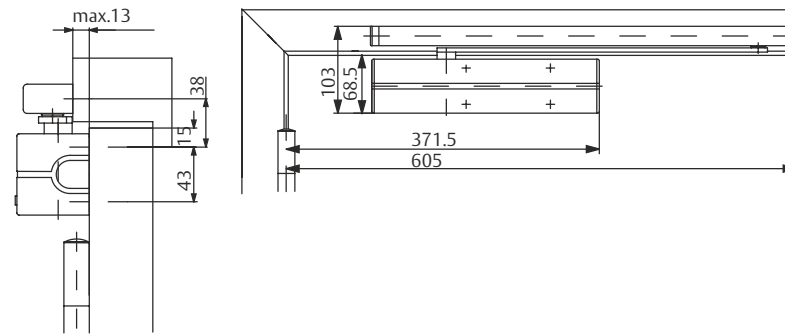


Door Closer DC 500

Dimensional drawing for DC500

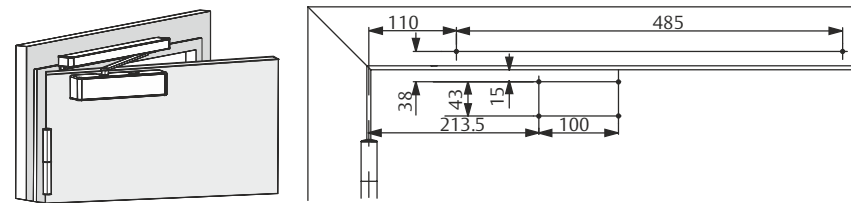
Space required on
doors for standard
installation on hinge
side:

Left handed shown
in diagram,
Right handed is the
reverse.



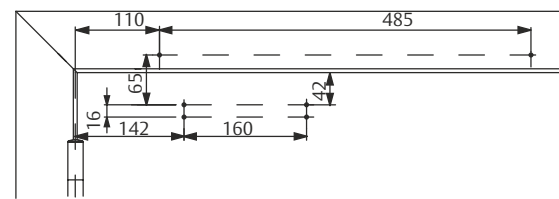
Installation dimensions
for direct standard
mounting on hinge side:

Left handed shown in
diagram,
Right handed is the
reverse.



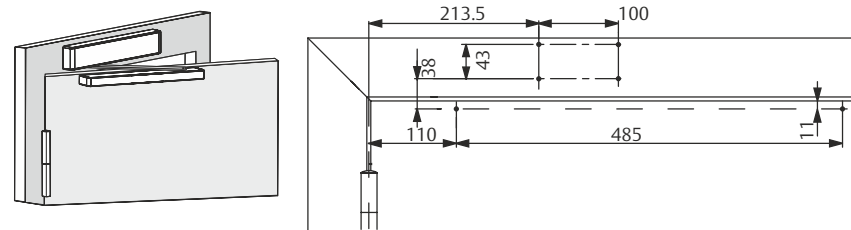
Installation dimensions
with mounting plate
for standard mounting
on hinge side:

In compliance with
EN1154, supplement
1, or for doors where
direct mounting is not
possible. Left handed
shown in diagram,
Right handed is the
reverse.



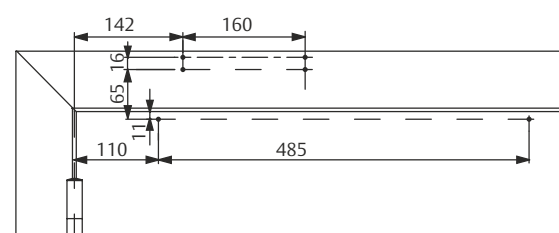
Installation dimensions
for direct frame moun-
ting on hinge side:

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.

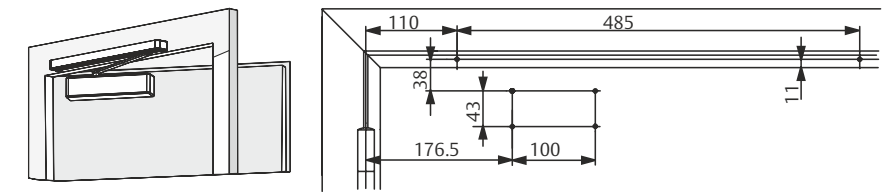


Door Closer DC 500

Dimensional drawing for DC500

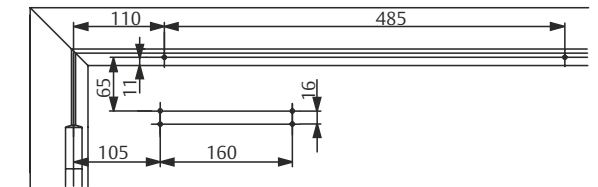
Installation dimensions
for direct standard
mounting non-hinge
side:

Right-handed door shown
in diagram, Left handed
door is the reverse.



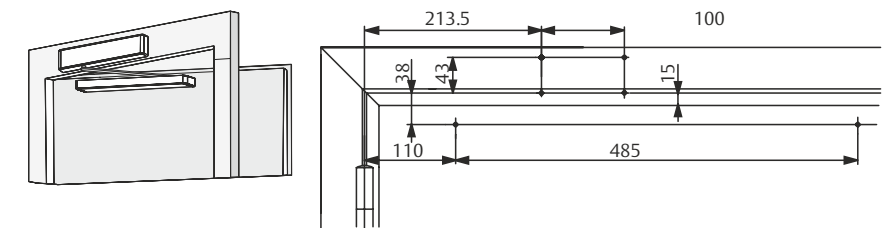
Installation dimensions
with mounting plate
for standard mounting
non-hinge side:

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



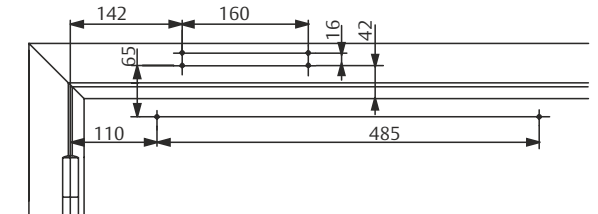
Installation dimensions
when mounted directly
on to the frame hinge
side:

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:

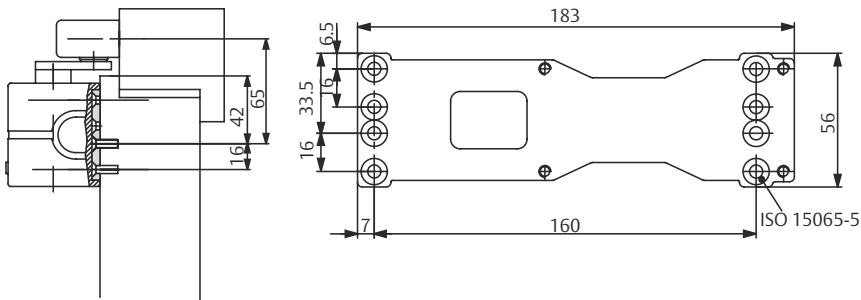
Closer on non-hinge side
of door frame. For doors
where direct mounting
is not possible. Right-
handed door shown in
diagram, Left handed
door is the reverse.



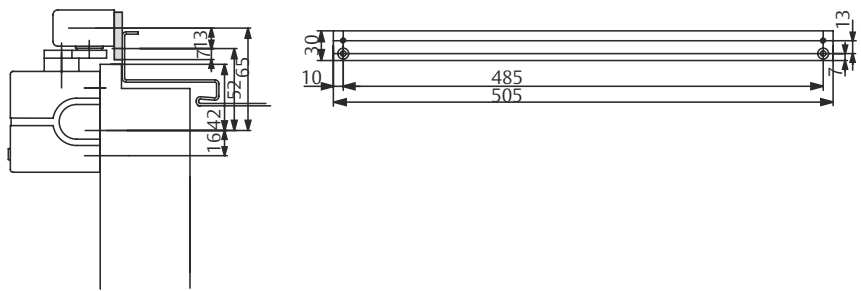
Door Closer
DC 500

Accessories
for DC500

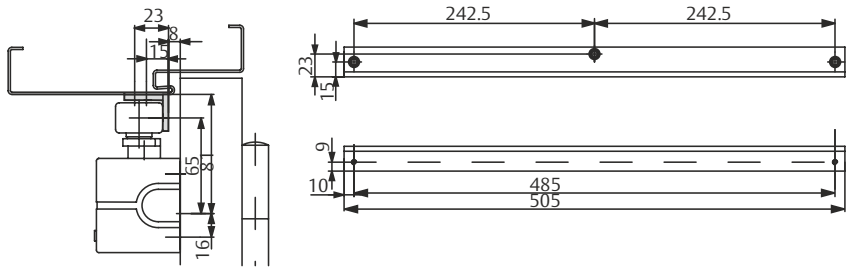
Mounting plate A120:
For mounting with
drilling template
according to EN1154,
Supplement 1 and for
universal use



