

Product Catalogue



ASSA ABLOY

2024 - Version 1

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.



Lever Handle

A lever handle is a type of door or cabinet handle that is designed with a lever mechanism for easy operation. It consists of a lever, which is a horizontal or vertical element that can be pushed down or pulled up to engage the mechanism and open or close a door. The lever is usually attached to a spindle that runs through the door or cabinet, connecting both sides of the handle.

Lever Handle Solid Stainless

Stainless Steel Lever Handles

Key features:

- Made of SS 304
- 200,000 cycles tested
- Exclusive range

Benefits:

- High corrosion resistance
- High durability
- Choice of Solid and Tubular lever designs

Technical details:

- Door thickness required - 30mm-50mm
- Spindle - 8mm x 8mm
- Suitable for hinged timber, metal doors
- All lever handles come complete with two euro cylinder escutcheons
- Roses are designed to fit back to back and fixing is concealed by the use of a slip on outer rose
- Finish - US32D

The Stainless Steel door furniture range offers a selection of stylish and durable levers on round rose.



Lever Handle Solid Stainless

Solid Stainless Steel Lever Handle

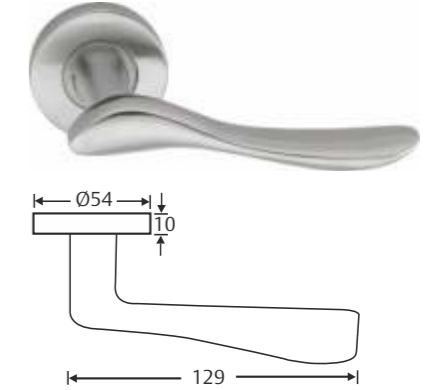


Model no.: ASL - 010

Description: Solid Lever on Rose

Dimensions: Length - 130mm
Spindle: 8mm x 8mm Straight
Spindle Standard
Round Rose: Ø54mm x 10mm

Finish: Satin Stainless Steel - US32D



Model no.: ASL - 020

Description: Solid Lever on Rose

Dimensions: Length - 129mm
Spindle: 8mm x 8mm Straight
Spindle Standard
Round Rose: Ø54mm x 10mm

Finish: Satin Stainless Steel - US32D

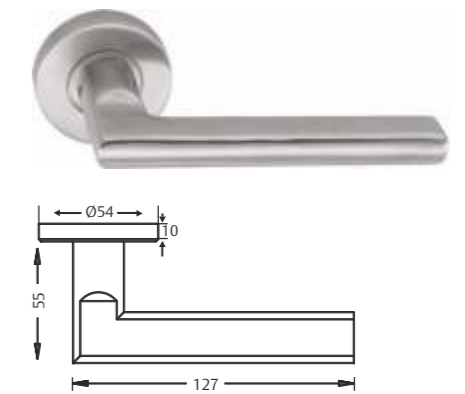


Model no.: ASL - 030

Description: Solid Lever on Rose

Dimensions: Length - 125mm
Spindle: 8mm x 8mm Straight
Spindle Standard
Round Rose: Ø54mm x 10mm

Finish: Satin Stainless Steel - US32D



Model no.: ASL - 040

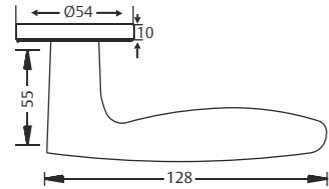
Description: Solid Lever on Rose

Dimensions: Length - 127mm
Spindle: 8mm x 8mm Straight
Spindle Standard
Round Rose: Ø54mm x 10mm

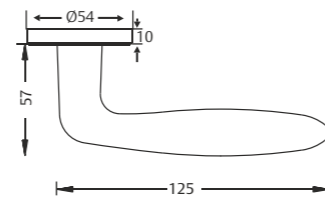
Finish: Satin Stainless Steel - US32D

Lever Handle Solid Stainless

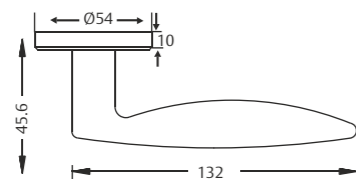
Solid Stainless
Steel Lever Handle



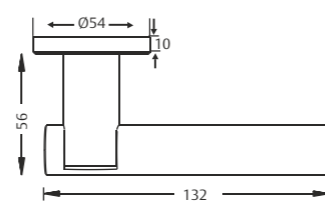
Model no.: ASL - 050
Description: Solid Lever on Rose
Dimensions: Length - 128mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D



Model no.: ASL - 060
Description: Solid Lever on Rose
Dimensions: Length - 125mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D



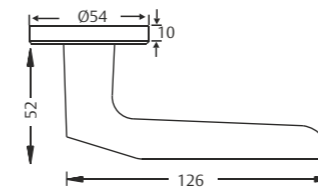
Model no.: ASL - 070
Description: Solid Lever on Rose
Dimensions: Length - 132mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D



Model no.: ASL - 080
Description: Solid Lever on Rose
Dimensions: Length - 132mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D

Lever Handle Solid Stainless

Solid Stainless
Steel Lever Handle



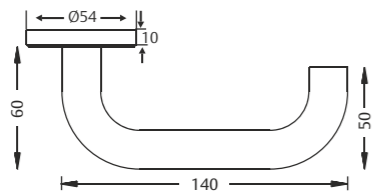
Model no.: ASL - 090
Description: Solid Lever on Rose
Dimensions: Length - 126mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D



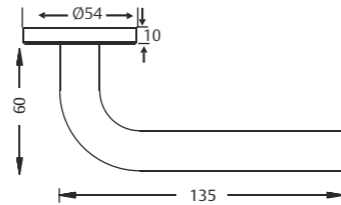
Lever Handle

Tubular Lever Series

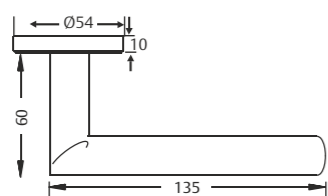
Tubular Stainless Steel Lever Handle



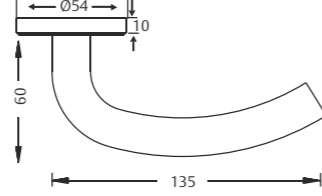
Model no.: ATL - 010 / ATL - 010 WE
Description: Lever on Rose
Dimensions: Length - 140mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D



Model no.: ATL - 020 / ATL - 020 S
Description: Lever on Rose
Dimensions: Length - 135mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D



Model no.: ATL - 030
Description: Lever on Rose
Dimensions: Length - 135mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D

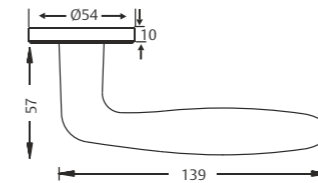


Model no.: ATL - 040
Description: Lever on Rose
Dimensions: Length - 135mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D

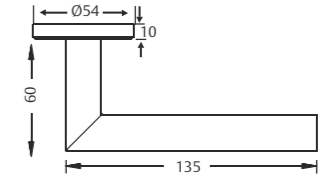
Lever Handle

Tubular Lever Handle

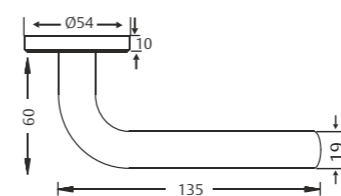
Tubular Stainless Steel Lever Handle



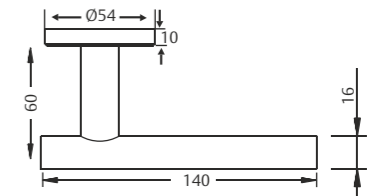
Model no.: ATL - 050
Description: Lever on Rose
Dimensions: Length - 139mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D



Model no.: ATL - 060 / ATL - 060-S
Description: Solid Lever on Rose
Dimensions: Length - 135mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D



Model no.: ATL - 070
Description: Lever on Rose
Dimensions: Length - 135mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D

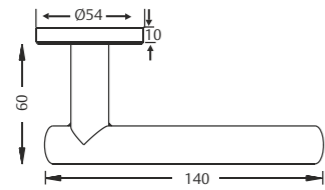


Model no.: ATL - 080
Description: Solid Lever on Rose
Dimensions: Length - 140mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D

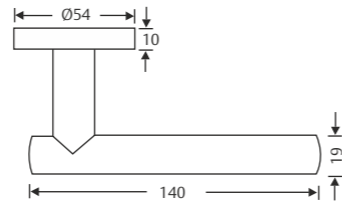
Lever Handle

Tubular Lever Handle

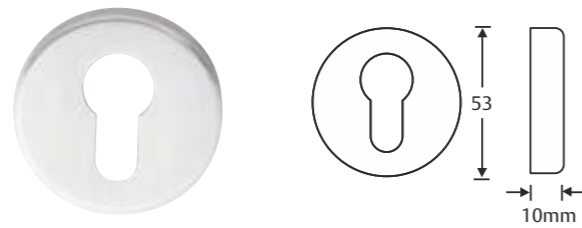
Tubular Stainless Steel Lever Handle



Model no.: ATL - 090
Description: Lever on Rose
Dimensions: Length - 140mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D



Model no.: ATL - 100
Description: Lever on Rose
Dimensions: Length - 140mm
 Spindle: 8mm x 8mm Straight
 Spindle Standard
 Round Rose: Ø54mm x 10mm
Finish: Satin Stainless Steel - US32D

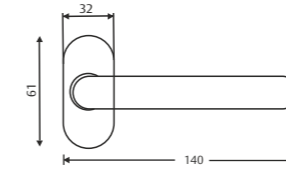


Model no.: AEP - 010
Description: Euro profile cylinder escutcheon
Dimensions: Round Rose: Ø53mm x 10mm
Finish: Satin Stainless Steel - US32D

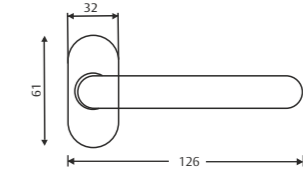
Lever Handle

Narrow Profile Series

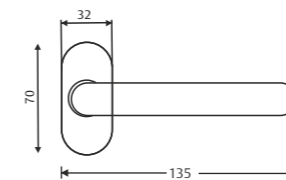
Tubular Stainless Steel Lever Handle



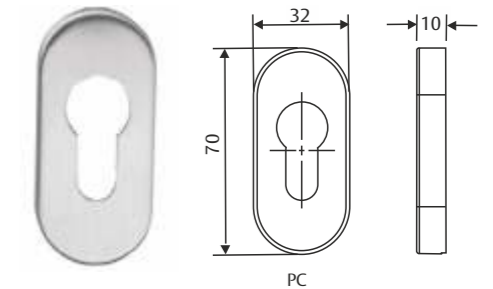
Model no.: ATL - 201
Description: Lever on with narrow profile rose
Dimensions: Length - 140mm
 Oval Rose: 61mm x 32mm -
 Ø19.8mm x 10mm
Finish: Satin Stainless Steel - US32D
 Matt Black
 ● SS ● Matt Black



Model no.: ATL - 202
Description: Lever on with narrow profile rose
Dimensions: Length - 126mm
 Oval Rose: 61mm x 32mm -
 Ø19.8mm x 10mm
Finish: Satin Stainless Steel - US32D
 Matt Black
 ● SS ● Matt Black



Model no.: ATL - 203
Description: Lever on with narrow profile rose
Dimensions: Length - 135mm
Finish: Satin Stainless Steel - US32D

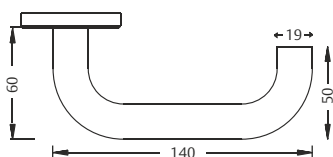


Model no.: AEP - 050
Description: Narrow profile escutcheons
Dimensions: Length - 70mm, width - 32mm
Finish: Satin Stainless Steel - US32D
 Matt Black
 ● SS ● Matt Black

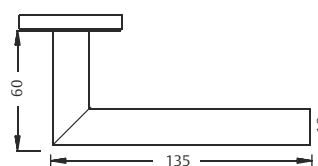
Lever Handle

Hygieneplus+Anti-Bacteria Range

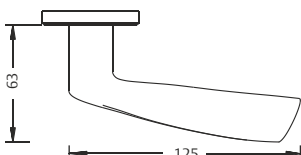
Hygieneplus+ Coating Lever Handle



Model no.: AALP - 010
Description: Lever Handle with Hygieneplus+ Coating
Dimensions: Length - 140mm
Spindle: 8mm x 8mm Straight
Spindle Standard
Round Rose: Ø53mm x 8mm
Finish: Satin Stainless Steel with Hygieneplus+ Coating



Model no.: AALP - 020
Description: Lever Handle with Hygieneplus+ Coating
Dimensions: Length - 135mm
Spindle: 8mm x 8mm Straight
Spindle Standard
Round Rose: Ø53mm x 10mm
Finish: Satin Stainless Steel with Hygieneplus+ Coating



Model no.: AALP - 030
Description: Lever Handle with Hygieneplus+ Coating
Dimensions: Length - 125mm
Spindle: 8mm x 8mm Straight
Spindle Standard
Round Rose: Ø53mm x 8mm
Finish: Satin Stainless Steel with Hygieneplus+ Coating



Mortise Lockcase

A mortise lock is a type of locking mechanism installed within a mortise pocket in the edge of a door. It consists of a lock body containing the internal components like the latch and deadbolt, which are operated by a key. Mortise locks offer robust security and durability due to their construction, making them suitable for both residential and commercial applications. The trim set, including the knob or lever handles, complements the functionality of the mortise lock.

Mortise Lock

L100 Series Feature & Benefits

Mortise Lock case L100 Series

Application

ASSA ABLOY L100 Series Mortise Lock is designed for high frequency usage applications such as public access buildings where deliberate abuse likely takes place

Specifications and Features

- Modular case across functions for rapid door prepping and installation
- 72mm centers, backset in 50/55/60/65mm
- 8mm follower with spindle gripping function
- Reversible latchbolt in solid stainless steel
- Double throw deadbolt in solid stainless steel with 20mm Projection
- Suitable for sprung and most un-sprung lever furniture
- Stainless steel faceplate and strike in square and radius version (radius version improves door prep efficiency with machine routing)
- Compatible with bolt through furniture and escutcheons of 38mm centers



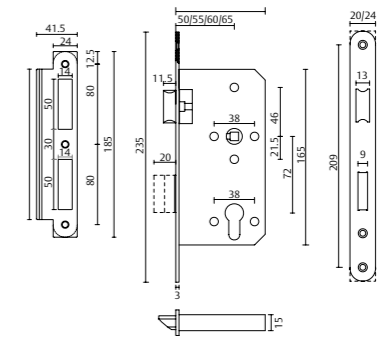
Mortise Lockcase Sash Lock

Model no.: L101

Description: Suitable for latched doors requiring deadbolt locking security.

EN 12209: 2003 Classification

3 X 8 1 0 G 3 B C 2 0



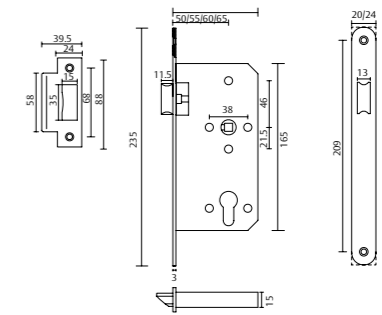
Mortise Lockcase Latch lock

Model no.: L102

Description: Suitable for latched doors remaining unlocked at all times.

EN 12209: 2003 Classification

3 X 8 1 0 G - B 0 2 0



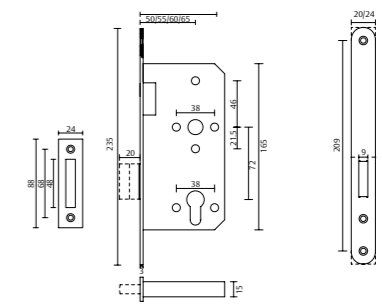
Mortise Lockcase Dead Lock

Model no.: L103

Description: Suitable for unlatched doors with deadbolt locking security.

EN 12209: 2003 Classification

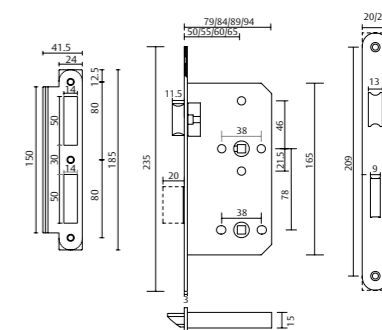
3 X 8 1 0 G 3 B C 0 0



Mortise Lockcase Bathroom lock

Model no.: L105

Description: Suitable for bathroom door with deadbolt locking privacy. Emergency unlocking provided by coin release slot.