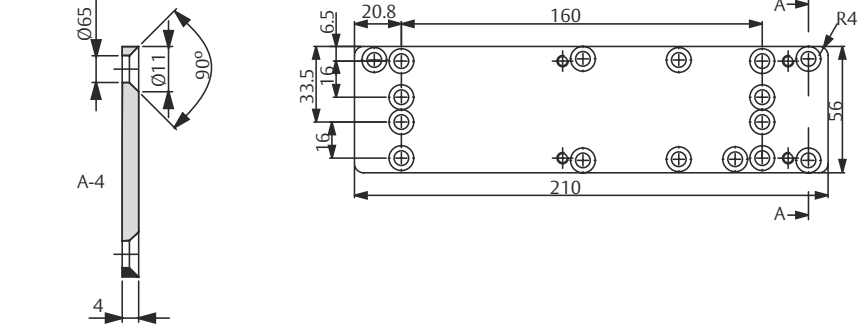
Mounting Plate A130:
For guide rail G193 and
G195



Angle Bracket A104:
Only for standard guide
rail G193



**Replacement Plate
A124:**
Replacement plate
A124



Door Closer
DC 500

Designation / Item	Order no.
DC500, EN size 1-4, silver EV1	DC500-----DEV1-
DC500, EN size 1-4, white, similar to RAL9016	DC500-----D9016
DC500, EN size 1-4, brown, similar to RAL8014	DC500-----D8014
DC500, EN size 1-4, black, similar to RAL9005	DC500-----D9005
DC500, EN size 1-4, stainless steel, ASSA ABLOY design	DC500-----D35--
DC500, EN size 1-4, customised finish	DC500-----DXXXX
Guide rail G193, silver EV1	DCG193-----EV1-
Guide rail G193, white, similar to RAL9016	DCG193-----9016
Guide rail G193, brown, similar to RAL8014	DCG193-----8014
Guide rail G193, black, similar to RAL9005	DCG193-----9005
Guide rail G195, silver EV1	DCG195----DEV1-
Guide rail G195, white, similar to RAL9016	DCG195----D9016
Guide rail G195, brown, similar to RAL8014	DCG195----D8014
Guide rail G195, black, similar to RAL9005	DCG195----D9005
Guide rail G195, stainless steel	DCG195----D35--
Guide rail G195, bespoke finish	DCG195----DXXXX

Designation / Item	Order no.
Mounting plate A120, galvanised	DCA120-----40
Mounting plate A130, silver EV1	DCA130-----EV1-
Mounting plate A130, white, similar to RAL9016	DCA130-----9016
Mounting plate A130, brown, similar to RAL8014	DCA130-----8014
Mounting plate A130, black, similar to RAL9005	DCA130-----9005
Mounting plate A130, customised finish	DCA130-----XXXX
Mounting plate A136, non-hinge side, for Guide Rail G193 and G195, 40 mm, silver EV1	DCA136-----EV1-
Glass door shoe A166, silver EV1	DCA166-----EV1-
Angle bracket A104, silver EV1	DCA104-----EV1-
Angle bracket A104, RAL9016 white	DCA104-----9016
Angle bracket A104, brown, similar to RAL8014	DCA104-----8014
Angle bracket A104, black, similar to RAL9005	DCA104-----9005
Hold-open device A152	DCA152-----
Opening damper A153	DCA153-----
Replacement plate A124, galvanised	DCA124-----40
Screening plate A190, stainless steel	DCA190-----35--

Door Closer

DC 700

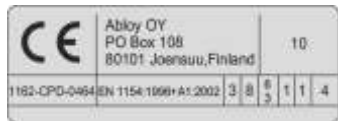
DC 700 Cam Motion

Technical details:

- Door closer with Cam Motion technology and height-adjustable guide rail G195 or standard guide rail G193
- Fulfils barrier-free building requirements (EA/ CEN/TR 15894)
- Certified in compliance with EN1154, size EN3-6
- Suitable for fire and smoke protection doors
- For single action doors up to 1400mm wide
- Can be used in four installation types: Hinge and non-hinge side in standard and frame installation

Characteristics of DC 700:

- 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 continuously height adjustable up to 14mm
- Closing speed, latching speed and back-check adjustable via front facing regulating valves
- Thermodynamic valves for consistent performance
- Adjustable closing force
- Opening angle up to 170°
- Effective back-check and latching speed range adjustable
- Large range of applications
- Standard colour: Silver EV1,
 - Black similar to RAL 9005,
 - Brown similar to RAL 8014,
 - White similar to RAL 9016,
 - Stainless Steel
- Customized finishes available on request



Characteristics of standard guide rail G193:

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

Characteristics for guide rail G195:

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

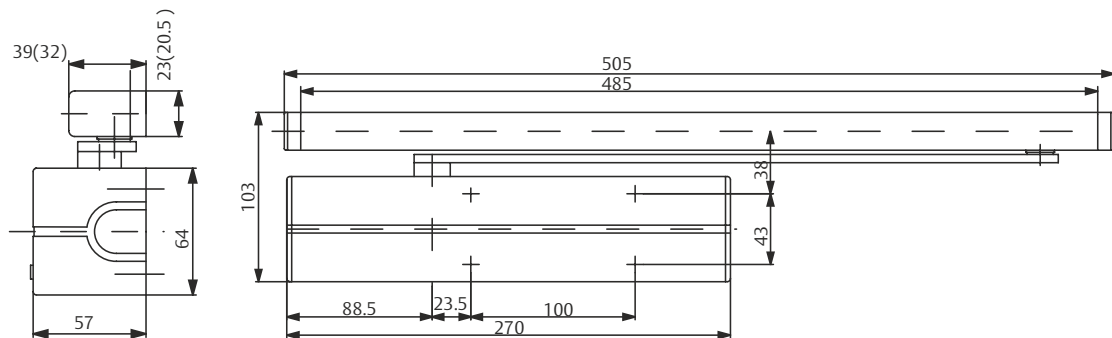
Technical details for DC700

Closing force	EN 3-6
Door width upto	1400mm
Fire and smoke protection	Yes
Door swing directions	Left/right handed
Standard and frame installation	Yes
Closing speed	Variable between 170° - 15°
latching speed	Variable between 15° - 0
Back-check	Variable above 75°
Delay closing (DC700 DA)	Yes
Opening angle hinge side (DC700)	ca, 170°
Opening angle hinge side (DC700 AC)	180°
Opening angle non-hinge side (DC700 AC)	ca, 102°
Height	64 mm
Depth	58mm
Length	272 mm
Certified in compliance with	EN 1154
CE making for building products	Yes

All dimensions are in mm

Door Closer

DC 700



Specification for DC 700

Specification for DC 700

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 upto 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
- ☐ Full stainless steel cover A190

Colour:

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

Door Closer

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: 130° (max.)
- Adjustable hold-open force
- Not approved for use on fire and smoke protection doors



Opening damper A153:

- Helps to prevent the door and door handle from hitting a return wall
- Simple fitting into guide rail G193 and G195
- Opening damper continuously adjustable up to an opening angle of max. 130°
- Does not replace a door stop

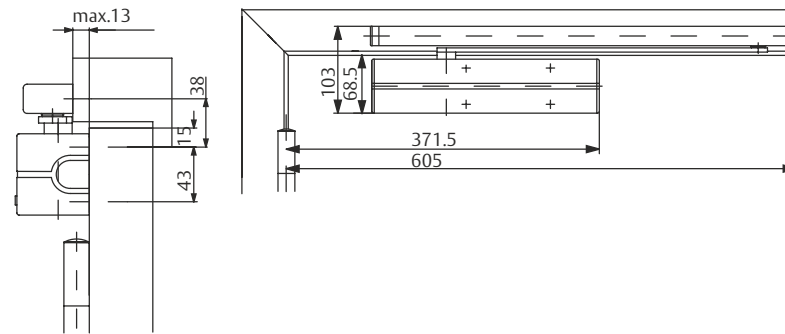


Door Closer DC 700

Dimensional drawing for DC700

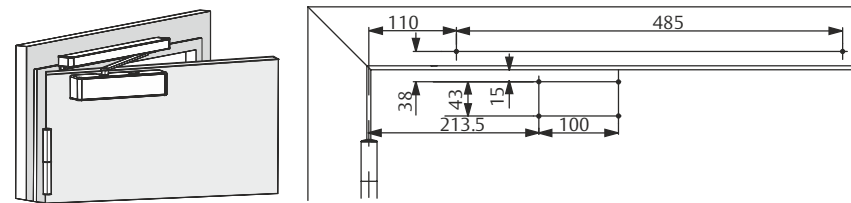
Space required on
doors for standard
installation on hinge
side:

Left handed shown
in diagram,
Right handed is the
reverse.