Mortise Lock

L200 Series Feature & Benefits

Mortise Lock case L200 Series

Application

ASSA ABLOY L200 Series Mortise Lock is designed for medium frequency usage applications.

Specifications and Features

- Modular case across functions for rapid door prepping and installation
- 72mm centers, backset in 50/55/60/65mm
- 8mm follower with spindle gripping function
- Reversible latchbolt in solid stainless steel
- Double throw deadbolt in solid stainless steel with 20mm Projection
- Suitable for sprung and most un-sprung lever furniture
- Stainless steel faceplate and strike in square and radius version (radius version improves door prep efficiency with machine routing)
- Compatible with bolt through furniture and escutcheons of 38mm centers
- Matching finish on latchbolt and deadbolt



Mortise Lockcase Sash Lock

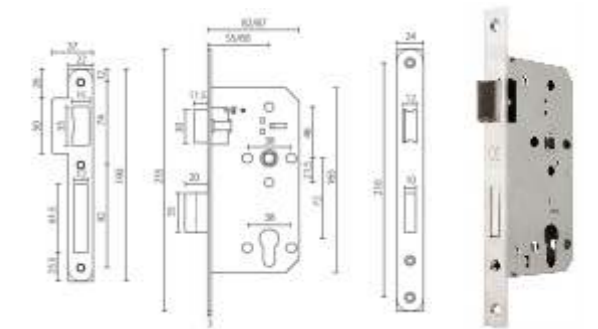
Model no.: L201

Description: Sashlock/Entry

Application: Suitable for latched doors requiring deadbolt locking security.

EN 12209: 2003 Classification

2	S	7	1	0	G	3	B	C	2	0
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Mortise Lockcase Latch Lock

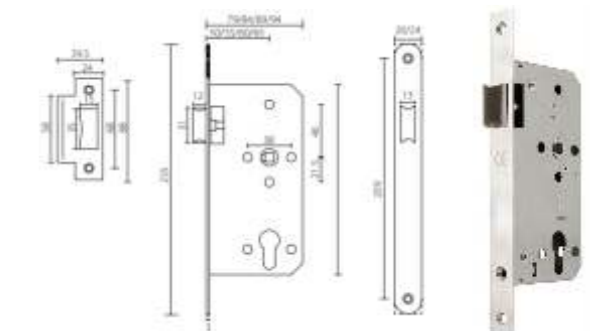
Model no.: L202

Description: Latch/Passage

Application: Suitable for latched doors remaining unlocked at all times

EN 12209: 2003 Classification

2	S	7	1	0	G	-	B	0	2	0
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Mortise Lockcase Dead Lock

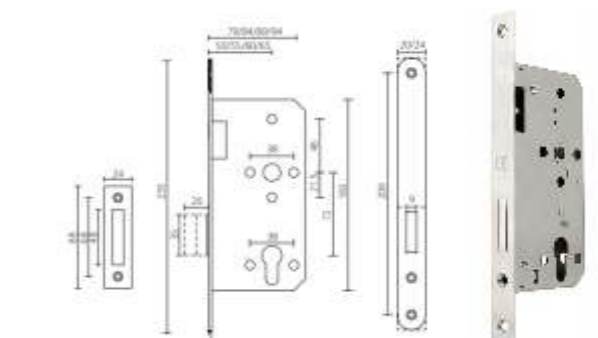
Model no.: L203

Description: Deadlock

Application: Suitable for unlatched doors with deadbolt locking security

EN 12209: 2003 Classification

2	S	7	1	0	G	3	B	C	0	0
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Mortise Lock

L300 Series Feature & Benefits

Mortise Lock case L300 Series

Key features:

- Fire tested to EN1634-1
- Approved by Warrington Certifire
- Non-Handed- Latch Reversible

Benefits:

- High corrosion resistance
- Versatile usage
- High durability
- Can be used for fire doors

Standard & Certification

Technical details:

- Center to center - 72mm
- Backset - 45mm
- 8mm Centered Steel Follower
- Fits standard cam euro profile cylinder
- Double throw projection deadbolt - 20mm
- Suitable for sprung and un-sprung lever furniture
- Suitable for hinged timber, metal and fire doors
- All mortise lockcase contain suitable strike plate and screws

Fire rated EN1634 EN 12209

The range of ASSA ABLOY mortise lockcases consists of various functions to meet the most enhanced security and locking requirements



Mortise Lockcase Sashlock/Entrance Lockcase

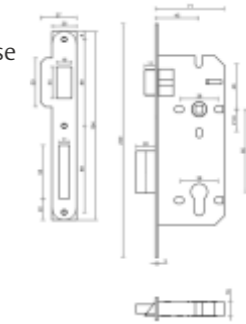
Model no.: L301

Description: ASSA ABLOY Euro Mortise Sashlock Lockcase
Backset: 45mm
C to C: 85mm

Finish: SSS - Satin Stainless Steel
SN - Satin Nickel
* Other Finishes available upon request

EN 12209: 2003 Classification

2	M	4	1	0	C	3	B	C	2	0
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Mortise Lockcase Passage Latch Lockcase

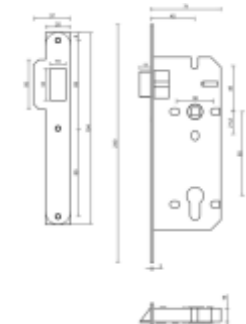
Model no.: L302

Description: ASSA ABLOY Mortise Passage Latch Lock
Backset: 45mm
C to C: 85mm

Finish: SSS - Satin Stainless Steel
SN - Satin Nickel
* Other Finishes available upon request

EN 12209: 2003 Classification

2	M	4	1	0	C	-	B	0	2	0
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Mortise Lockcase Deadlock Lockcase

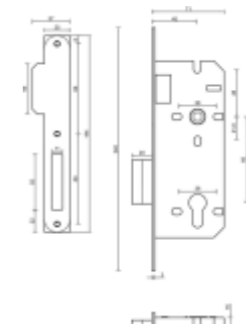
Model no.: L303

Description: ASSA ABLOY Euro Mortise Deadbolt Lock
Backset: 45mm
C to C: 85mm

Finish: SSS - Satin Stainless Steel
SN - Satin Nickel
* Other Finishes available upon request

EN 12209: 2003 Classification

2	M	4	1	0	C	3	B	C	0	0
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Mortise Lock

N1550 Sash lock for fire doors

Mortise Lock case N1550 Series

Product description

One System sash lock N1550 according to EN 12209 for single-leaf doors / approved for fire barriers according to EN 1634 / product-specific environmental product declaration (EPD) according to EN 15804 with article-specific parameters / tested for 1,000,000 cycles and 300 kg door weight

Overview of Advantages

- Environmental product declaration (EPD) in accordance with EN 15804
- Tested for 1,000,000 cycles and 300 kg door weight
- Compliance with EN 12209
- Small rear backset 15 mm
- Continuous screw connection of escutcheons
- Suitable espagnolette integrated in the strike plate
- 20 mm bolt throw with a single rotation
- Also available as a fire protection version
- Latch DIN left/right reversible without tools
- Closed lock case at the top and bottom
- Stainless steel faceplate
- Security fittings and oval roses can be screwed on through the lock
- Deadbolt with anti-tampering design
- Developed for Euro profile cylinder and Swiss round Profile cylinder

Note

- For U-shaped versions, the end caps are included in the scope of supply. Please note: for U-shaped versions, the backset is shortened by 1mm.

Technical data

Backset	30, 35, 40, 45 mm
Distance	92 mm (prepared for Euro profile cylinders)
Face plate shape	U-shaped face plate: U6 x 24 mm Flat face plate: F3 x 20 mm, F3 x 24 mm, R3 x 20 mm, R3 x 24 mm
Material face plate	Stainless steel
DIN direction	DIN L/R (symmetrical face plate)
Bolt throw	20 mm
Standards	EN 12209
Face plate length	185, 270, 320 mm (depending on version)
Door type	Aluminium/steel profile
Functions	mechanical
door system	Single-leaf door
Screw type	Mortise lock
Fire protection	Yes
Leaf type	Active door leaf



Mortise Lock

Sliding Door Lockcase

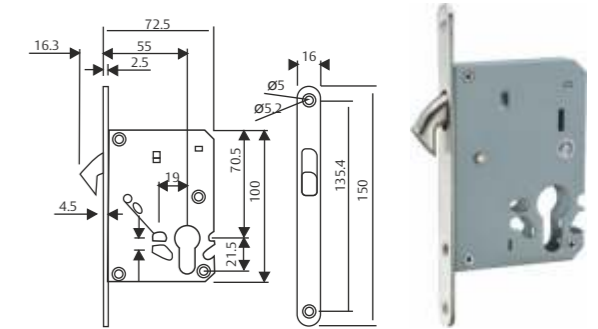
Mortise Lockcase Sliding door lock

Model no.: ASLD-02

Description: ASLD-02 ASSA ABLOY Euro mortise sliding door lockcase

Dimensions: 167 mm x 21 mm x 66 mm

Finish: Satin Stainless Steel



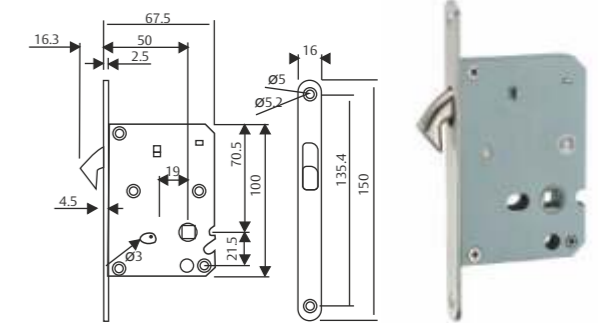
Mortise Lockcase Sliding door lock

Model no.: ASLD-03

Description: ASLD-03 ASSA ABLOY Euro mortise sliding door lockcase with spindle follower for lock with spindle follower

Dimensions: 167 mm x 21 mm x 66 mm

Finish: Satin Stainless Steel



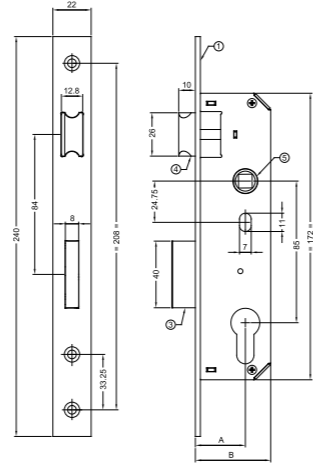
Mortise Lock

Narrow Stile Mortise Lock

Mortise Lockcase AA 2400 Series

- Model no.:** AA 2403 2585 / AA2403 3085 / AA2403 3585
- Description:** AA2403 ASSA ABLOY Narrow stile Mortise Sash Lock
- Material Specification:**
- Front Plate: SS202 Grade
 - Striker Plate: SS202 Grade
 - Dead bolt: Zinc
 - Latch bolt: Zinc
- Finish:** Satin Stainless Steel
Matt Black
- SS ● Matt Black

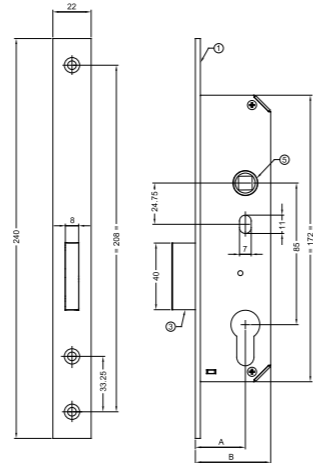
DIMENSION CHART			
SR NO	BST	DIM 'A'	DIM 'B'
1	25 mm	25	35.2
2	30 mm	30	40.2
3	35 mm	35	45.2



Mortise Lockcase AA 2400 Series

- Model no.:** AA 2404 2585 / AA2404 3085 / AA2404 3585
- Description:** AA2404 ASSA ABLOY Narrow stile Mortise Dead Lock
- Material Specification:**
- Front Plate: SS202 Grade
 - Striker Plate: SS202 Grade
 - Dead bolt: Zinc
- Finish:** Satin Stainless Steel
Matt Black
- SS ● Matt Black

DIMENSION CHART			
SR NO	BST	DIM 'A'	DIM 'B'
1	25 mm	25	35.2
2	30 mm	30	40.2
3	35 mm	35	45.2





Floor Spring

Use state-of-the-art technology

Floor Spring-Overview of functions										
Models	EN SIZE	Door max. width (mm)	Max. weight of door	Applications	opening	Back Check	Single action	Double action	Hinge Distance (mm)	Dimension L x D x H (mm)
DC475	EN3-6	950-1400	<300kg	Heavy doors high traffic doors, exterior doors		Mechanical	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	36-42	345 x 78 x 82
DC477	EN2-4	850-1100	<170kg	Recommended exterior & Interior doors		Mechanical	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	54-57	277 x 110 x 70
AF-224P	EN2-4	850-1100	<150kg	Recommended exterior & Interior doors		-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	49-54	319 x 82 x 49.5

Floor Spring

A floor spring, also known as a floor hinge or floor closer, is a type of door hardware installed in the floor beneath a door to control its opening and closing motion. It consists of a spring mechanism housed in a metal casing, along with hydraulic or pneumatic components that regulate the speed and force of the door. Floor springs are concealed beneath the floor surface, providing a sleek and unobtrusive appearance while ensuring smooth and controlled door operation.

Floor Spring Feature & Benefits

Floor spring

Key features:

- Non-handed system
- Fire rated options
- Up to 1 million cycles tested
- Concealed mounting
- Cam Motion system

Benefits:

- Versatile usage
- High durability
- Suitable for fire doors
- Modern & compact design
- Energy conservation

Standard & Certification

EN1154
CE marked

Technical details:

- Various power sizes
- Suitable for wood, glass, metal and fire rated door
- Available finishes - SSS, PSS and customized finishes available on request

Technical details:

- Back-check
- Hold-open
- Controlled closing speed
- Thermodynamic valves
- Independent hydraulic circuit

This new range of product is based on a new modular concept and a common design, under a unique platform for both premium and standard floor spring.



Floor Spring with Cam Motion® technology and adjustable closing force for large or very heavy doors

Model no.: DC 475

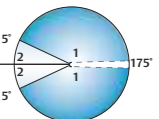
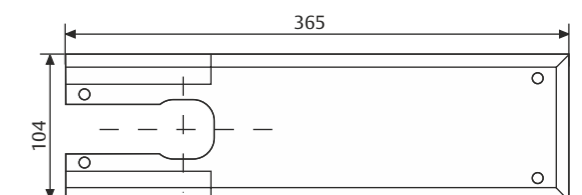
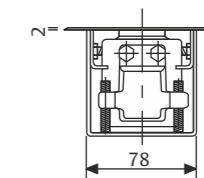
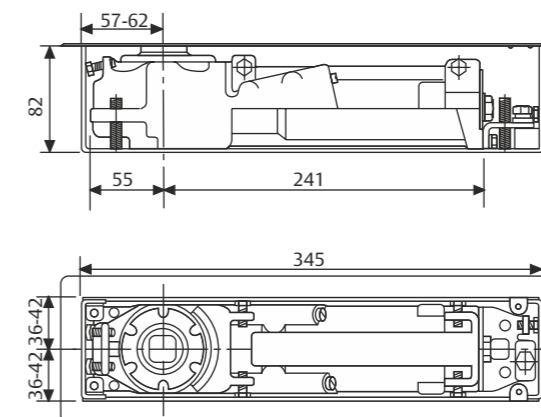
- Floor spring with adjustable closing force for large and very heavy doors
- In compliance with EN1154 size EN3-6
- 1,000,000 cycles tested
- Suitable for fire and smoke protection doors
- For single and double action door up to 300kg

Characteristics of DC475

- Closing from 175° in both door swing directions with hydraulic control from 175°
- Two thermodynamic valves for consistent performance
- Adjustable door speed and latching speed through top regulating valves
- Back-check
- Cast Iron body
- Adjustments in all directions within the cement box
- Cement box is hot zinc plated
- Cover plates and eyelets made in polished or Satin Stainless Steel and Polished Brass
- Interchangeable spindle from 0 to 30mm
- Available without hold-open or with hold-open angle 90° and 105°

Speed adjustment:

- 1 variable closing speed 175° - 15°
- 2 variable latching speed 15° - 0°



Floor Spring DC 475

DC475 Technical details

Adjustable closing force closing force	EN 3-6
Door width up to	1400mm
Door weight up to	300 kg
Max. opening angle	175°
Closing speed	Variable between 175° - 15°
Latching speed	Variable between 15° - 0°
Back-check	Mechanical
Weight	7.3 Kg
Height	82 mm
Depth	345 mm
Length	78mm
Body adjustment within cement box	Vertical 9mm, side 6mm, front 5mm, angular 2°
DIN-direction	Left/Right-handed doors or double action
Hold-open mode	90°/105°/Non hold-open
In compliance with	EN1154
CE Marking for building products	Yes
Fire and smoke protection	Yes

Our service for you

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

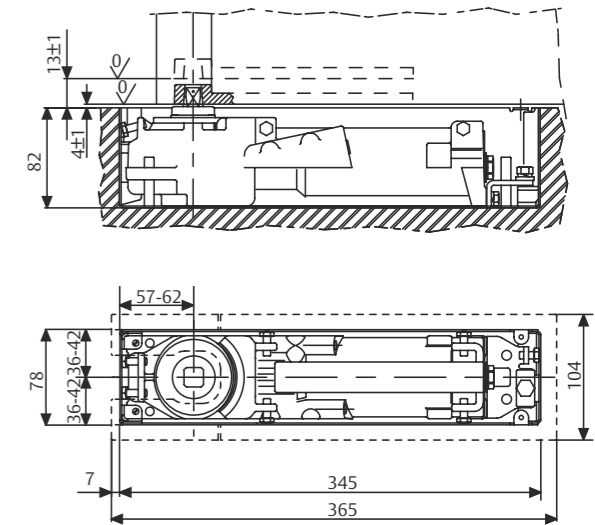
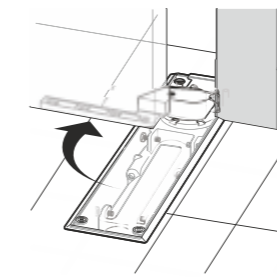
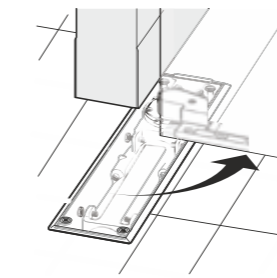
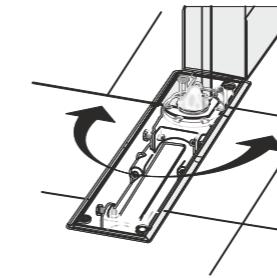
The advantages at a glance:

Customer segment	Advantages
Project planners	<ul style="list-style-type: none"> - Extensive range of uses: Fire and smoke protection doors as well as standard doors - Hold-open at 90°, 105° and non hold-open - Variety of available spindles: squared Italian, rectangular German - Architectural finishes: Cover plates and eyelets in Polished Satinless Steel Polished Brass
Builders	<ul style="list-style-type: none"> - Universal for left/right handed and double-action doors - Overpressure relief valve to protect unit against abuse - Large range of adjustment within cement box to solve possible alignment problems on the site without taking down the door
Trade	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - Adjustable operating force to meet door construction requirements and user needs - Easier door opening and improved accessibility due to Cam Motion® technology - Back-check feature offers optimum protection for doors and walls

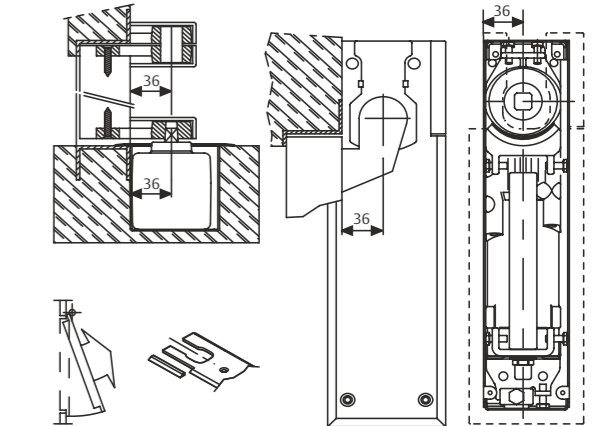
Floor Spring DC 475

Floor Spring Dimensional Drawing for DC 475

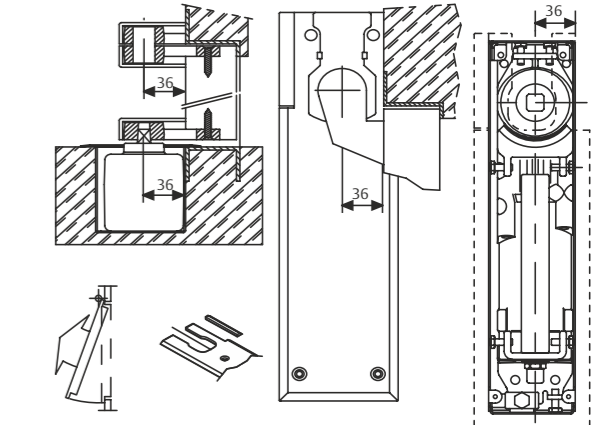
Double-action door mounting



Right-handed door mounting



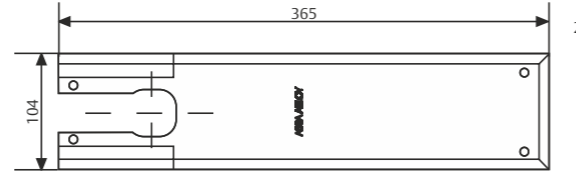
Left-handed door mounting



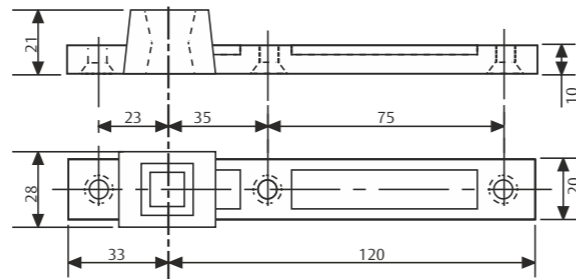
Floor Spring DC 475

Floor Spring Accessories for DC475

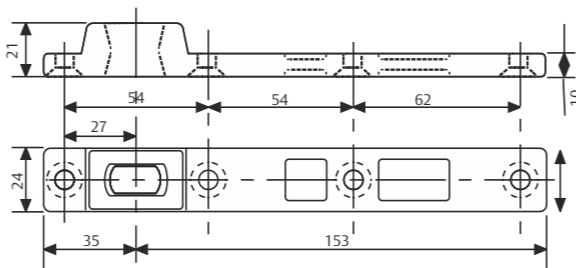
AC 269
Available in Satin
Satinless Steel, Polished
Satinless Steel and
Polished Brass.



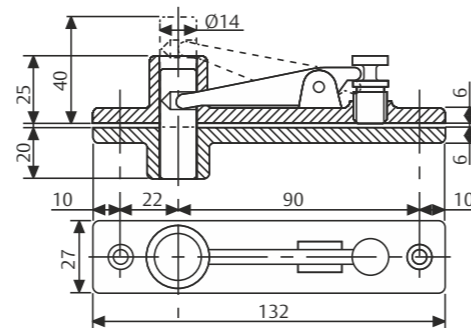
AC 115
Reversible bottom
arm in steel for double
action doors, socket for
Italian squared spindle



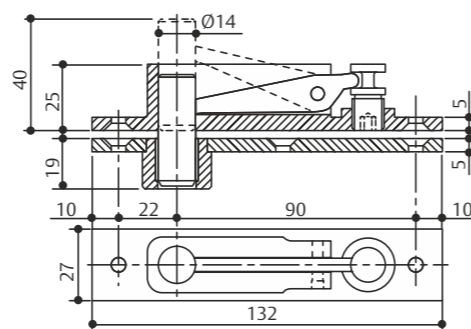
AC 393
Reversible bottom
arm in steel for double
action doors, socket for
German rectangular
spindle



AC 8
Double action top pivot



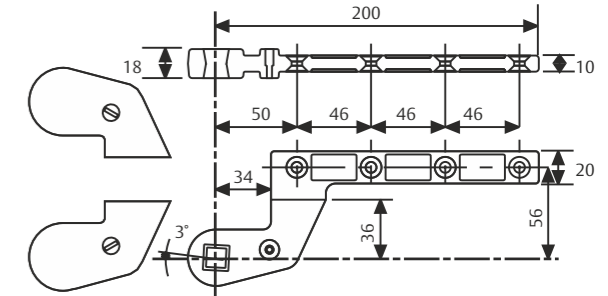
AC375
Double action top pivot
in full steel with self
lubricating bushing



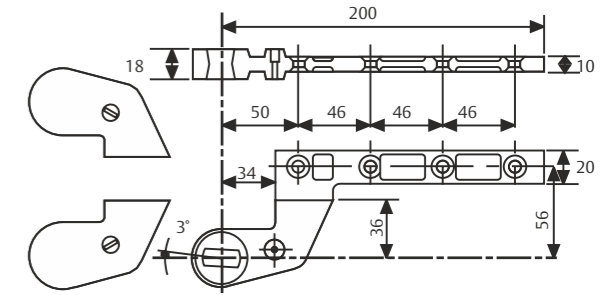
Floor Spring DC 475

Floor Spring Accessories for DC475

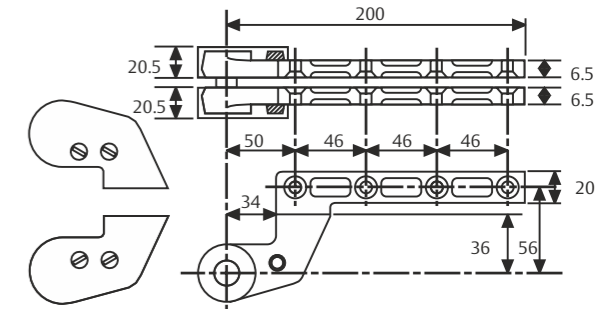
AC 583
Right and left bottom
arm in steel for single
-action doors, 36mm
offset. Socket for italian
squared spindle, Silver
or Black painted,



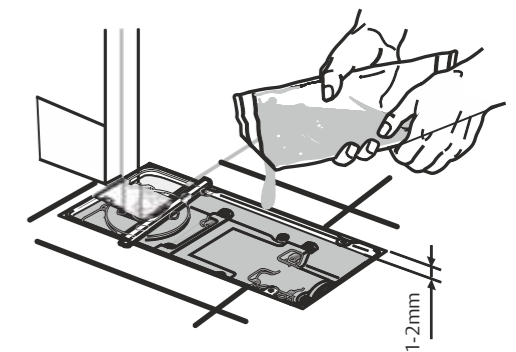
AC 392
Right and left bottom
arm in steel for single
action doors, 36mm
offset, socket for
German rectangular
spindle, Silver and Black
painted ABS covers.



AC 384
Right and left top arm in
full steel, 36mm offset
with Silver or Black
painted ABS cover.



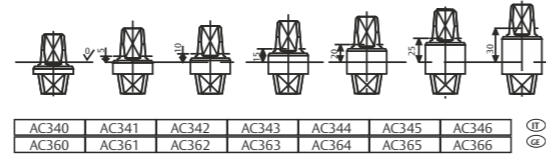
AC612
Sealing compound for
floor springs



Floor Spring DC 475

Floor Spring
Accessories and
order placement
information for
DC475

Detachable spindles
Italian spindle - square
shape (left image)
German spindle - flate -
conical shape
(right image)



You can find the
complete specification
on the internet
at: www.assaabloy.com
under "Service"
in the support
section.

Specifications for DC475:

- ASSA ABLOY Floor spring DC475 featuring Cam Motion® technology is in compliance with EN1154
- 1,000,000 cycles tested
 - Closing power variable adjustable, size EN3-6, for doors up to 1400mm wide
 - Closing speed, latching speed adjustable through top regulating valves
 - CE approved
 - 9mm height adjustable within cement box
 - Suitable for left/right handed double-action doors

Colour:

- Polished Satinless Steel
- Satin Satinless Steel
- Polished Brass

Accessories:

- AC115 - Reversible bottom arm Italian spindle
- AC393 - Reversible bottom arm German spindle
- AC8 - Double action top pivot
- AC375 - Double action top pivot
- AC583 - Right and left bottom arm. Socket for Italian square spindle.
- AC392 - Right & left bottom arm. Socket for German rectangular spindle.
- AC384 - Top pivot for left or right doors
- AC612 - Sealing compound for floor springs
- AC269 - Cover plate for DC475

Floor Spring DC 477

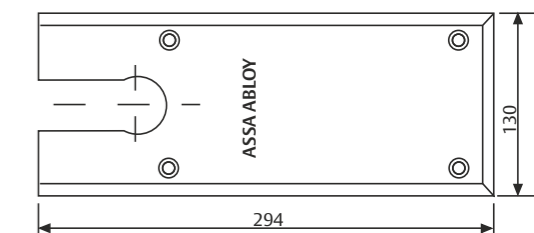
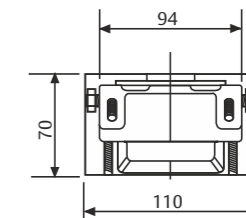
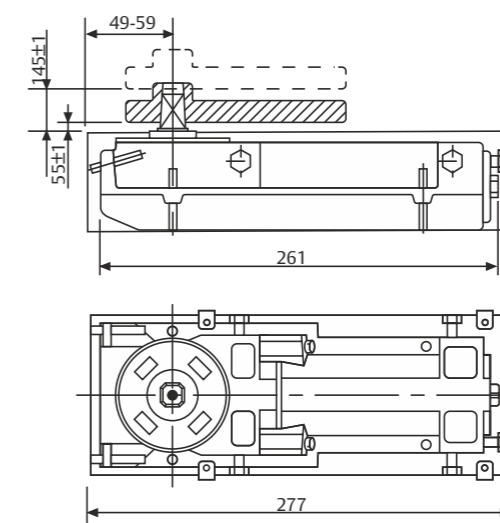
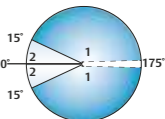
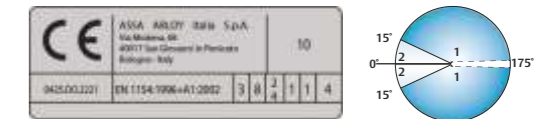
Floor Spring with
Cam Motion®
technology and
adjustable closing
force for large or very
heavy doors

Model no.: DC 477

- Floor spring with adjustable closing force for large and very heavy doors
- In compliance with EN1154 size EN2-4
- 1,000,000 cycles tested
- Suitable for fire and smoke protection doors
- For single and double action door up to 170kg

Characteristics of DC477

- Closing from 175° in both door swing directions with hydraulic control from 150°
- Two thermodynamic valves for consistent performance
- Adjustable door speed and latching speed through top regulating valves
- Back-check
- Cast Iron body
- Adjustments in all directions within the cement box
- Cement box is hot zinc plated
- Cover plates and eyelets made in polished or Satin Satinless Steel and Polished Brass
- Interchangeable spindle from 0 to 30mm
- Available without hold-open or with hold-open angle 90° and 105°



All dimensions are in mm

Floor Spring DC 477

DC477 Technical details

Adjustable closing force	EN 2-4
Door width up to	1100mm
Door weight up to	170 kg
Max. opening angle	175° (Max, 150° in case of no hold-open)
Closing speed	Variable between 150° - 15°
Latching speed	Variable between 15° - 0°
Back-check	Mechanical
Weight	5.4 kg
Height	70 mm
Length	277mm
Width	110mm
Body adjustment within cement box	Vertical 9mm, side 4mm, front 10mm, angular 4°
DIN-direction	Left/Right-handed doors or double action
Hold-open mode	90°/105°/Non hold-open
In compliance with	EN1154
CE Marking for building products	Yes
Fire and smoke protection	Yes