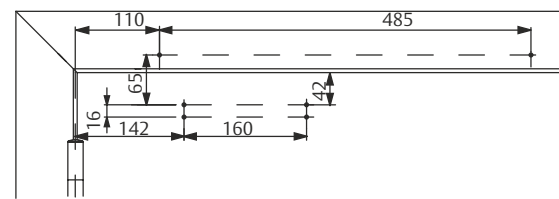
Installation dimensions
for direct standard
mounting on hinge side:

Left handed shown in
diagram,
Right handed is the
reverse.



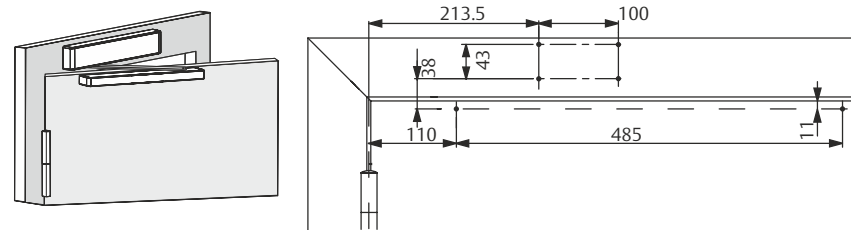
Installation dimensions
with mounting plate
for standard mounting
on hinge side:

In compliance with
EN1154, supplement
1, or for doors where
direct mounting is not
possible. Left handed
shown in diagram,
Right handed is the
reverse.



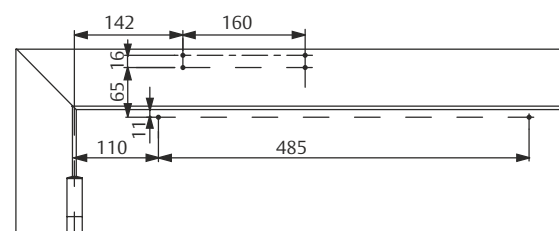
Installation dimensions
for direct frame mount-
ing on hinge side:

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.

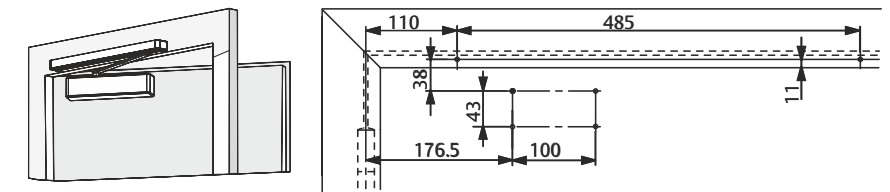


Door Closer DC 700

Dimensional drawing for DC700

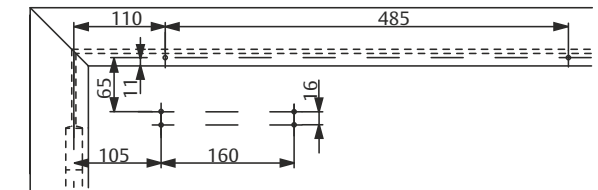
Installation dimensions
for direct standard
mounting non-hinge
side:

Right-handed door shown
in diagram, Left handed
door is the reverse.



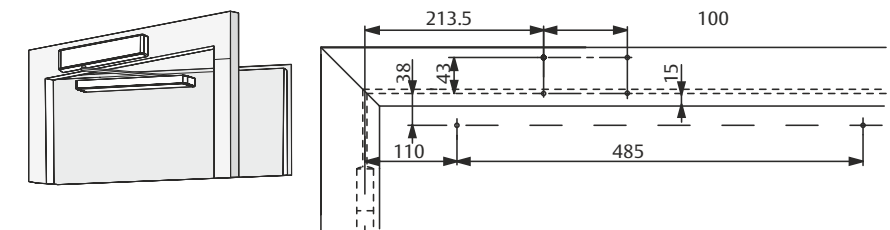
Installation dimensions
with mounting plate
for standard mounting
non-hinge side:

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



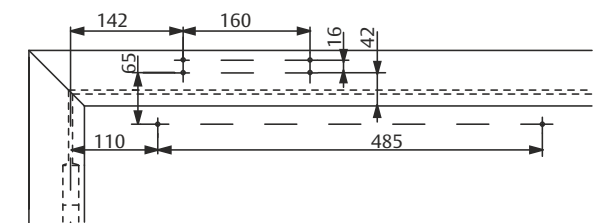
Installation dimensions
when mounted directly
on to the frame hinge
side:

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:

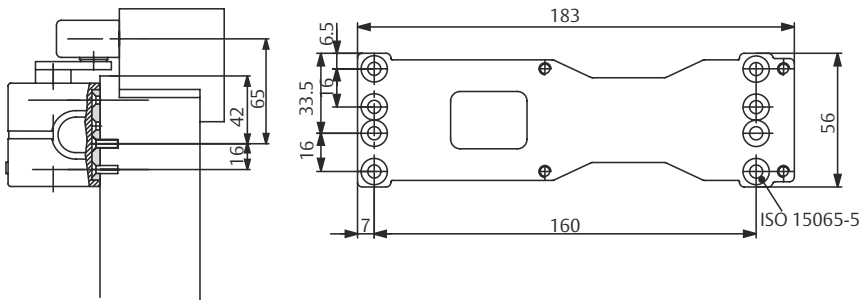
Closer on non-hinge side
of door frame. For doors
where direct mounting
is not possible. Right-
handed door shown in
diagram, Left handed
door is the reverse.



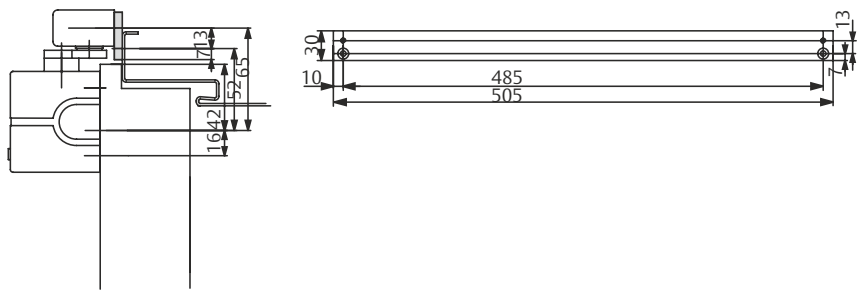
Door Closer
DC 700

Accessories
for DC700

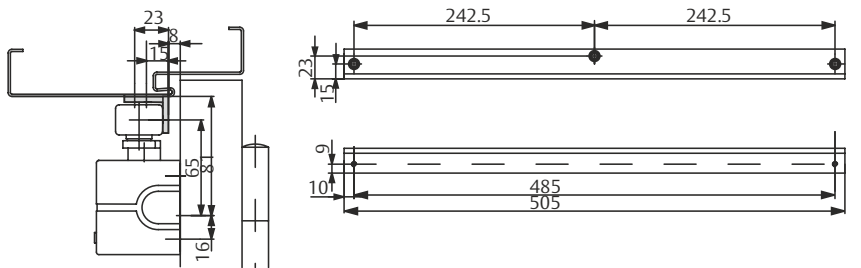
Mounting plate A120:
For mounting with
drilling template
according to EN1154,
Supplement 1 and for
universal use



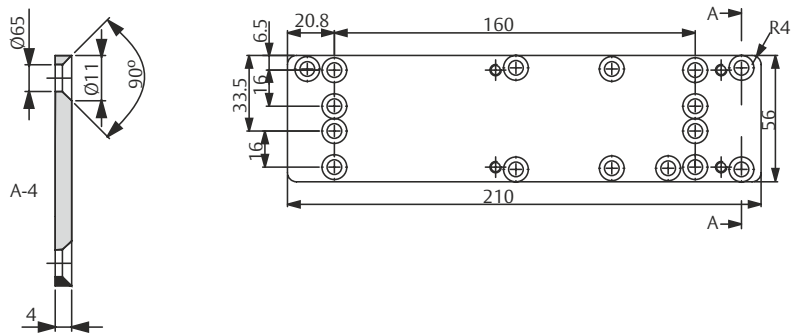
Mounting Plate A130:
For guide rail G193 and
G195



Angle Bracket A104:
Only for standard guide
rail G193



**Replacement Plate
A124:**
Replacement plate
A124



Door Closer
DC 700

Designation / Item	Order no.
DC700, EN size 3-6, silver EV1	DC700-----DEV1-
DC700, EN size 3-6, white, similar to RAL9016	DC700-----D9016
DC700, EN size 3-6, brown, similar to RAL8014	DC700-----D8014
DC700, EN size 3-6, black, similar to RAL9005	DC700-----D9005
DC700, EN size 3-6, stainless steel, ASSA ABLOY design	DC700-----D35--
DC700, EN size 3-6, customised finish	DC700-----DXXXX
DC700DA, EN size 3-6, silver EV1	DC710-----DEV1-
DC700DA, EN size 3-6, white, similar to RAL9016	DC710-----D9016
DC700DA, EN size 3-6, brown, similar to RAL8014	DC710-----D8014
DC700DA, EN size 3-6, black, similar to RAL9005	DC710-----D9005
DC700DA EN size 3-6, stainless steel, ASSA ABLOY design	DC710-----D35--
DC700DA, EN size 3-6, customised finish	DC710-----DXXXX
DC700AC, EN size 3-6, silver EV1	DC711-----DEV1-
DC700AC, EN size 3-6, white, similar to RAL9016	DC711-----D9016
DC700AC, EN size 3-6, stainless steel, ASSA ABLOY design	DC711-----D35--
DC700AC, EN size 3-6, customised finish	DC711-----DXXXX
Guide rail G193, silver EV1	DCG193-----EV1-
Guide rail G193, white, similar to RAL9016	DCG193-----9016
Guide rail G193, brown, similar to RAL8014	DCG193-----8014
Guide rail G193, black, similar to RAL9005	DCG193-----9005
Guide rail G195, silver EV1	DCG195-----DEV1-

Designation / Item	Order no.
Guide rail G195, white, similar to RAL9016	DCG195----D9016
Guide rail G195, brown, similar to RAL8014	DCG195----D8014
Guide rail G195, black, similar to RAL9005	DCG195----D9005
Guide rail G195, stainless steel	DCG195----D35--
Guide rail G195, bespoke finish	DCG195----DXXXX
Mounting plate A120, galvanised	DCA120-----40
Mounting plate A136, non-hinge side, for Guide Rail G193 and G195, 40 mm, silver EV1	DCA136-----EV1-
Mounting plate A130, silver EV1	DCA130-----EV1-
Mounting plate A130, white, similar to RAL9016	DCA130-----9016
Mounting plate A130, brown, similar to RAL8014	DCA130-----8014
Mounting plate A130, black, similar to RAL9005	DCA130-----9005
Mounting plate A130, customised finish	DCA130-----XXXX
Glass door shoe A166, silver EV1	DCA166-----EV1-
Angle bracket A104, silver EV1	DCA104-----EV1-
Angle bracket A104, RAL9016 white	DCA104-----9016
Angle bracket A104, brown, similar to RAL8014	DCA104-----8014
Angle bracket A104, black, similar to RAL9005	DCA104-----9005
Replacement plate A124, galvanised	DCA124-----40
Hold-open device A152	DCA152-----
Opening damper A153	DCA153-----
Drilling gauge A176, ASSA ABLOY door closers	DCA176-----
Screening plate A190, stainless steel	DCA190-----35--

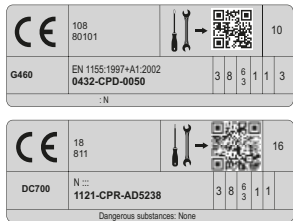
Door Closer

DC 700 with G460

DC 700 with G460

Technical details:

- Door closer with Cam-motion® technology and guide rail with electro-mechanical hold-open device for single leaf doors
- Certified in compliance with EN 1154/EN1155 Size 3-6
- Hold-open angle continuously adjustable between 70°-130°
- Suitable for fire and smoke protection doors up to 1400mm wide



Characteristics of DC 700 with G460

- Electro-mechanical hold-open device
- Continuously adjustable holding force
- Hold-open angle adjustable between 70°-130°
- Door opening angle up to 130°
- Can be used for left and right handed doors
- Standard mounting position on hinge side and non-hinge side
- Axis continuously height adjustable up to 14 mm
- 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

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

Characteristics for special model DC300DA:

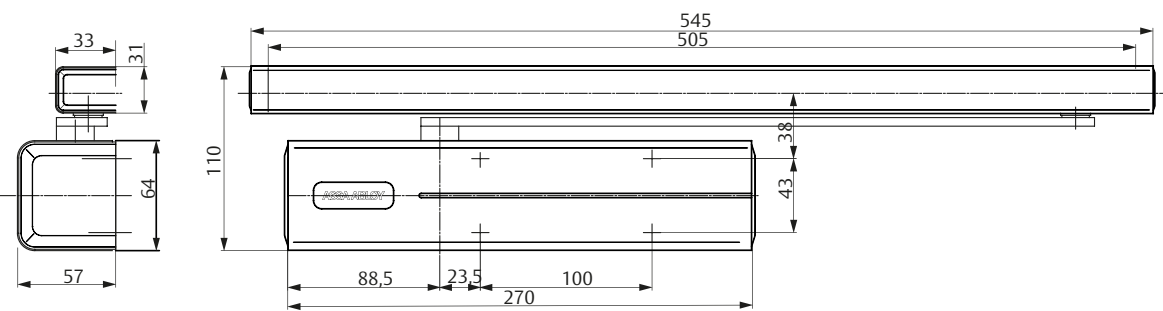
- Delayed closing adjustable from front
- Other features as in Model DC300

Closing Force	3-6
Door width upto	1400mm
Hold open angle (continuously adjustable)	70° - 130°
Hold open angle non-hinge side installation	75° - 120°
Required power supply	24 V DC
Max. consumption	60 MA
Back-check	1.2 kg
Height	31 mm
Depth	34mm
Length	545mm
Certified in compliance with	EN 1154 / EN 1155
CE making for building products	Yes
Facts for door closer see DC700	

All dimensions are in mm

Door Closer

DC 700 with G460



Specification for DC700

Specification for DC700 with G460

ASSA ABLOY door closer DC700 with Cam-Motion® technology, guide rail G460 with electro-mechanical hold-open device, 24 V DC

- Power supply 24 V DC
- Hold-open force continuously adjustable, EN size 3 – 6
- Hold-open angle adjustable between 70°-130°
- Hold-open angle non-hing side adjustable between 70° and 120°
- Can be used for left and right handed doors
- Standard mounting position on hinge side and non-hinge side
- Axis continuously height adjustable up to 14 mm
- Large range of applications
- With technical approval for different smoke detecti on systems

Accessories:

- ☐ Mounting plate A115
- ☐ Angle bracket A116
- ☐ Smoke protection de tector A177
- ☐ Flush mounted door release button A178

Colour:

- ☐ Silver EV1
- ☐ White, similar to RAL9016
- ☐ Brown, similar to RAL8014
- ☐ Black, similar to RAL9005
- ☐ Stainless steel

Technical details for G460

Our service for you:

Here you can see the individual advantages of our door closer models for your respective fields fo business

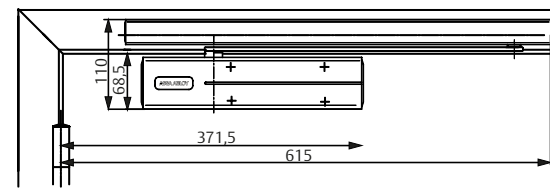
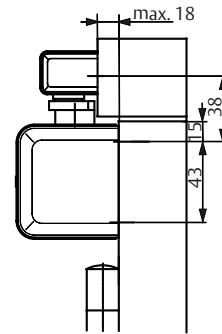
The advantage at a glance:

Customer segment	- Advantages
Project planners	- Extensive range of uses: Fire and smoke protection doors as well as standard doors - Modern design - Compact design
Builders	- Adjustable to nearly any door and frame types - Quick and easy installation - Quickly and easily adjustable - Suitable for left and right handed doors for standard 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
User	- Adjustable operating force, to meet door construction requirements and user need

Door Closer DC 700 with G460

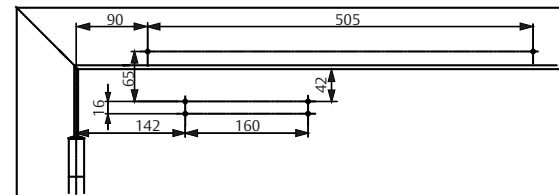
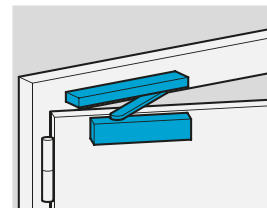
Dimensional drawing and order placement information for Dc700 with G460

Regular mounting on hinge side
Left handed shown in diagram,
Right handed is the reverse.