Our service for you

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

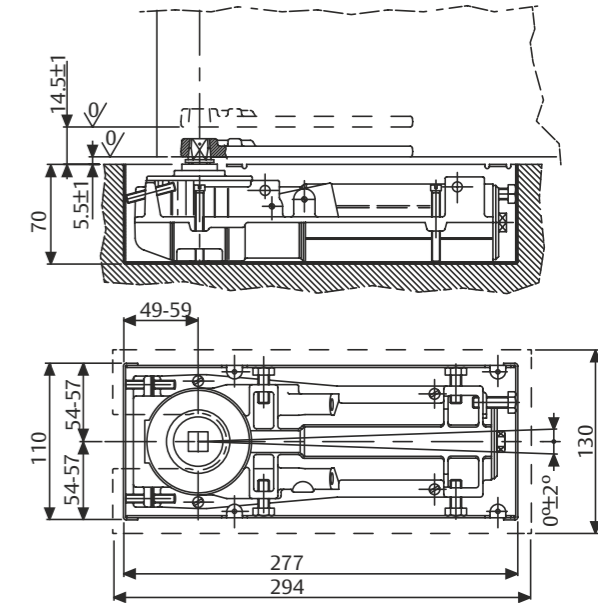
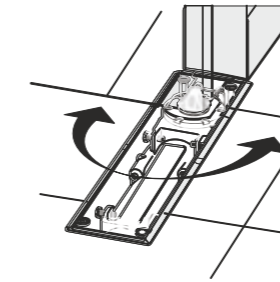
The advantages at a glance:

Customer segment	Advantages
Project planners	<ul style="list-style-type: none"> - Extensive range of uses: Fire and smoke protection doors as well as standard doors - Hold-open at 90°, 105° and non hold-open - Variety of available spindles: squared Italian, rectangular German - Architectural finishes: Cover plates and eyelets in Polished Satinless Steel Polished Brass
Builders	<ul style="list-style-type: none"> - Universal for left/right handed and double-action doors - Overpressure relief valve to protect unit against abuse - Large range of adjustment within cement box to solve possible alignment problems on the site without taking down the door
Trade	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - Ideal for residential interiors, thanks to adjustable opening/closing force that makes opening/closing easy - Adjustable operating force to meet door construction requirements and user needs - Easier door opening and improved accessibility due to Cam Motion® technology - Back-check feature offers optimum protection for doors and walls

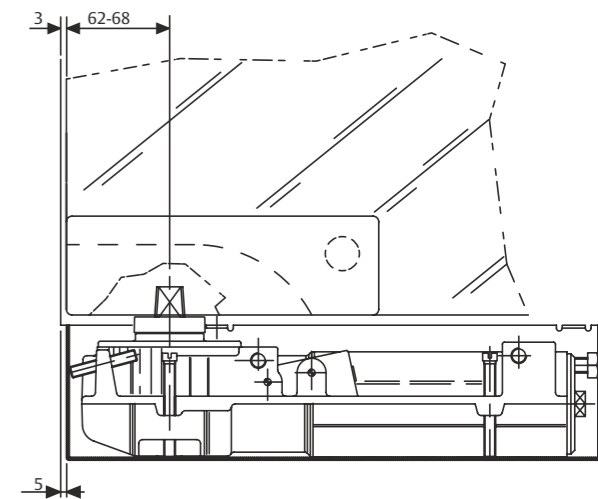
Floor Spring DC 477

Floor Spring Dimensional Drawing for DC 477

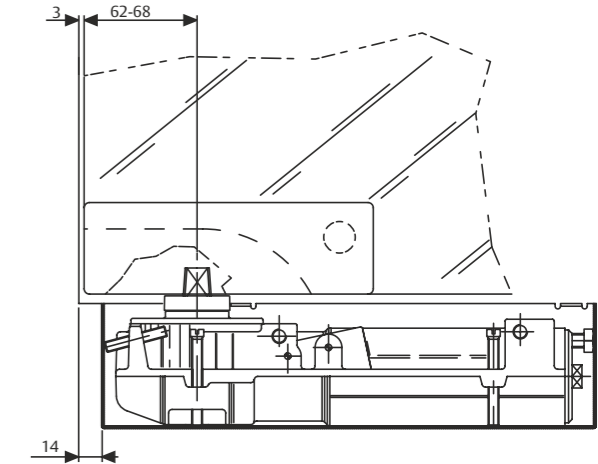
Double-action door mounting



Right-handed double-action door with patch fitting V500 bottom hinge for centre-hung doors



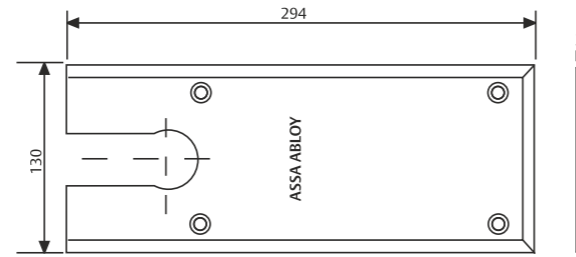
Left-handed double-action door with patch fitting V500 bottom hinge for centre-hung doors



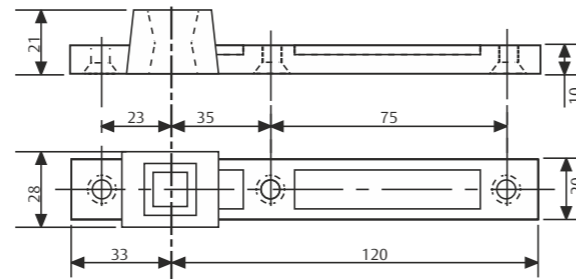
Floor Spring DC 477

Floor Spring Accessories for DC477

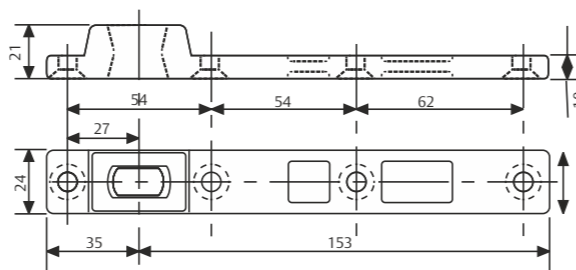
AC 534
Available in Satin
Satinless Steel, Polished
Satinless Steel and
Polished Brass.



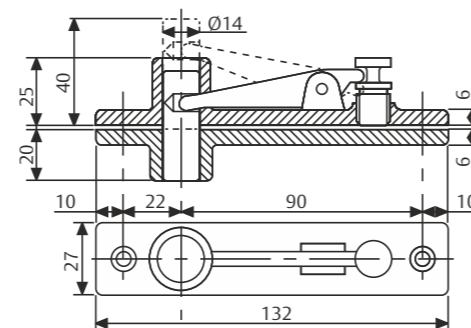
AC 115
Reversible bottom
arm in steel for double
action doors, socket for
Italian squared spindle



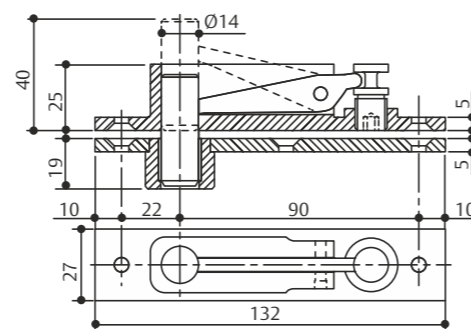
AC 393
Reversible bottom
arm in steel for double
action doors, socket for
German rectangular
spindle



AC 8
Double action top pivot



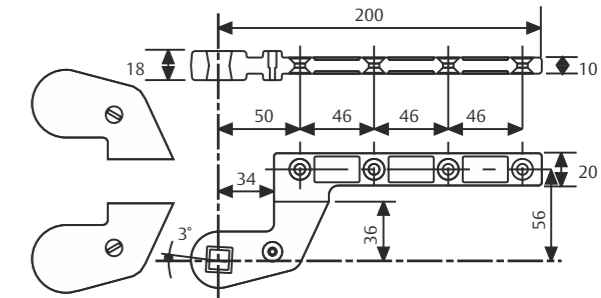
AC375
Double action top pivot
in full steel with self
lubricating bushing



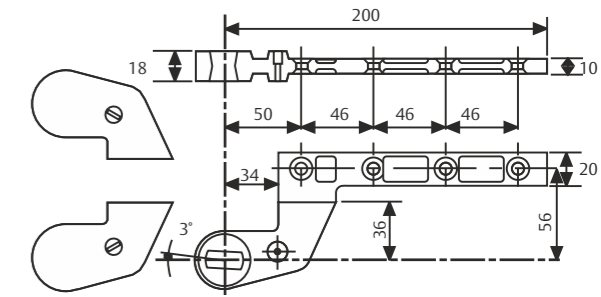
Floor Spring DC 477

Floor Spring Accessories for DC477

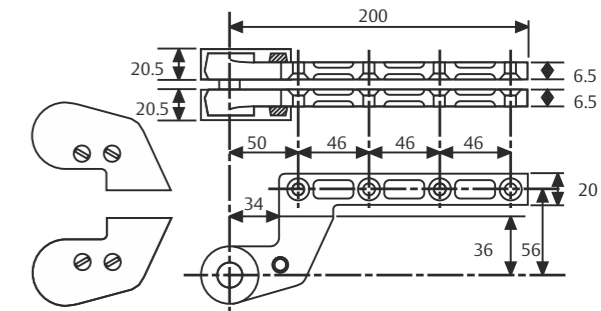
AC 583
Right and left bottom
arm in steel for single
-action doors, 36mm
offset. Socket for italian
squared spindle, Silver
or Black painted,



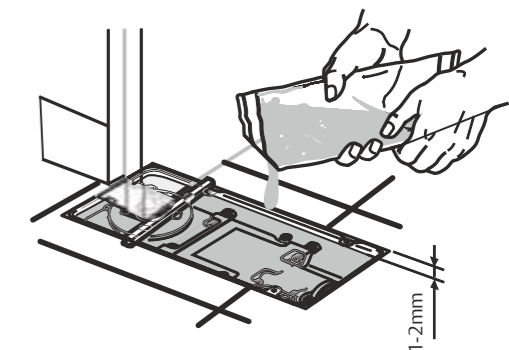
AC 392
Right and left bottom
arm in steel for single
action doors, 36mm
offset, socket for
German rectangular
spindle, Silver and Black
painted ABS covers.



AC 384
Right and left top arm in
full steel, 36mm offset
with Silver or Black
painted ABS cover.



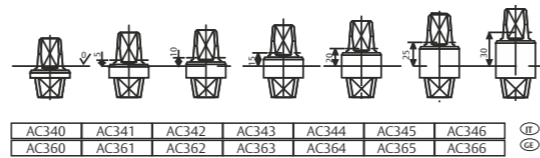
AC612
Sealing compound for
floor springs



Floor Spring DC 477

Floor Spring
Accessories and
order placement
information for
DC477

Detachable spindles
Italian spindle - square
shape (left image)
German spindle - flate -
conical shape
(right image)



You can find the
complete specification
on the internet
at: www.assaabloy.com
under "Service"
in the support
section.

Specifications for DC477:
ASSA ABLOY Floor spring Dc477 featuring
Cam Motion® technology is in compliance with
EN1154

- 1,000,000 cycles tested
- Closing power variable adjustable, size EN2-4,
for doors up to 1100mm wide
- Closing speed, latching speed adjustable
through top regulating valves
- CE approved
- 9mm height adjustable within cement box
- Suitable for left/right handed double-action
doors

Colour:

- Polished Satinless Steel
- Satin Satinless Steel
- Polished Brass

Accessories:

- AC115 - Reversible bottom arm Italian spindle
- AC393 - Reversible bottom arm German spindle
- AC8 - Double action top pivot
- AC375 - Double action top pivot
- AC583 - Right and left bottom arm. Socket for
Italian square spindle.
- AC392 - Right & left bottom arm. Socket for
German rectangular spindle.
- AC384 - Top pivot for left or right doors
- AC612 - Sealing compound for floor springs
- AC537 - Cover plate for DC477
- Ac534 - Cover plate for DC477

Floor Spring Ordering matrix and replaceable spindle calculation

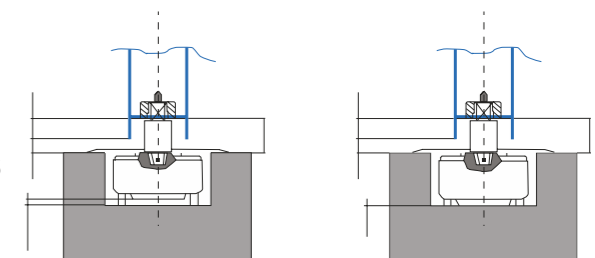
Springs. The table below shows how to choose the correct replaceable spindle. The distance between the door leaf and the floor can be
nlarged if needed by means of various heights of replaceable spindles.

Cover plate													
Floor Spring	EN Size	Hold open	Article Number	CE	Max. door leaf width	Max. door leaf weight	Max. opening angle	Double/Single action	Interior/Exterior	Polished Brass	Satin Stainless Steel	Polished Stainless Steel	Cealing Compound
DC475	EN3-6	90°-105°	DCE7490TSR	CE	≤1400mm	300kg	15°/0°/15°	Single action Double action	Interior + Exterior	DCA0269PR	DCA0269HR	DCA0269IR	MA061250
			DCE7490TSR										
			DCE7490TSR										
DC477	EN2-4	90°-105°	DCE7980TSR	CE	≤1100mm	170kg	15°/0°/15°	Single action Double action	Interior + Exterior	DCA053PR	DCA0534HR	DCA0534IR	MA061250
			DCE7960TSR										
			DCE7910TSR										





Floor Spring	HA min	HA max	AC340/ AC360	AC341/ AC361	AC342/ AC362	AC343/ AC363	AC344/ AC364	AC345/ AC365	AC346/ AC366	X	X min	
	DC477	5.5mm	15mm	0mm	5mm	10mm	15mm	20mm	25mm	30mm	5.5mm	45mm
DC475	4mm	13.5mm								4mm	43.5mm	











Legend:
HA = Height adjustment within the cement box
SH = Spindle Height
X = Floor clearance

Formula Example
 $X = HA + SH$ $X = 34.5mm$ **Floor Spring = DC420** **HA min = 5.5** **HA max = 10.5**
 $34.5mm = (5.5mm \text{ or } 10.5mm) + SH$;
SH max = 29mm AC345/AC365;
SH min = 24.5mm AC344/AC364



Floor Spring Ordering Assistance

Extended Spindle (0-30mm)				
Spindle Type	Square type (Italian)		Flat-conical type (German)	
				
Extension	Name	Art. no.	Name	Art. no.
0mm	AC360	MA0360S0	AC340	MA0340S0
5mm	AC361	MA0361S0	AC341	MA0341S0
10mm	AC362	MA0362S0	AC342	MA0342S0
15mm	AC363	MA0363S0	AC343	MA0343S0
20mm	AC364	MA0364S0	AC344	MA0344S0
25mm	AC365	MA0365S0	AC345	MA0345S0
30mm	AC366	MA0366S0	AC346	MA0346S0

Single / Double	Top Pivot				Bottom Pivot					
	Single Action	Double Action			Single Action	Double Action				
Pivot Name	A384	A8	A118	A375	AC583	AC392	AC2	AC213	AC115	AC393
										
Material	Steel	Zamac	Zamac	Steel	Steel	Steel	Brass	Steel	Steel	Steel
Adjustable			Adjustable							
Max.Door Weight					≤300kg	≤100kg	≤170kg			≤300kg
Spindle type										
		MA038400 - Silver MA038430 - Black	MA000850	MA011850 MA037550	MA058300 - Silver MA058330 - Black	MA039200 - Silver MA039230 - Black	MA000250	MA021350	MA011550	MA039350

Cover plate in
Polished Brass, Satin
Stainless steel and
Polished Stainless
Steel:



Floor Spring AF 224P

Floor Spring AF-224P

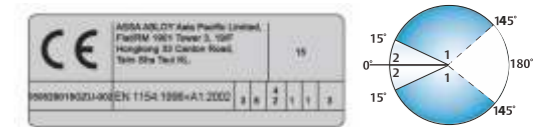
Model no.: AF-224P

- Floor spring with adjustable closing force for very thin slab
- Certified En1154, size EN2-4
- 5,000,000 cycles tested
- Suitable for fire and smoke protection doors
- Maximum door weight 150kg