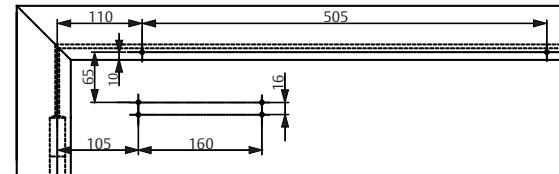
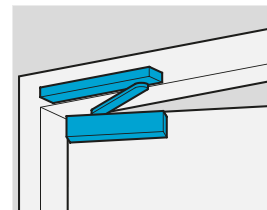
Installation dimensions
with mounting plate for
standard mounting on
hinge side

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



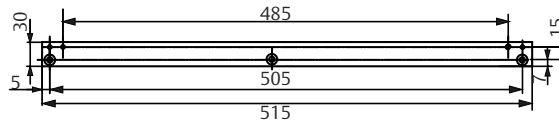
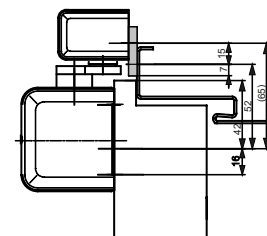
Installation dimensions
with mounting plate for
standard mounting on
non-hinge side

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



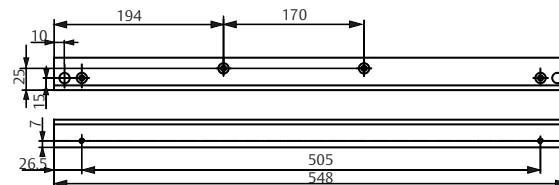
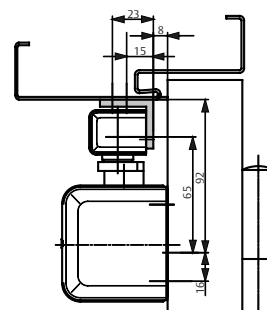
Mounting plate A115

For guide rail G460



Angle bracket A116

For guide rail G460
non-hinge side mounting.



Door Closer DC 700 with G460

Accessories and order placement information

Flush mounted door release button A178

For manual release of hold-open.



Smoke protection detector A177 (optical)

Operating voltage
15-30 V DC



Designation / Item	Order no.
Guide rail G460, silver EV1	DCG460----DEV1-
Guide rail G460, white similar to RAL9016	DCG460----D9016
Guide rail G460, brown similar to RAL8014	DCG460----D8014
Guide rail G460, black similar to RAL9005	DCG460----D9005
Guide rail G460, stainless steel	DCG460----D35--
Guide rail G460, customised finish	DCG460----DXXXX

Designation / Item	Order no.
Mounting plate A115, silver EV1	DCA115-----EV1-
Mounting plate A115, customised finish	DCA115-----XXXX
Angle bracket A116, silver EV1	DCA116-----EV1-
Angle bracket A116, customised finish	DCA116-----XXXX
Smoke protection detector A177	DCA177-----
Flush mounted door release button A178	DCA178-----

Door Closer

DC 700 with G461

DC 700 with G461 Series

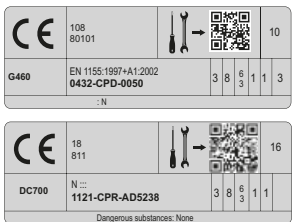
Technical details:

- Door closer with Cam-Motion® technology and guide rail
- Certified in compliance with EN1154/EN1158, size 3-6
- Operates independently of door closers and offers best possible safety and reliability
- Suitable for fire and smoke protection double leaf doors, hinge distance 1350-2500 mm, non-hinge side installation hing distance 1400-2800 mm



Characteristics of DC 700 with G461

- Integrated mechanical coordinator for double leaf doors
- Correct closing sequence guaranteed for double leaf doors, inactive leaf closes before active leaf starts to close
- Active leaf could stay open in any selected angle up to 150° when inactive leaf is opened
- Standard mounting position on hinge side and non-hinge side
- Non-hinge side mounting requires hook arm G120
- Axis continuoulsy height adjustable up to 14 mm
- 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

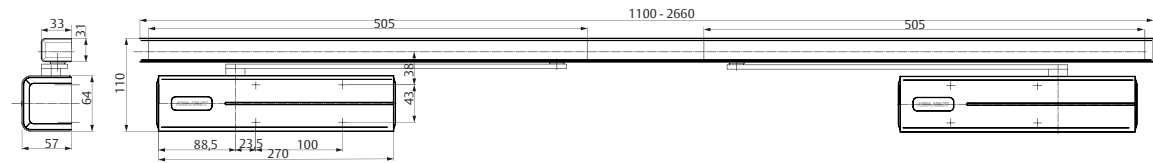


Hinge distance (hinge side)	1,350 - 2800 mm (2800 - 3200 mm)
Hinge distance (non-hinge side)	1400 - 2800 mm
Max. door opening angle of active leaf (hinge side/non-hinge side)	170° / 105°
Max. door opening angle of inactive leaf (hinge side/non-hinge side)	170° / 115°
Weight	2.6 kg
Height	31 mm
Depth	34mm
Length	Depends on hinge distance
Suitable for fire doors	Yes
Certified in compliance with	EN 1154 / En1158
CE making for building products	Yes
Facts for door closer see DC700	

All dimensions are in mm

Door Closer

DC 700 with G461



Specification for DC700 with G461

- ASSA ABLOY guide rail with mechanical coordinator for double leaf doors used with DC700 Cam-Motion® technology door closers
- Hinge distance 1,350 - 2800
 - Active leaf could stay open in any selected angle up to 150° when inactive leaf is opened
 - Standard mounting position on hinge side and non-hinge side
 - Non-hinge side mounting requires hook arm G120
 - Axis continuoulsy height adjustable up to 14 mm
 - Large range of applications

Accessories:

- ☐ Mounting plate A115
- ☐ Angle bracket A116
- ☐ Angle bracket A117
- ☐ Hook arm G120 for non-hinge side mounting
- ☐ Carry bar A101 for hinge side installations
- ☐ Carry bar A102 for non-hinge side installations
- ☐ Mounting kit for wide double doors A113 (2800mm-3200mm), for hinge side only
- ☐ Mech. hold-open device for double doors A114 (NOT applicable with fire doors)
- ☐ Mechanical bearing A151, for double doors
- ☐ Opening damper A191

Colour:

- ☐ Silver EV1
- ☐ White, similar to RAL9016
- ☐ Brown, similar to RAL8014
- ☐ Black, similar to RAL9005
- ☐ Stainless steel

Our service for you:

Here you can see the individual advantages of our door closer models for your respective fields fo business

The advantage at a glance:

Customer segment	- Advantages
Project planners	- Modern design - Compact design
Builders	- Adjustable to nearly any door and frame types - Quick and easy installation - Quickly and easily adjustable - Suitable for left and right handed doors for standard 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
User	- Adjustable operating force, to meet door construction requirements and user need

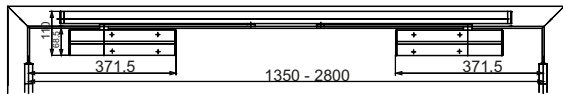
Door Closer

DC 700 with G461

Dimensional drawing and order placement information for Dc700 with G461

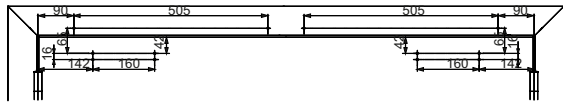
Regular mounting on hinge side

Right handed door is active leaf
Left handed door is inactive leaf



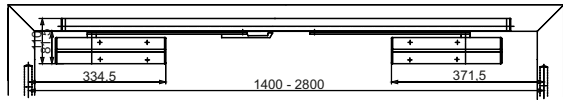
Installation dimensions with mounting plate for standard mounting on hinge side

Right handed door is active leaf
Left handed door is inactive leaf



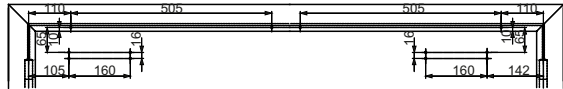
Regular mounting on non-hinge side

Left handed door is active leaf
Right handed door is inactive leaf



Installation dimensions with mounting plate for standard mounting non hinge side

Left handed door is active leaf
Right handed door is inactive leaf



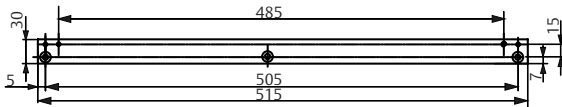
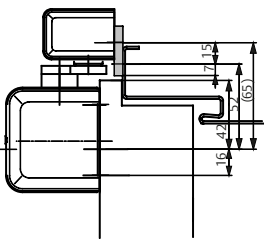
Door Closer

DC 700 with G461

Accessories for DC700 with G461

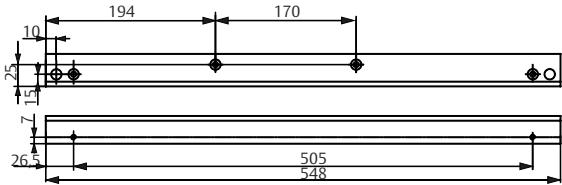
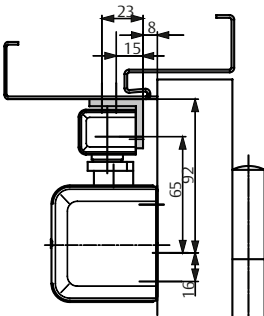
Mounting plate A115