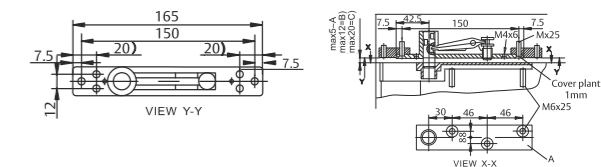


Characteristics of AF-200F

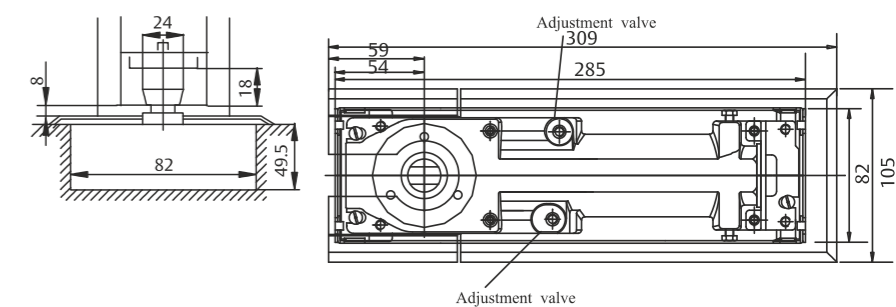
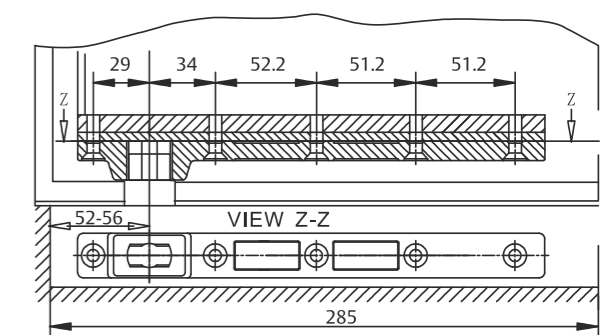
- CE Mark product
- Easy installation with thin body design
- Closing speed adjustable (1) - 145° -15°
- Latching speed (2) - 15°-0°
- Standard 90° hold-open, optional - Non hold-open
- Maximum door weight 150kg
- Suitable for wooden/glass/Aluminium profile doors application
- Body adjustable inside cement box with height up to 4mm, width up to 4mm, length up to 4mm



Top of door frame



Bottom of door frame



All dimensions are in mm

Floor Spring AF 224P

AF-224P Technical details

Adjustable closing force closing force	EN 2-4
Door width up to	850mm - 1100mm
Door weight up to	150 kg
Max. opening angle	145°
Closing speed	Variable between 145° - 15°
Latching speed	Variable between 15° - 0°
Back-check	No
Height	49.5 mm
Length	319mm
Width	82mm
Body adjustment within cement box	Body adjustable inside cement box with height up to 4mm, width up to 4mm, length up to 4mm
DIN-direction	Left/Right-handed doors or double action
Hold-open mode	90° Non hold-open
In compliance with	EN1154
CE Marking for building products	Yes
Fire and smoke protection	Yes

Our service for you

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

The advantages at a glance:	
Customer segment	Advantages
Project planners	<ul style="list-style-type: none"> - Extensive range of uses: Fire and smoke protection doors as well as standard doors - Particularly suitable in case of double-action glass doors - Recommended for thin slabs - Hold-open at 90° and non hold-open - Available with high quality rectangular German spindle - Architectural finishes: Satin Satinless Steel
Builders	<ul style="list-style-type: none"> - Universal for left/right handed and double-action doors - Large range of adjustment within cement box to solve possible alignment problems on the site without taking down the door
Trade	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - Easier door opening and improved accessibility due to Cam Motion® technology

Floor Spring Accessories

AC2004F-TP AC224P-TP

Model no.: AC200F-TP
Description: Top Pivot (Iron-double action) for AC-200F

Model no.: AC224P-TP
Description: Top Pivot (Iron-double action) for AF-224P



AC200FA/B-C AC224PA/B-C

Model no.: AC200A/B-C
Description: Top Pivot Arm (Iron-double action)
Standard parts for AF-200F

Model no.: AC224PA/B-C
Description: Top Pivot Arm (Iron-double action)
Standard parts for AF-224P

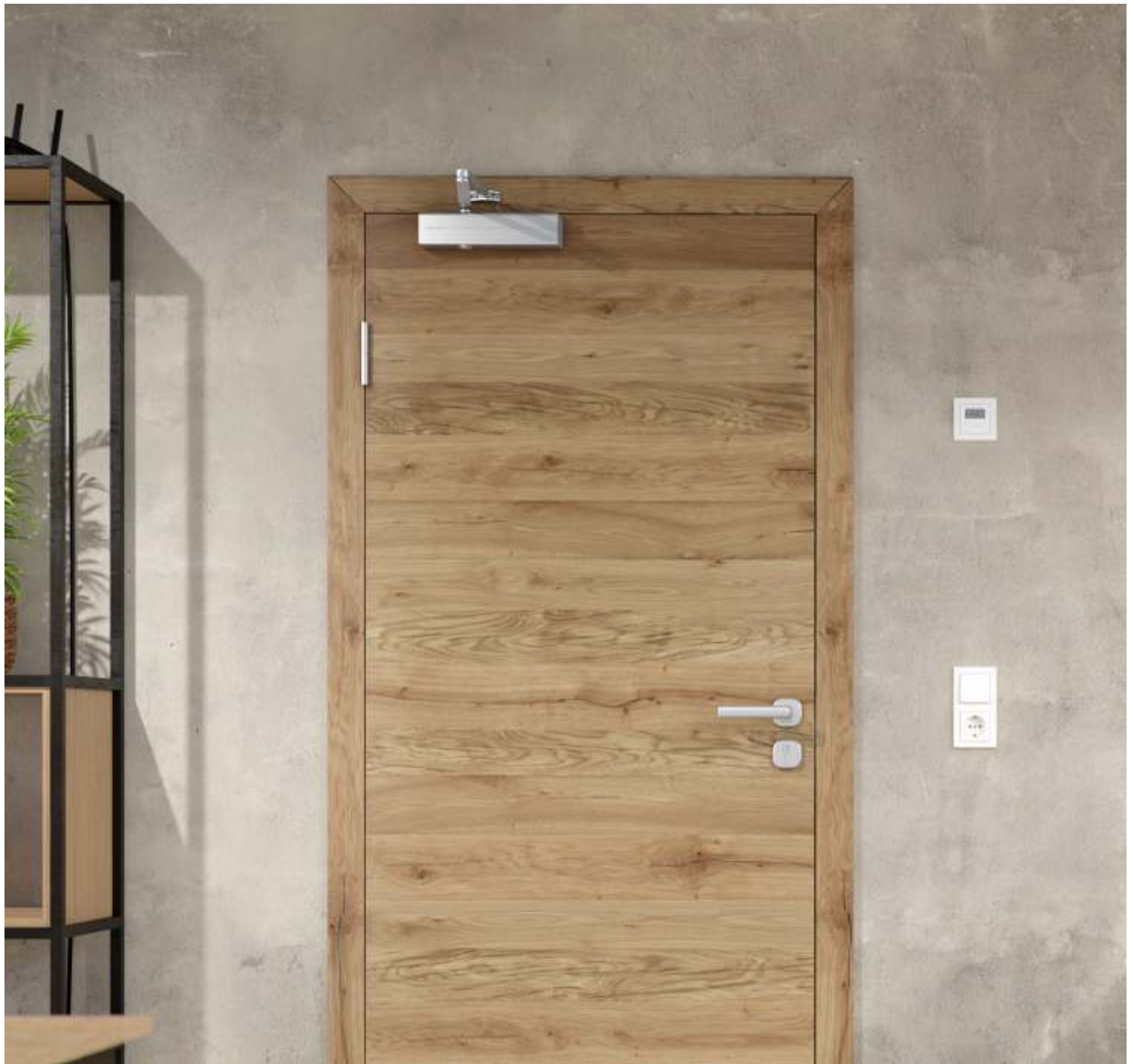


AC200FA/B-O AC224PA/B-O

Model no.: AC200FA/B-OR, AC200FA/B-OL
Description: Top Pivot Arm (Iron-double action)
Standard parts for AF-200F

Model no.: AC224PA/B-OR, AC224PA/B-OL
Description: Top Pivot Arm (Iron-double action)
Standard parts for AF-224P





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

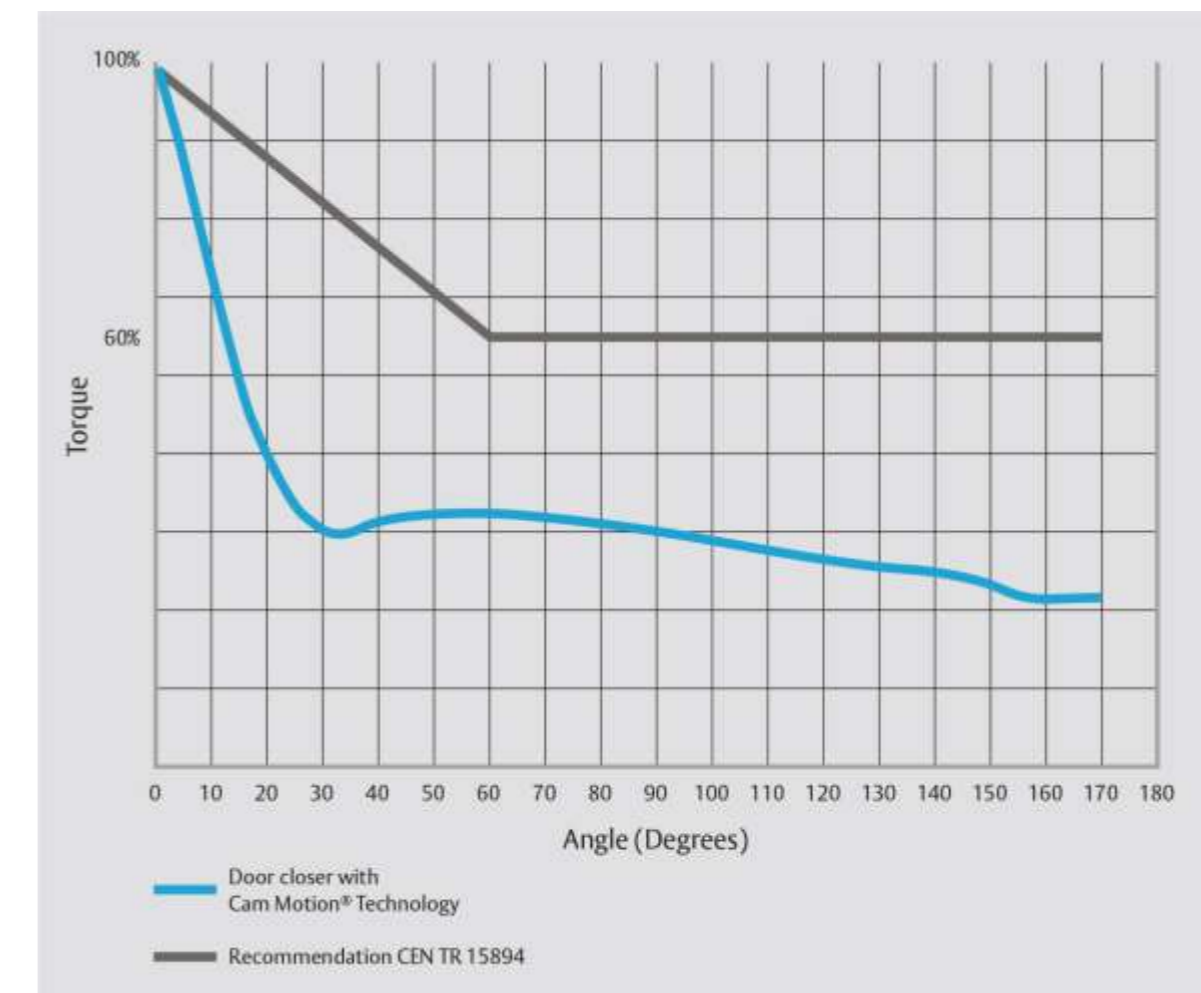
Cam-motion® Technology

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)

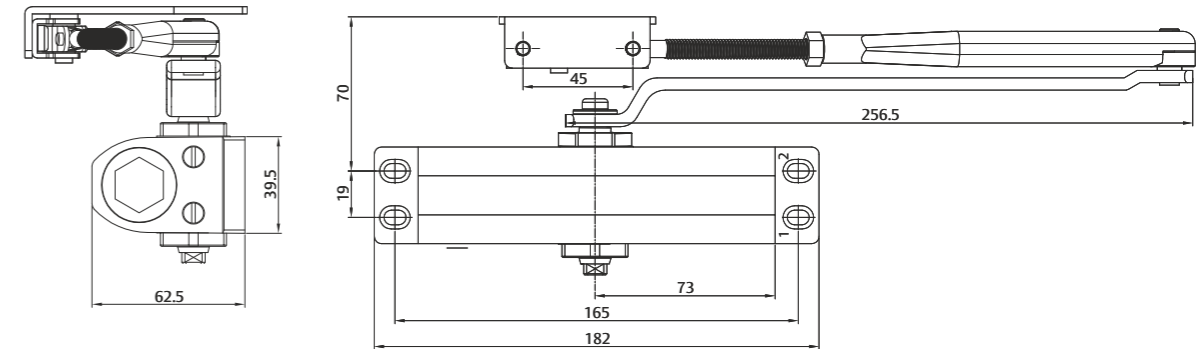


Technical details for DC 105U

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	Variable 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

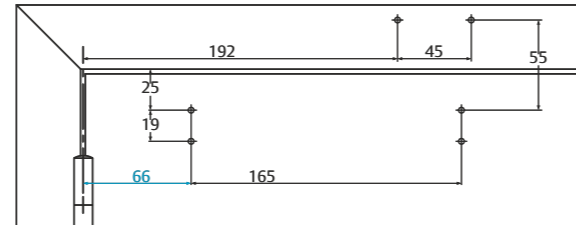
Door Closer

Accessories and order placement information

Dimensional drawing and order placement information

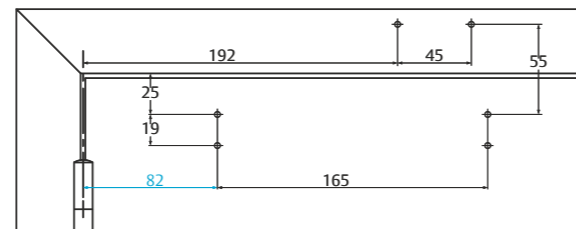
Installation dimension for link arm application size 2

Left handed show in diagram
Right handed is the reverse



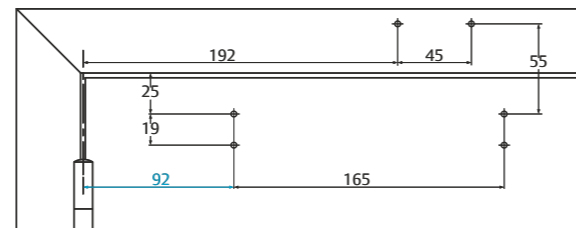
Installation dimension for link arm application size 3

Left handed show in diagram
Right handed is the reverse



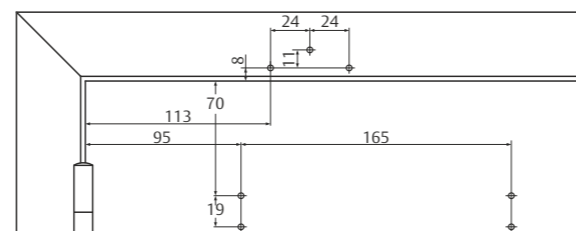
Installation dimension for link arm application size 4

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 105U Link 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

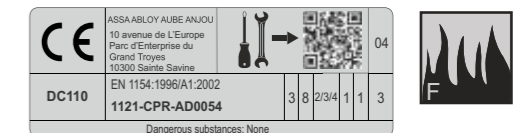
Technical details:

- 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:

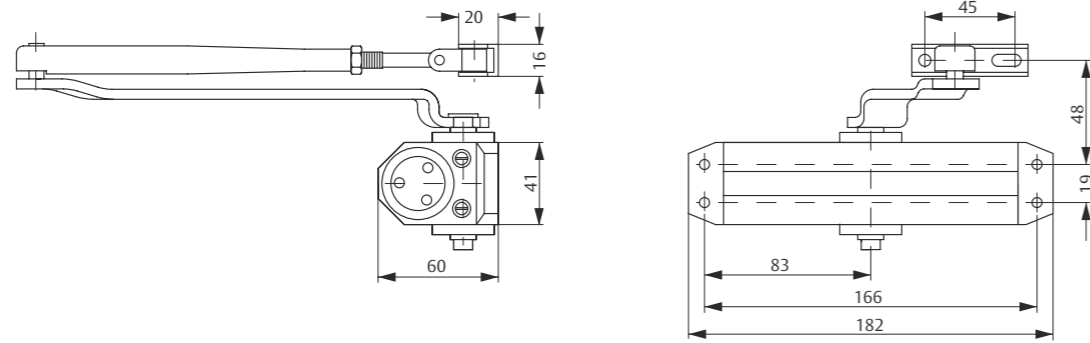
- Can be used for left and right-handed doors
- Suitable for fire and smoke protection doors
- Closing and latching speed adjustable via regulating valves
- Thermodynamic valves for consistent performance
- Standard colours: silver EV1; white, similar to RAL9016; black, similar to RAL9005



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 CE making for building products	EN 1154 Yes

Door Closer DC 110



Specification for 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

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:

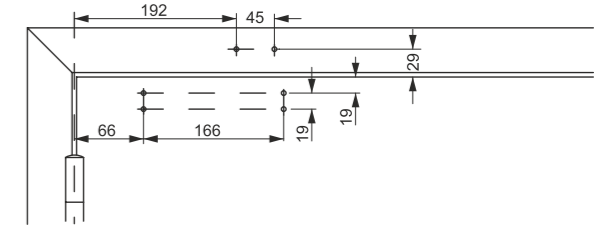
Customer segment	Advantages
Project planners	Compact design Favorable prices, reliable closer model
Builders	Quick and easy installation Suitable for left and right-handed doors Easy to adjust
Trade	Inexpensive closer model for standard doors All inclusive package with door closer and link arm
User	Largely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

Door Closer Accessories and order placement information

Dimensional drawing and order placement information

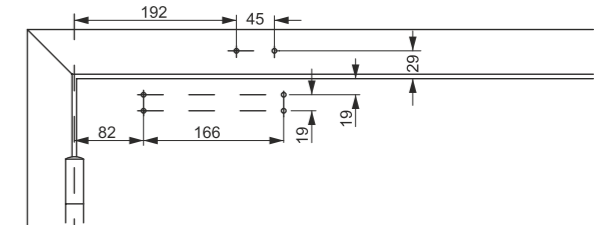
Installation dimension size EN 2

Left handed show in diagram
Right handed is the reverse



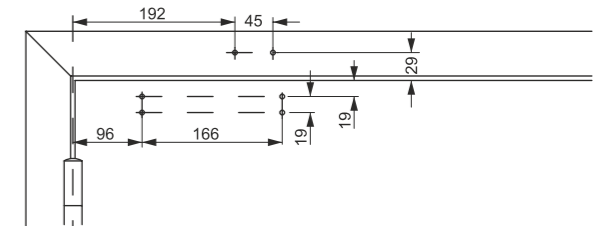
Installation dimension EN 3

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

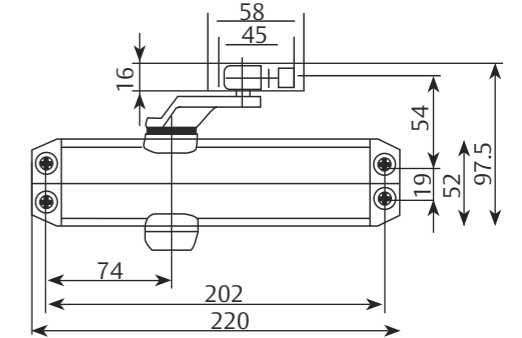
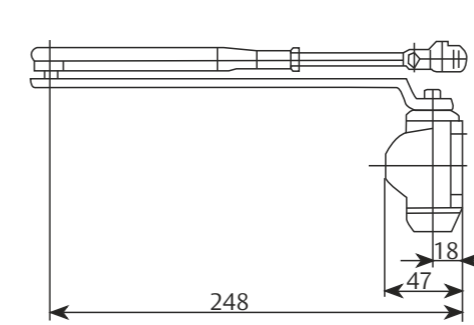


Technical details for DC 120

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

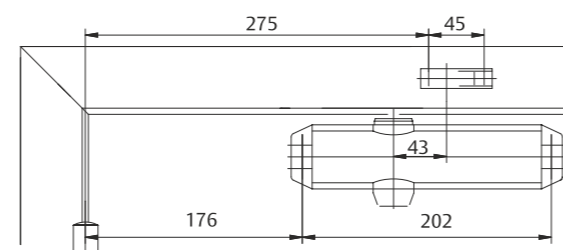
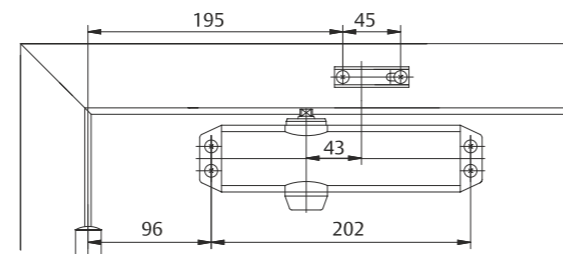
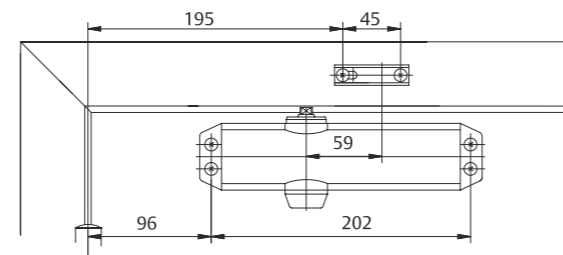
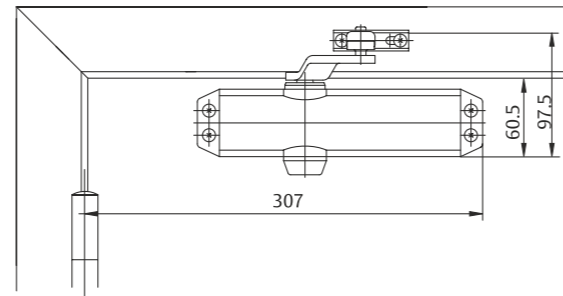
Left handed show in diagram
Right handed is the reverse

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



DC 140

Door Closer DC 140

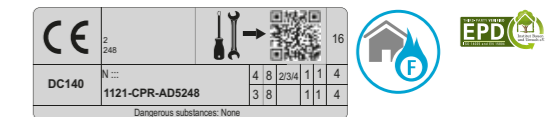
Technical details:

- 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, similar to RAL9016; brown, similar to RAL8014; black, similar to RAL9005

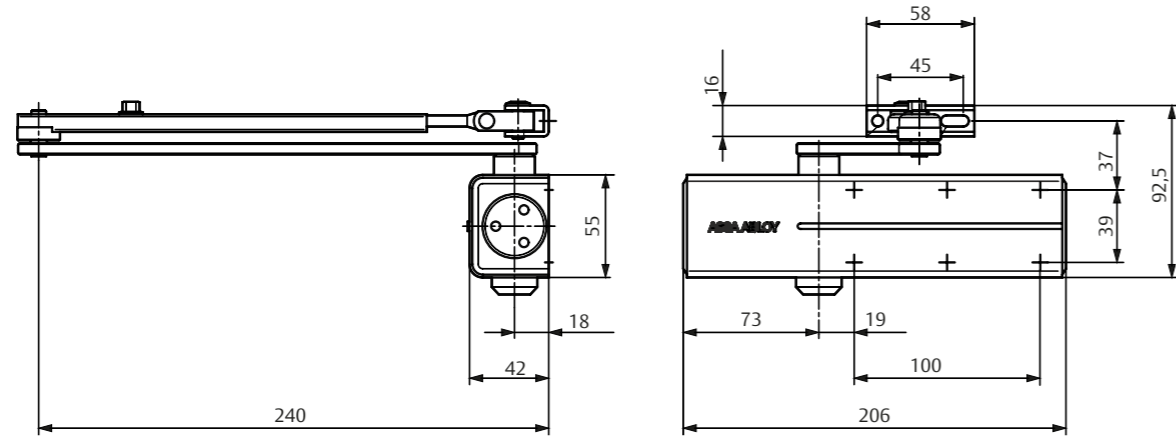


Technical details for DC 140

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

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

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 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

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

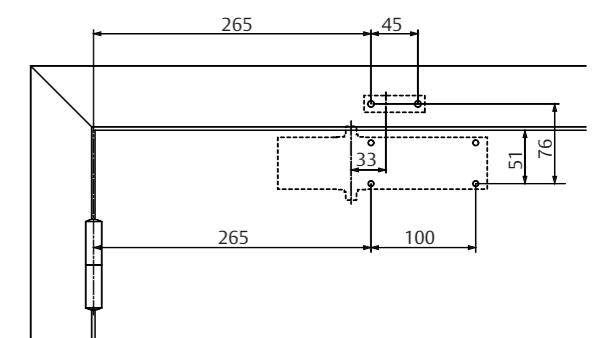
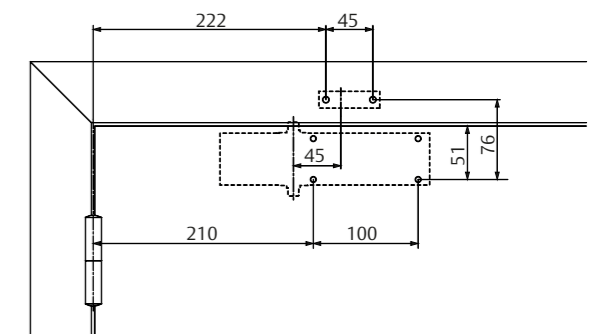
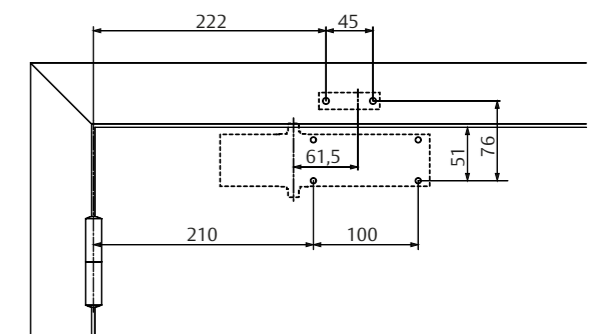
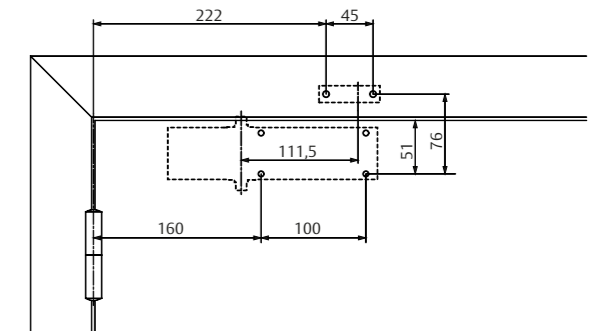
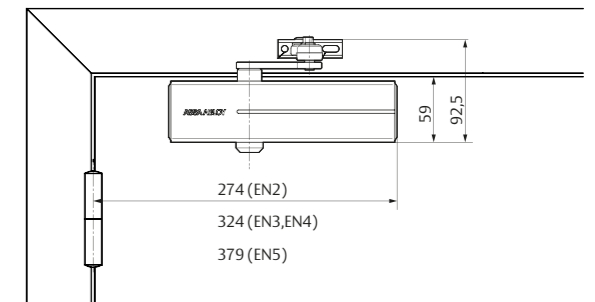
Left handed show in diagram
Right handed is the reverse

Installation dimension EN 4

Left handed show in diagram
Right handed is the reverse

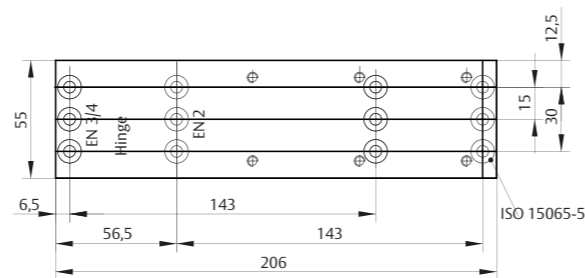
Installation dimension EN 5

Left handed show in diagram
Right handed is the reverse



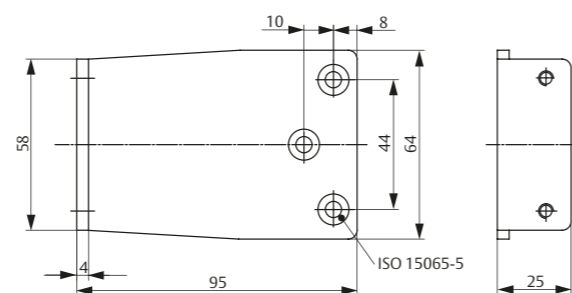
Door Closer DC 140

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

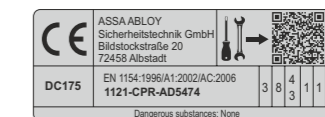
Technical details:

- 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:

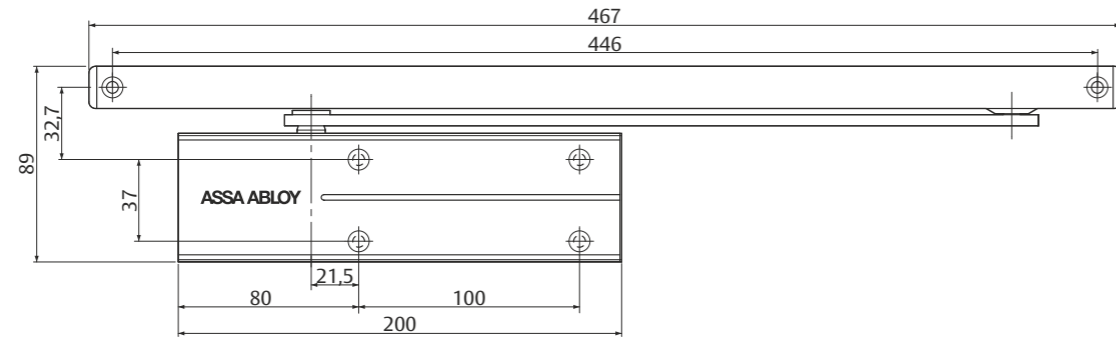
- Can be used with a mounting plate, suitable for fire and smoke protection doors
- Can be used in four installation type: hinge and non-hinge side in standard and frame installation
- Can be used for left and right-handed doors
- Closing speed and latching speed continuously adjustable
- Compact design
- 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



Technical details for DC 175

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

Door Closer DC 175



Specification for
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

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:

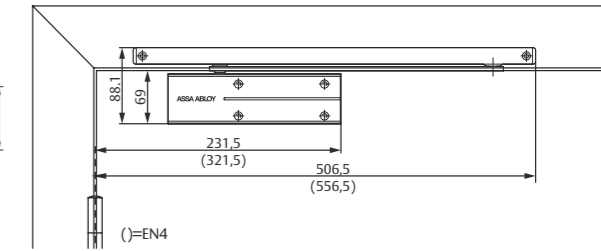
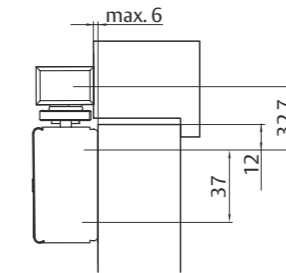
Customer segment	Advantages
Project planners	Compact design Modern design Fulfil barrier - free building requirement (EA / CEN TR 15894)
Builders	Quick and easy installation Suitable for left and right-handed doors Easy to adjust
Trade	Inexpensive closer model for standard doors All inclusive package 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

Door Closer DC 175

Dimensional drawing and order placement information

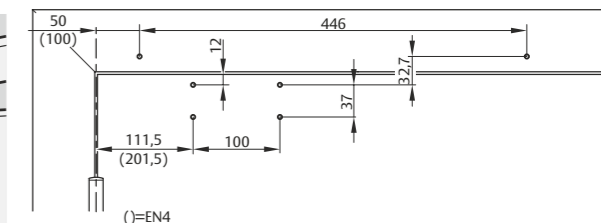
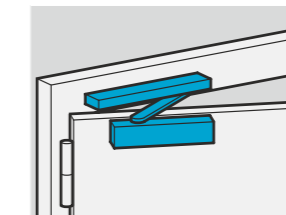
Space required on doors for standard installation on hinge side