For guide rail G461
1pc for active door leaf



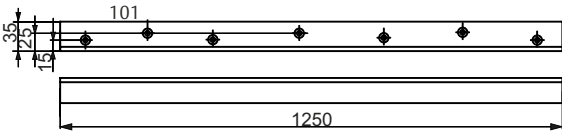
Angle bracket A116

For guide rail G461
non-hinge side mounting
1pc for active door leaf



Angle bracket A117

Middle bracket for guide rail G461 non-hinge side mounting



Designation / Item	Order no.
Guide rail G461 with mechanical coordinator, silver EV1	DCG461----DEV1-
Guide rail G461 with mechanical coordinator, white, similar to RAL9016	DCG461----D9016
Guide rail G461 with mechanical coordinator, brown, similar to RAL8014	DCG461----D8014
Guide rail G461 with mechanical coordinator, black, similar to RAL 9005	DCG461----D9005
Guide rail G461 with mechanical coordinator, stainless steel	DCG461----D35--
Guide rail G461 with mechanical coordinator, customised finish	DCG461----DXXXX
Carry bar A101	DCA101-----
Carry bar A102	DCA102-----
Mounting kit A113	DCA113-----
Hold-open device A114	DCA114-----

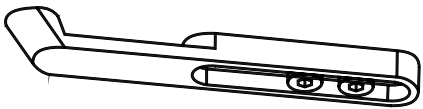
Designation / Item	Order no.
Mounting plate A115, silver EV1	DCA115----EV1-
Mounting plate A115, customised finish	DCA115----XXXX
Angle bracket A116, silver EV1	DCA116----EV1-
Angle bracket A116, customised finish	DCA116----XXXX
Angle bracket A117, silver EV1	DCA117----EV1-
Angle bracket A117, customised finish	DCA117----XXXX
Hook arm G120, silver EV1	DCG120----EV1-
Hook arm G120, white, similar to RAL9016	DCG120----9016
Hook arm G120, brown, similar to RAL8014	DCG120----8014
Hook arm G120, black, similar to RAL 9005	DCG120----9005
Hook arm G120, black, similar to RAL 9005	DCG120----35--
Hook arm G120, customised finish	DCG120----XXXX
Mechanical bearing A151, for double doors	DCA151-----
Opening damper A191	DCA191-----

Door Closer

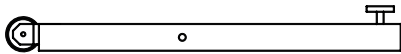
DC 700 with G461

Dimensional drawing
and order placement
information for
Dc700 with G461

Hook arm G120
For double leaf doors
non-hinge side mounting



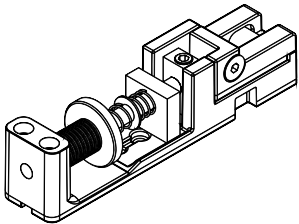
Carry bar A101
Enables the correct
opening sequence of
double doors, installed to
inactive door leaf on
non-hinge side
(G461/G462/G464
installed on hinge side)



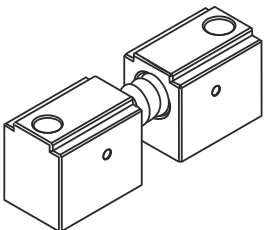
Carry bar A102
Enables the correct
opening sequence of
double doors, installed to
inactive door leaf on
non-hinge side
(G461/G462/G464
installed on NON-hinge side)



**Mechanical hold-open
device A114**
Mechanical hold-open
device for doors which need
to be secured in the open
positions. Hold-open angle
adjustable from ca. 70°-120°.
Not approved for use on
fire and smoke protection
doors



Opening damper A191
Helps to prevent the door
and door handle from
hitting a return wall.
Simple fitting into guide
rail and continously
adjustable. Does not
replace a door stop.



Door Closer

DC 700 with G462 / G464

DC 700 with G462 /
G464 Series

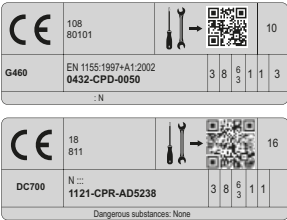
Technical details:

- Door closer with Cam-Motion® technology and guide rail
- Certified in compliance with EN1154/EN1158, size 3-6
- Operates independently of door closers and offers best possible safety and reliability
- Suitable for fire and smoke protection double leaf doors, hinge distance 1350-2500 mm, non-hinge side installation hing distance 1400-2800 mm



Characteristics of DC 700 with G461

- Integrated mechanical coordinator for double leaf doors
- Correct closing sequence guaranteed for double leaf doors, inactive leaf closes before active leaf starts to close
- Active leaf could stay open in any selected angle up to 150° when inactive leaf is opened
- Standard mounting position on hinge side and non-hinge side
- Non-hinge side mounting requires hook arm G120
- Axis continuously height adjustable up to 14 mm
- 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

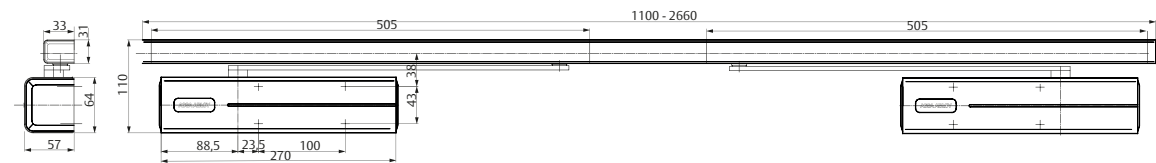


Technical details
for G462/G464

Max. door opening angle of active leaf (hinge side/non-hinge side)	170° / 105°
Max. door opening angle of inactive leaf (hinge side/non-hinge side)	170° / 115°
Hinge distance (hinge side)	1,350 - 2800 mm
Hinge distance (non-hinge side)	1400 - 2800 mm
Required power supply	24 VDC
Weight G462/G464	3.1kg / 2.9kg
Height	34 mm
Depth	33mm
Length	Depends on hinge distance
Suitable for fire doors	Yes
Certified in compliance with	EN 1154 / EN1155 / EN1158
CE making for building products	Yes
Facts for door closer see DC700	

Door Closer

DC 700 with G462 / G464



Specification for DC700 with G462 / G64

ASSA ABLOY guide rail with mechanical coordinator and electro-mechanical hold-open device for double leaf doors used with DC700 Cam-Motion® technology door closers

- Hinge distance 1250 - 2800 mm
- Hold-open angle of inactive leaf adjustable between 70° - 130°
- Continuously adjustable holding force
- Correct closing sequence guaranteed for double leaf doors, inactive leaf closes before active leaf starts to close
- Standard mounting position on hinge side and non-hinge side
- Non-hinge side mounting requires hook arm G120
- Axis continuously height adjustable up to 14 mm
- Large range of applications
- Possible to keep active leaf or both door leaves open (G462)
- Possible to keep both door leaves open (G464)

Accessories:

- ☐ Mounting plate A115
- ☐ Angle bracket A116
- ☐ Angle bracket A117
- ☐ Hook arm G120 for non-hinge side mounting
- ☐ Carry bar A101 for hinge side installations
- ☐ Carry bar A102 for non-hinge side installations
- ☐ Carry bar A102 for non-hinge side installations
- ☐ Smoke detector
- ☐ Flush mounted or surface mounted release button
- ☐ Mechanical bearing A151, for double doors
- ☐ Smoke protection detector A177
- ☐ Flush mounted door release button A178
- ☐ Opening damper A191

Colour:

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

The advantage at a glance:

Customer segment	Advantages
Project planners	- Extensive range of uses: Fire and smoke protection doors - Modern design - Compact design - Applications where both door leaves need to keep open
Builders	- Adjustable to nearly any door and frame types - Quick and easy installation - Quickly and easily adjustable - Suitable for hinge and non-hinge side installations
Trade	- Reduced inventory costs due to modular product range - One single product suitable for a large variety of mounting positions
User	- Correct closing sequence guaranteed in every situation - Adjustable operating force, to meet door construction requirements and user need

Our service for you:

Here you can see the individual advantages of our door closer models for your respective fields fo business

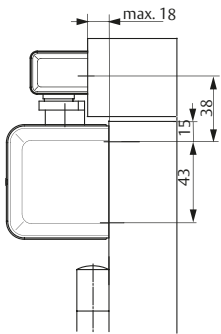
Door Closer

DC 700 with G462 / G464

Dimensional drawing and order placement information for Dc700 with G462 / G464

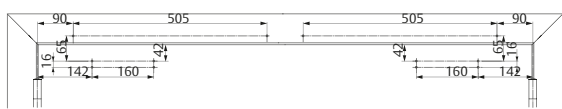
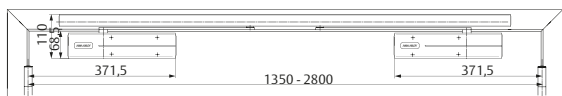
Regular mounting on hinge side