Left handed shown in diagram
Right handed is the reverse



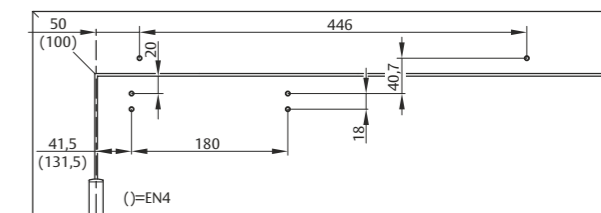
Installation dimensions for direct standard mounting on hinge side

Left handed shown in diagram
Right handed is the reverse



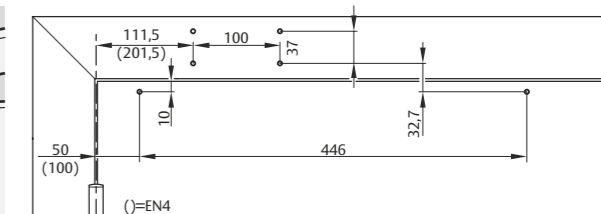
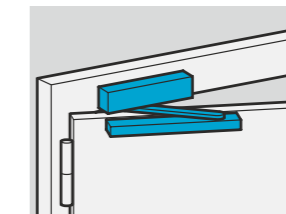
Installation dimensions with mounting plate for standard mounting on hinge side

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



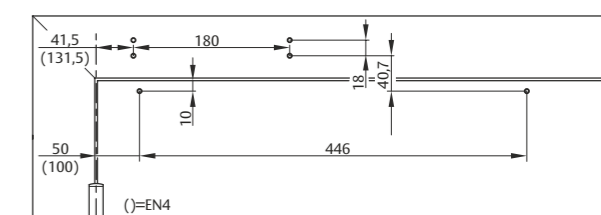
Installation dimensions for direct frame mounting on hinge side

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



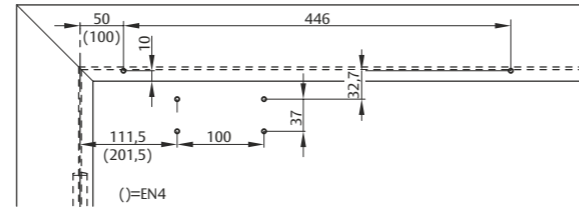
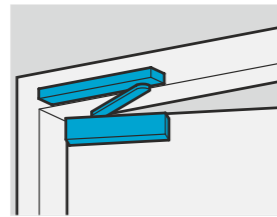
Door Closer

Dimensional drawing and accessories

Dimensional drawings for DC 175

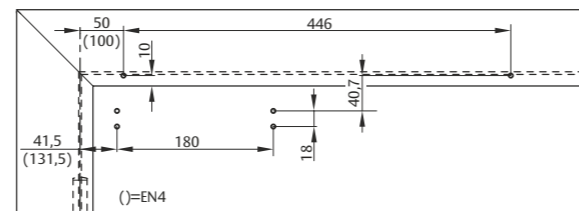
Installation dimension for direct standard mounting non hinge side

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



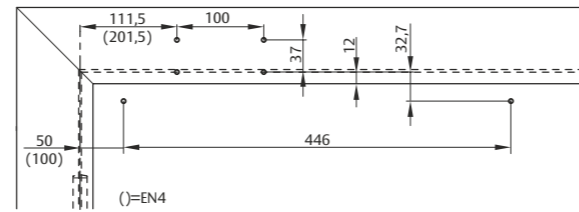
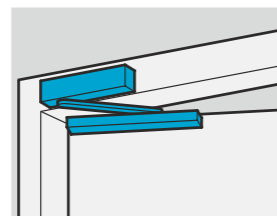
Installation dimensions with mounting plate for standard mounting non hinge side

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



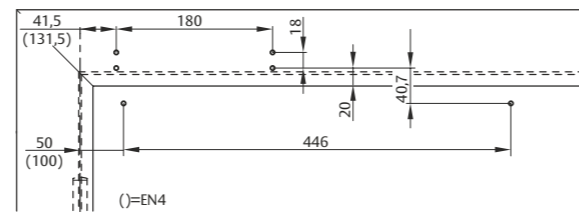
Installation dimensions when mounted directly onto the frame non-hinge side

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



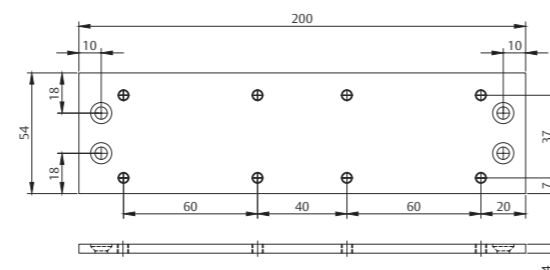
Installation dimensions with mounting plate for frame mounting non-hinge side

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

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

Door Closer DC 200

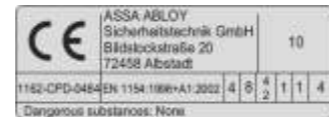
DC 200

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

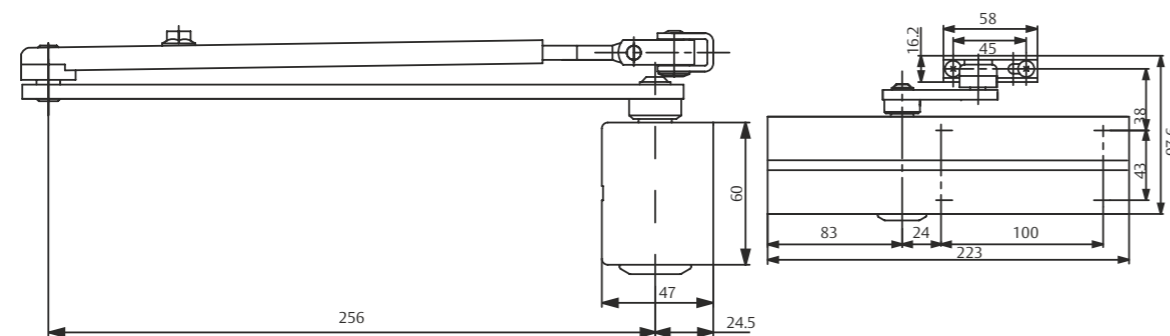
Characteristics of DC 200:

- 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



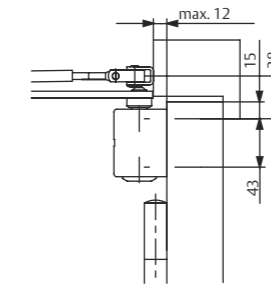
All dimensions are in mm

Door Closer DC 200

Dimensional drawing and order placement information

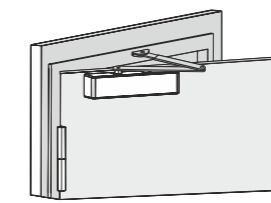
Required space on doors:

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.



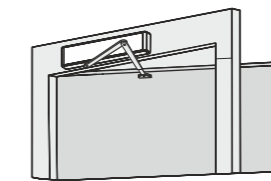
Installation dimensions with mounting plate:

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.



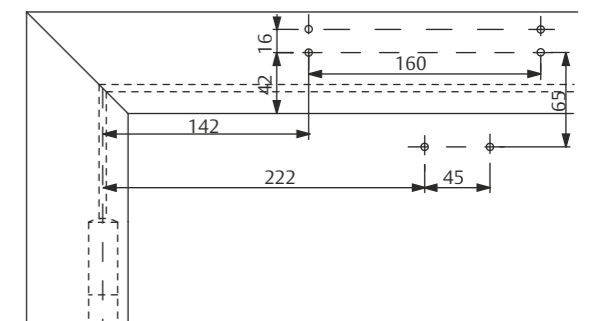
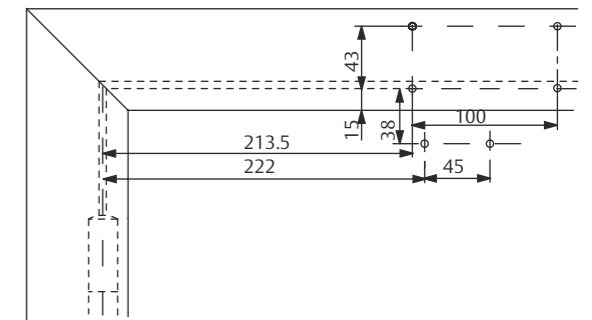
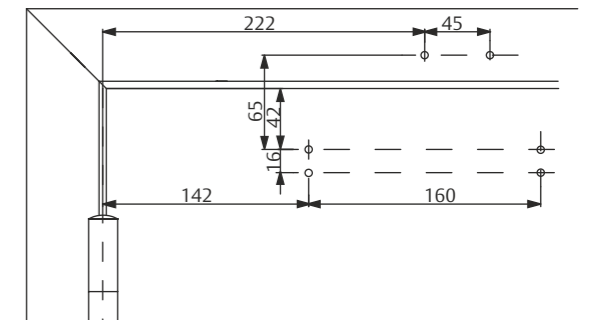
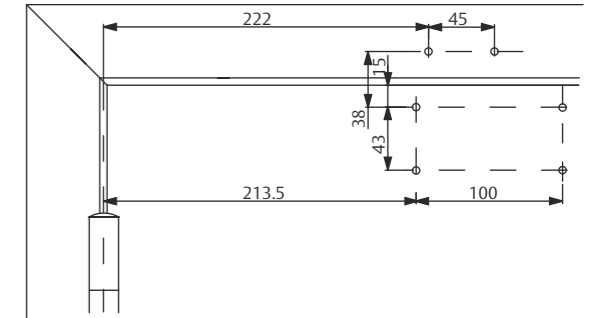
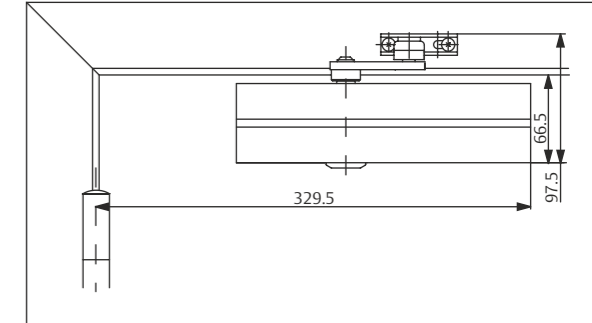
Frame mounting:

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.

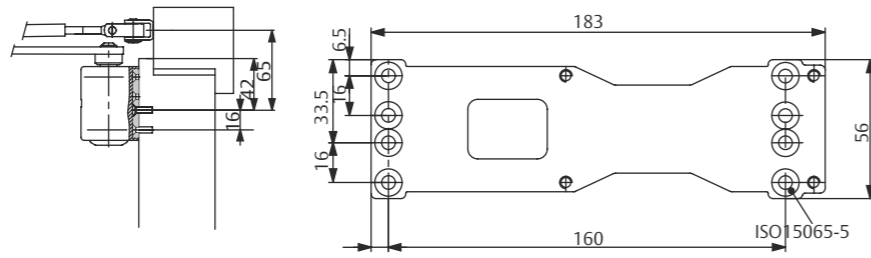


Door Closer DC 200

Accessories for DC 200

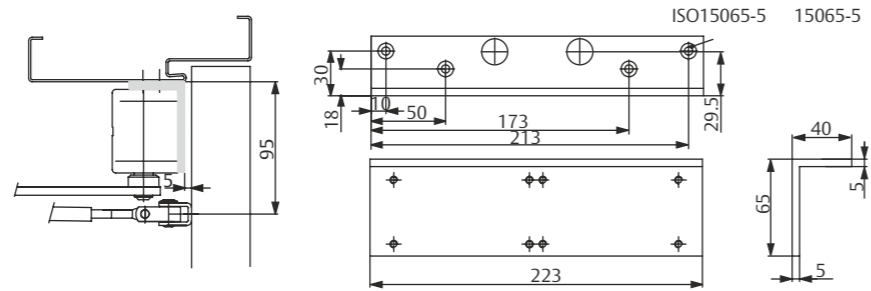
Mounting plate A120:

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



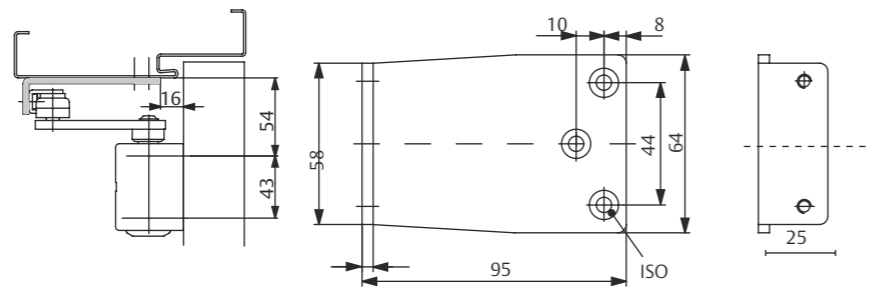
Angle bracket A122:

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.



Specification for DC 200

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

Door Closer DC 280 SRHO

DC 280 SRHO

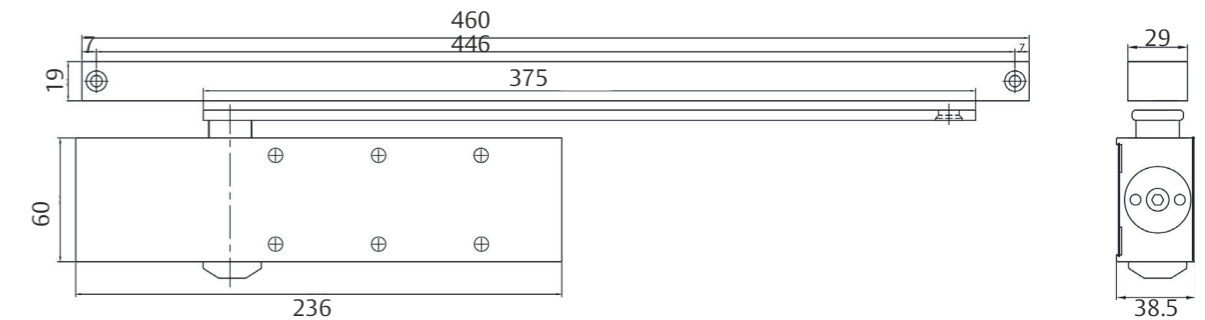
Technical details:

- 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:

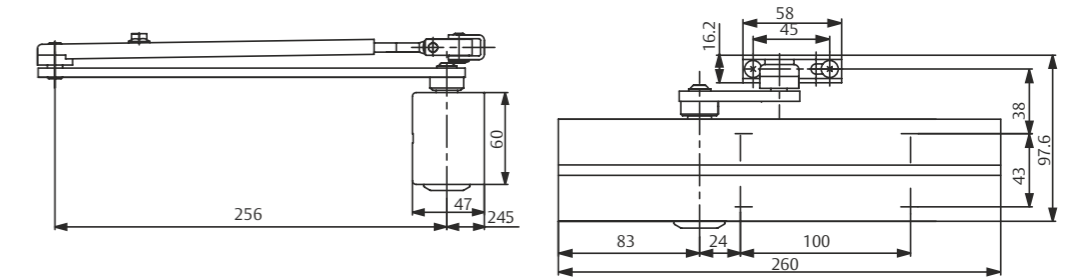
- Delayed closing adjustable from front
- Other features as in Model DC300

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 cover A173

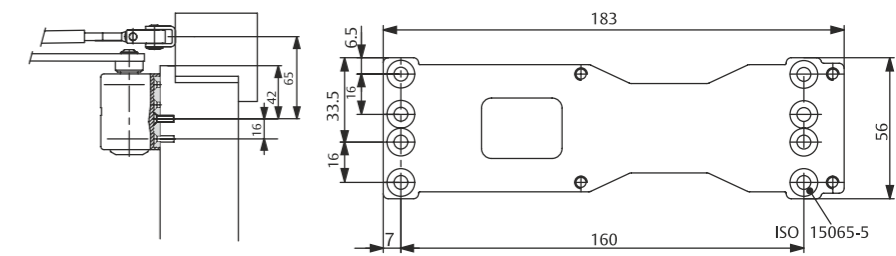
Colour:

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

Accessories for
DC 300

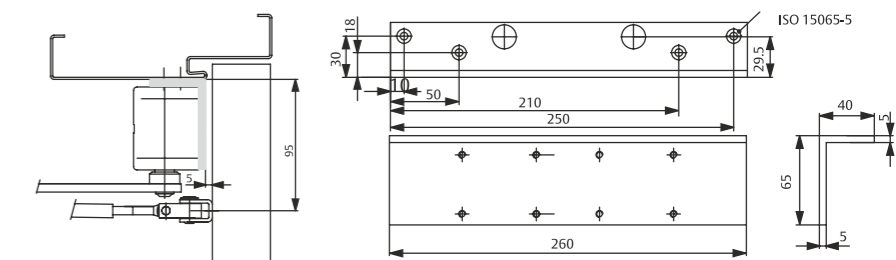
Mounting plate A120:

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



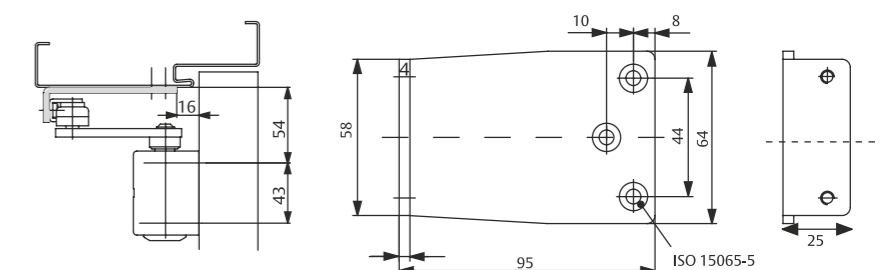
Angle bracket A123:

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.