Left handed shown in diagram
Right handed is the re verse



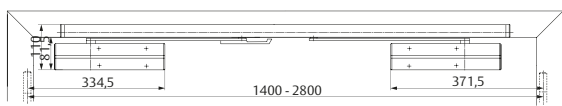
Installation dimensions with mounting plate for standard mounting on hinge side

Right handed door is ac tive leaf
Left handed door is inac tive leaf



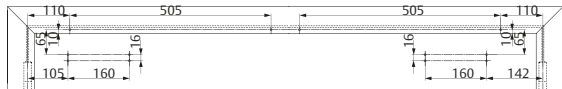
Regular mounting on non-hinge side

Right handed door is ac tive leaf
Left handed door is inac tive leaf



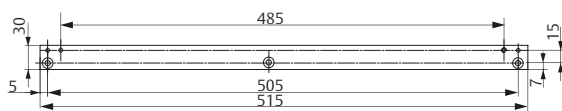
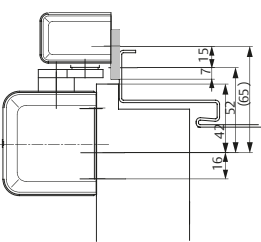
Installation dimensions with mounting plate for standard mounting non hinge side

Right handed door is ac tive leaf
Left handed door is inac tive leaf



Mounting plate A115

For guide rail G464 and G462
1pc for active door leaf

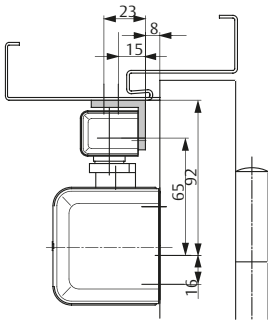


Door Closer

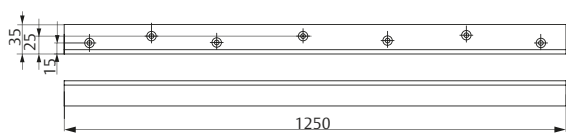
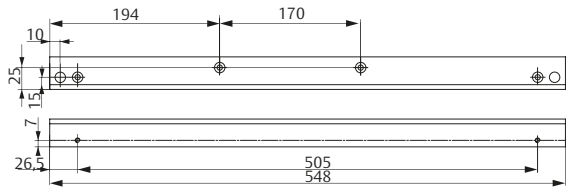
DC 700 with G462 / G464

Accessories
DC700 with G462 / G464

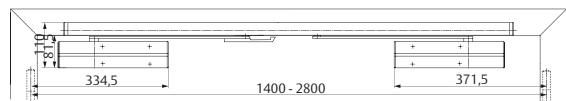
Angle bracket A116
For guide rails G464 and G462
1pc for active door leaf
1pc for passive door leaf



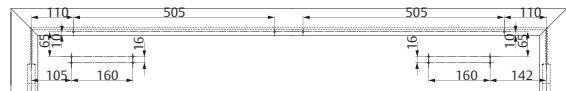
Angle bracket A117
For guide rails G464 and G462



Regular mounting on non-hinge side
Right handed door is active leaf
Left handed door is inactive leaf



Installation dimensions with mounting plate for standard mounting non hinge side
Right handed door is active leaf
Left handed door is inactive leaf

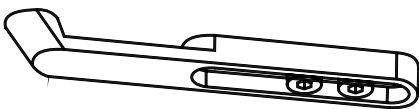


Door Closer

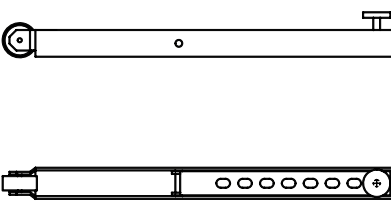
DC 700 with G462 / G464

Dimensional drawing
and order placement
information for
DC700 with G462 / G464

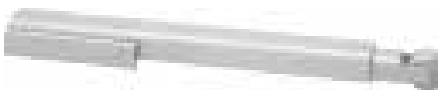
Hook arm G120
For double leaf doors
non-hinge side mounting



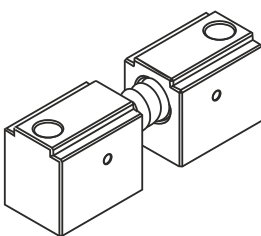
Carry bar A101
Enables the correct opening sequence of double doors, installed to inactive door leaf on non-hinge side
(G461/G462/G464 installed on hinge side)



Carry bar A102
Enables the correct opening sequence of double doors, installed to inactive door leaf on non-hinge side
(G461/G462/G464 installed on NON-hinge side)



Opening damper A191
Helps to prevent the door and door handle from hitting a return wall. Simple fitting into guide rail and continuously adjustable. Does not replace a door stop. Can be used only with G464 on active leaf.



Door Closer

DC 700 with G462 / G464

Accessories and order placement information

Flush mounted door release button A178

For manual release of hold-open.

Smoke protection detector A177 (optical)

Operating voltage 15-30 V DC



Designation / Item	Order no.
Guide rail G462 with mechanical coordinator and two electro-mechanical hold-open devices, silver EV1	DCG462----DEV1-
Guide rail G462 with mechanical coordinator and two electro-mechanical hold-open devices, white, similar to RAL9016	DCG462----D9016
Guide rail G462 with mechanical coordinator and two electro-mechanical hold-open devices, brown, similar to RAL8014	DCG462----D8014
Guide rail G462 with mechanical coordinator and two electro-mechanical hold-open devices, black, similar to RAL 9005	DCG462----D9005
Guide rail G462 with mechanical coordinator and two electro-mechanical hold-open devices, stainless steel	DCG462----D35--
Guide rail G462 with mechanical coordinator and two electro-mechanical hold-open devices, customised finish	DCG462----DXXXX
Guide rail G464 with mechanical coordinator and electro-mechanical hold-open device, silver EV1	DCG464----DEV1-
Guide rail G464 with mechanical coordinator and electro-mechanical hold-open device, white, similar to RAL9016	DCG464----D9016
Guide rail G464 with mechanical coordinator and electro-mechanical hold-open device, brown, similar to RAL8014	DCG464----D8014
Guide rail G464 with mechanical coordinator and electro-mechanical hold-open device, black, similar to RAL 9005	DCG464----D9005

Designation / Item	Order no.
Guide rail G464 with mechanical coordinator and electro-mechanical hold-open device, stainless steel	DCG464----D35--
Guide rail G464 with mechanical coordinator and electro-mechanical hold-open device, customised finish	DCG464----DXXXX
Carry bar A101	DCA101-----
Carry bar A102	DCA102-----
Mounting plate A115, silver EV1	DCA115-----EV1-
Mounting plate A115, customised finish	DCA115-----XXXX
Angle bracket A116, silver EV1	DCA116-----EV1-
Angle bracket A116, customised finish	DCA116-----XXXX
Angle bracket A117, silver EV1	DCA117-----EV1-
Angle bracket A117, customised finish	DCA117-----XXXX
Hook arm G120, silver EV1	DCG120----EV1-
Hook arm G120, white, similar to RAL9016	DCG120----9016
Hook arm G120, brown, similar to RAL8014	DCG120----8014
Hook arm G120, black, similar to RAL 9005	DCG120----9005
Hook arm G120, black, similar to RAL 9005	DCG120----35--
Hook arm G120, customised finish	DCG120----XXXX
Mechanical bearing A151, for double doors	DCA151-----
Smoke protection detector A177	DCA177-----
Flush mounted door release button A178	DCA178-----
Opening damper A191	DCA191-----



Concealed Door Closer

A concealed door closer is a type of door closer that is hidden within the door and frame, offering a cleaner and more aesthetically pleasing appearance compared to surface-mounted closers. These closers are often used in situations where maintaining the architectural integrity of a space is important, such as in high-end residential buildings, hotels, or offices where appearance matters.

Door Closer

Use state-of-the-art technology

Door Closer - Overview of functions										
Models	Type	Technology	Sizes	Max. door width (mm)	Closing speed	Latching speed	Back-check	Delayed action	Fire doors (CE/UL)	Dimension L x D x H (mm)
DC803	Concealed	Cam-motion	EN3	950	Variable between 115°-15°	Variable between 15°-0°	Variable above 75°	-	-	200 x 32 x 54
DC 824U	Concealed	R&P	EN 2-4	850-1100	Variable between 135°-07°	Variable between 7°-0°	Variable above 75°	-	UL	255 x 37 x 68
DC 830U	Concealed	Cam-motion	EN 2-4	850-1100	Variable between 120°-07°	Variable between 7°-0°	Variable above 75°	-	UL	273 x 33x 48

L - Depends on hinge distance
O- Optional Delay action

Door Closer

DC 803

DC 803

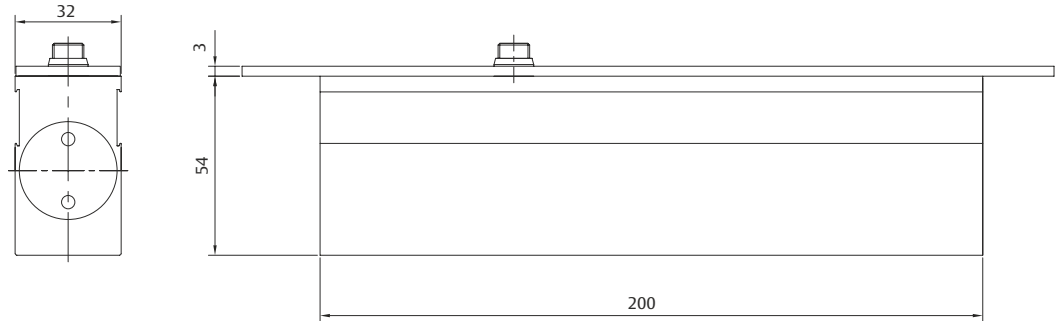
Technical details:

- Concealed door closer with cam-motion technology
- In compliance with EN1154, size 3 and 4
- For single action doors up to 1100mm
- Compact design and slide channel



Characteristics of DC 803

- Can be used for left and right-handed doors
 - Maximum door opening angle 115°
 - Closing and latching speed adjustable via regulating valves
 - Thermodynamic valves for consistent performance
 - Optional hold-open unit
 - Standard colour: Silver
- Silver EV1



Technical details for DC 803

Closing force	Size 3-4
Door width up to	1100mm
Fire and smoke protection	Yes
Door swing directions	Non-handed
Closing speed	Variable between 115°- 15°
Latching speed	Variable between 15°- 0°
Backcheck	No
Height	54mm
Depth	32mm
Length	200mm
In compliance with	EN 1154

Door Closer

DC 824 U

DC 824U

Technical details:

- Concealed into the door leaf or transom profile, the DC824U delivers high performance to support all building users without diluting the impact of your entrance designs.
- The economical rack and pinion technology offers superior durability and temperature tolerance.



Characteristics of DC 824U

- Certified in compliance with UL 228/ULC-S133, UL 10C, size 2-4
- Suitable for fire and smoke protection doors
- For single leaf doors up to 1100 mm width and from 48 mm thickness

- Silver EV1
- Black (similar to RAL 9005)



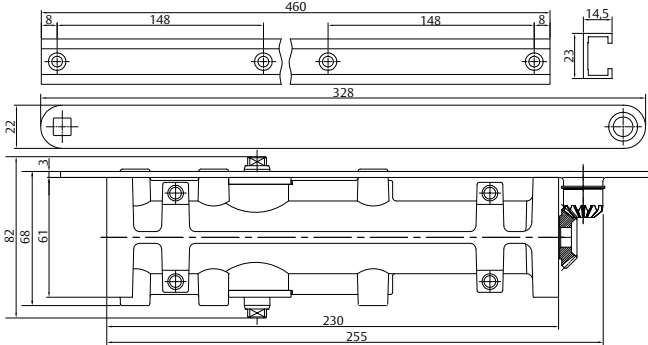
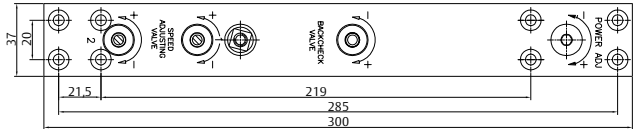
Technical details for DC 824U

Closing force	Size 2-4
Maximum leaf width	1100mm
Minimum leaf thickness	48 mm
Closing speed	Variable between 135° and 7°
Latch speed	Variable between 7° and 0°
Backcheck	Variable above 75°
Maximum opening angle	~135°
Door system	Single leaf
Handing	Left - right-handed
Dimension (H x D x L)	68 x 37 x 255mm
Certified in compliance with	UL 228/ULC-S133, UL 10C
Suitable for fire and smoke protection doors	Yes
Third-party verified EPD	ISO 14025, EN 15804

All dimensions are in mm

Door Closer

DC 824 U



Specification for DC 824U

Specifications for DC 824U

- Can be used for left- and right-handed doors
- Closing and latch speeds can be raised and lowered independently
- Durable metal valves make adjustments reliable
- Consistent performance in a wide range of indoor/ outdoor temperatures
- Backcheck functionality as standard protects frame and surrounding areas

Colour:

- ☐ Silver EV1
- ☐ Customised finish

Our service for you:

Here you can see the individual advantages of our door closer models for your respective fields fo business

Customer segment	Advantages
Project planners	- Extensive range of uses: Fire and smoke protection doors - Fulfils barrier-free building requirements (EA / CEN TR 15894) - Comprehensive functions, standard or optional
Builders	- Quick and easy installation - Quickly and easily adjustable - Suitable for hinge and non-hinge side installations
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	- Easier door opening and improved accessibility due to reapidly decreasing torque - Largely unaffected by temperature fluctuations thanks to thermodynamic valves

Designation / Item

DC824U concealed door closer, size 2-4, silver, Ev1

Order no.

DC824U-----EV1-

Door Closer

DC 830U

DC 830U

Technical details:

- Concealed into the door leaf or transom profile, theDC830U delivers high performance to support all building users without diluting the impact of your entrance designs.
- The rapidly decreasing opening force of Cam-Motion technology ensures doors open with less effort.



Characteristics of DC 830U

- Certified in compliance with UL 228/ULC-S133, UL 10C, size 2-4
 - Suitable for fire and smoke protection doors
 - For single leaf doors up to 1100 mm width and from 44 mm thickness
 - Barrier-free according to CEN/TR 15894
- Silver EV1
- Black (similar to RAL 9005)



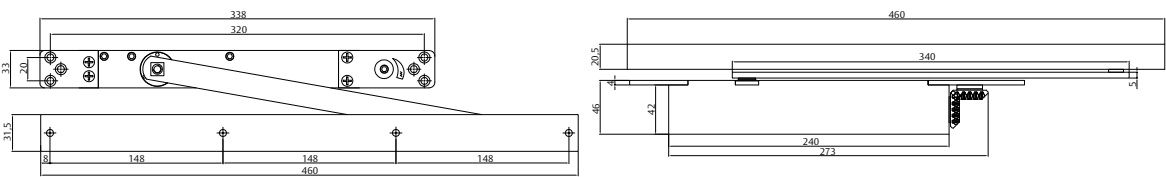
Technical details
for DC 830U

Closing force	Size 2-4
Maximum leaf width	1100mm
Minimum leaf thickness	44 mm
Closing speed	Variable between 120° and 7°
Latch speed	Variable between 7° and 0°
Backcheck	Variable above 75°
Maximum opening angle	~120°
Door system	Single leaf
Handing	Left - right-handed
Dimension (H x D x L)	48 x 33 x 273mm
Certified in compliance with	UL 228/ULC-S133, UL 10C
Suitable for fire and smoke protection doors	Yes
Barrier-free according to	CEN/TR 15894
Third-party verified EPD	ISO 14025, EN 15804

All dimensions are in mm

Door Closer

DC 830U



Specification for
DC 830U

Specifications for DC 830U

- Can be used for left- and right-handed doors
- Closing and latch speeds can be raised and lowered independently
- Durable metal valves make adjustments reliable
- Consistent performance in a wide range of indoor/ outdoor temperatures
- Backcheck functionality as standard protects frame and surrounding areas

Colour:

☐ Silver EV1

☐ Customised finish

Our service for you:

Here you can see the individual advantages of our door closer models for your respective fields fo business

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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	- Easier door opening and improved accessibility due to reapidly decreasing torque - Largely unaffected by temperature fluctuations thanks to thermodynamic valves

Designation / Item

DC830U concealed door closer, size 2-4, silver, Ev1

Order no.

DC830U-----EV1-

Door Coordinator

Accessories

Sequence selector
AFDS-01

Model no.: AFDS-01
Description: AFDS-01 ASSA ABLOY Sequence selector SSS
Suitable for pair of rebated doors
Dimensions: 280mm
Finish: Satin Stainless Steel



AFDS-02

Model no.: AFDS-02
Description: AFDS-02 ASSA ABLOY Gravity door coordinator
Finish: Satin Nickel



Fire Rated Coordinator

Door Coordinator
AC 908

Model no.: AC908
Description: AC98 ASSA ABLOY Gravity type door coordinator
Dimensions: 280mm
Finish: Satin Stainless Steel



AC 912

Model no.: AC912
Description: AC912 ASSA ABLOY Soffit Mounted Door Coordinator
Finish: Satin Chrome



ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.



ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, business and institutions. Our offering includes doors, door and window hardware, locks, access control and service.

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