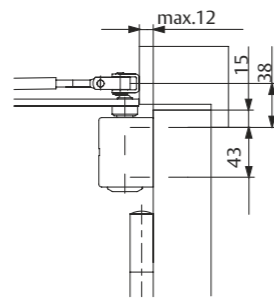
All dimensions are in mm

Door Closer DC 300

Dimensional drawing and order placement information for DC300

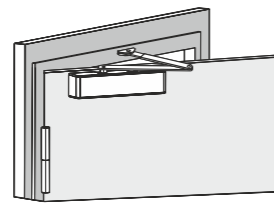
Required space on doors:

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



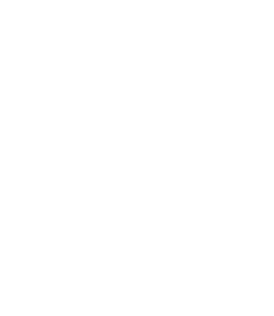
Installation dimensions for direct mounting:

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



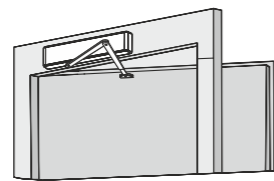
Installation dimensions with mounting plate:

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.



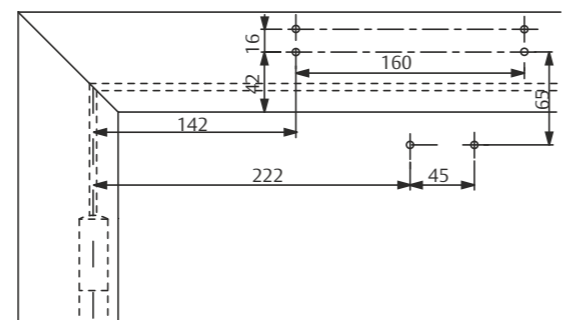
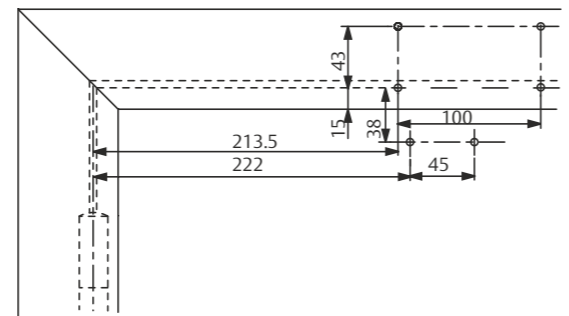
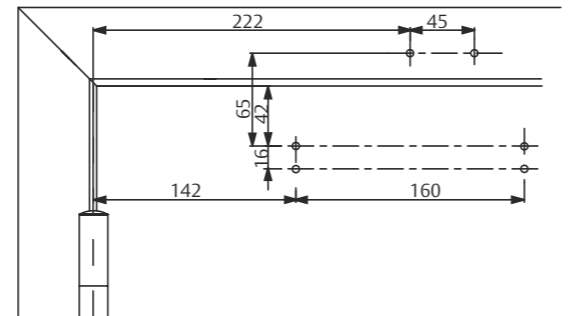
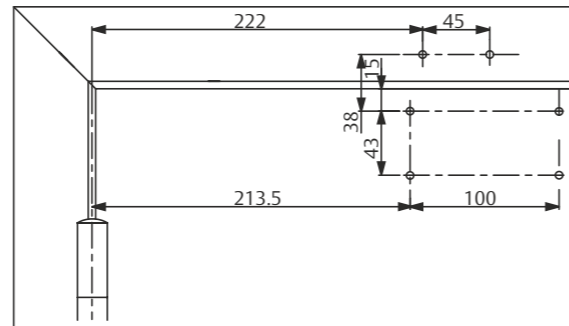
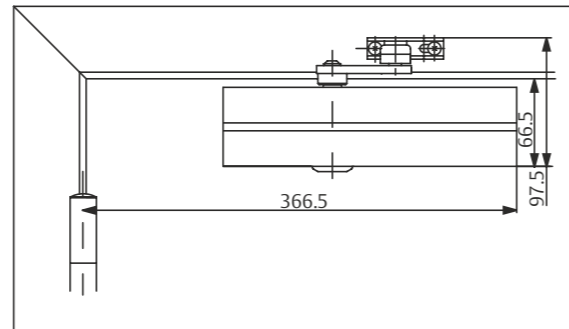
Frame mounting:

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.

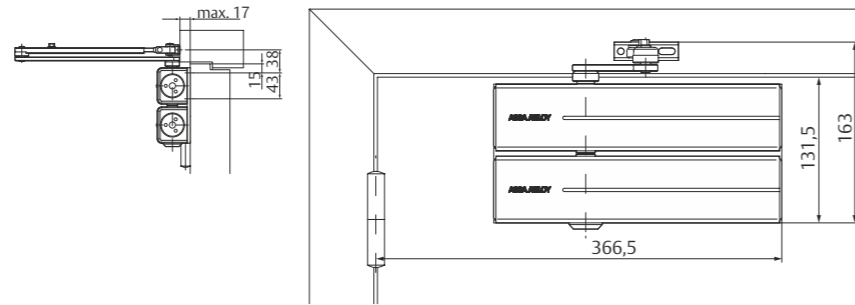
Closing force	EN > 7 (2 X DC300)
Suitable for fire doors	Yes
Door width upto	1800mm
Handing	Left/right handed
Closing speed	Variable between 180° - 15°
latching speed	Variable between 15° - 0
Back-check	Variable above 75°
Hold-open mode	Eg. for external holding magnet
Weight	4.8 kg
Height	125 mm
Depth	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

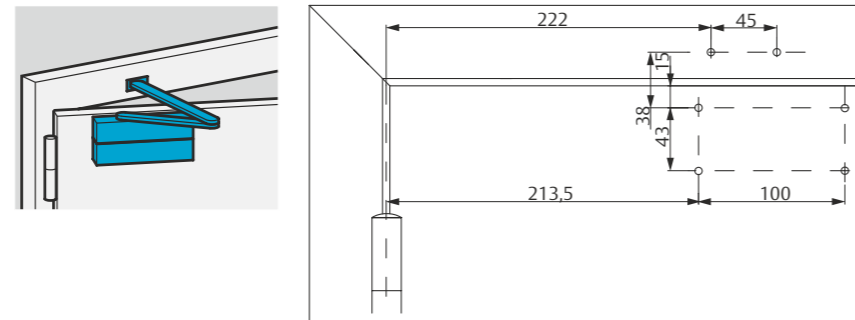
Required space on doors

Left handed shown in diagram
Right handed is the reverse



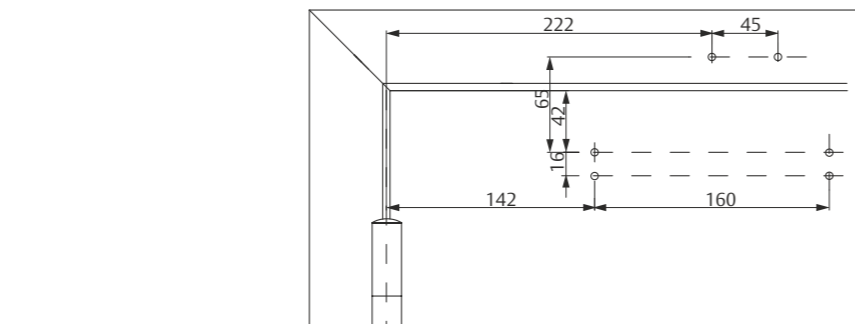
Installation dimensions for direct mounting

Left handed shown in diagram
Right handed is the reverse



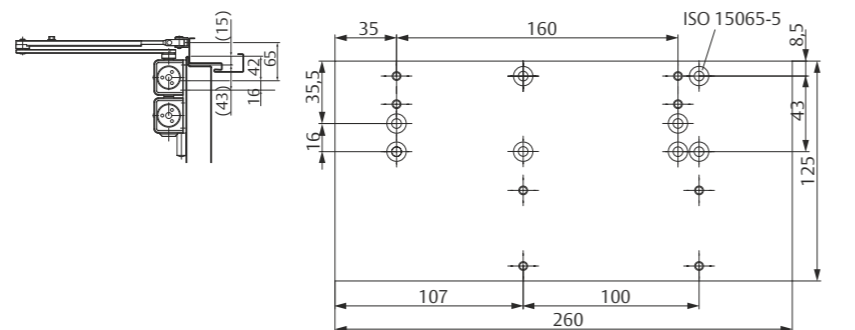
Installation dimensions

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 reverse



Mounting plate A121

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

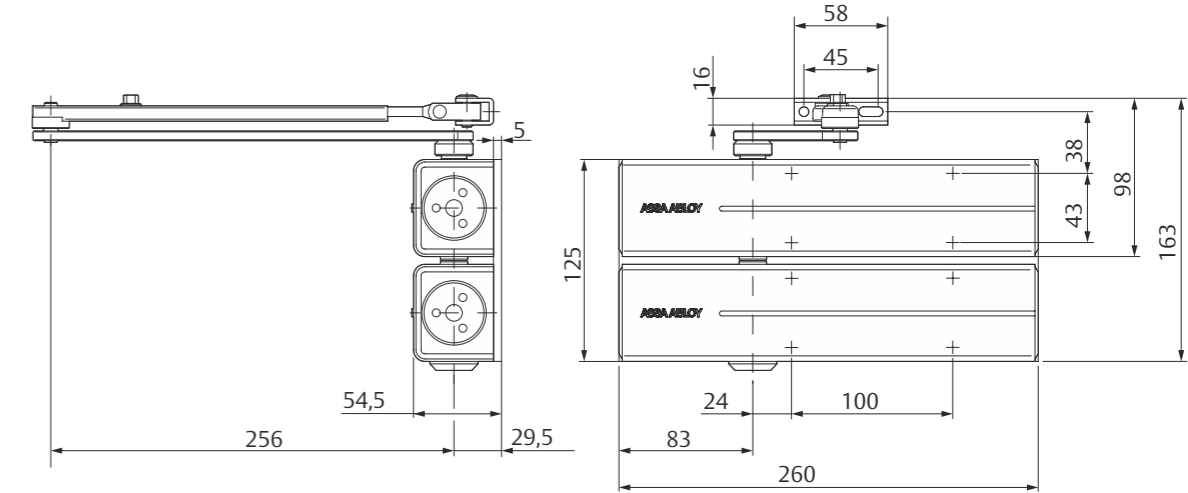


Designation / Item	Order no.
DC300, EN size 3-6, silver EV1	DC300-----DEV1-
Mounting plate A121, silver EV1	DCA121-----EV1-
Link arm L190, silver EV1	DCL190-----EV1-

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 plates 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 of 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

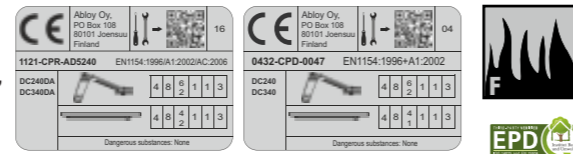
DC 340 Rack and pinion door closer with guide rail or link arm

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

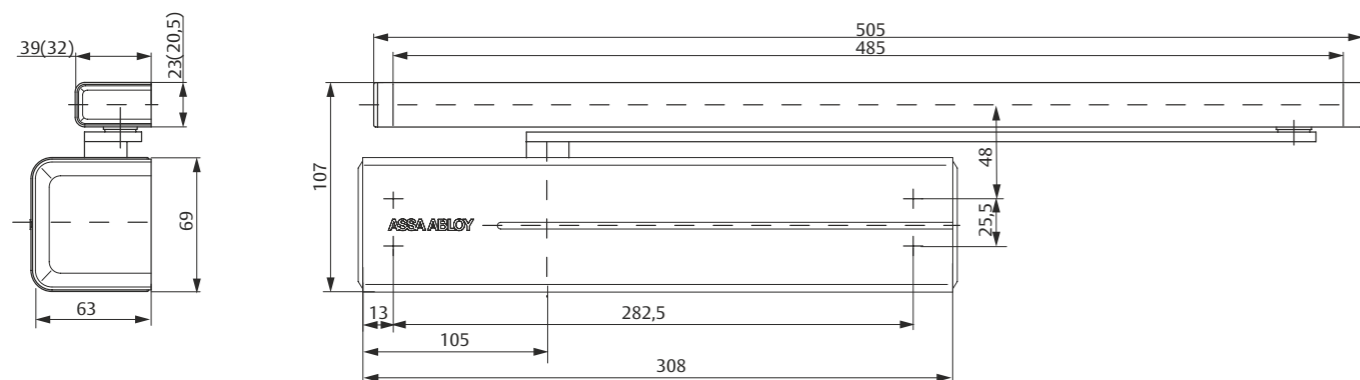
- Delayed closing adjustable from front
- Other features as in model DC300

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

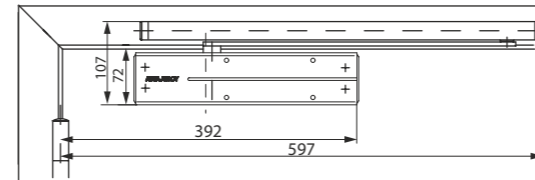
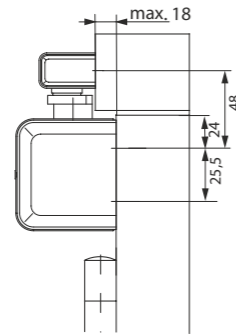
The advantages at a glance

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

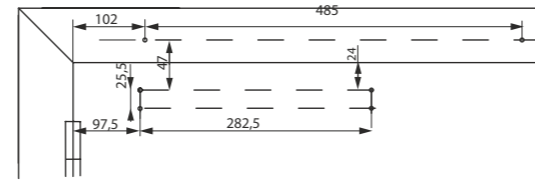
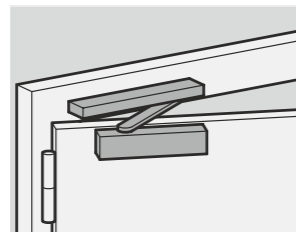
Dimensional drawing for DC340

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



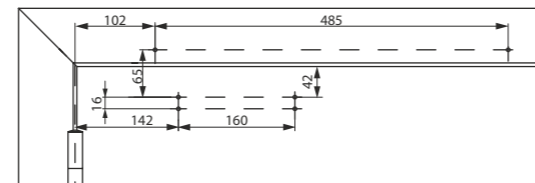
Installation dimensions for direct mounting

Left handed shown in
diagram
Right handed is the re-
verse



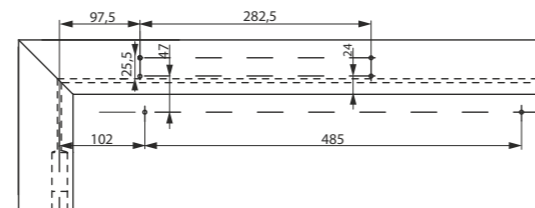
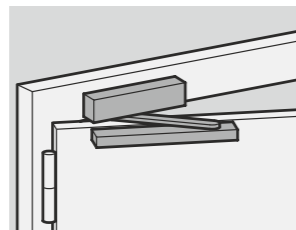
Installation dimensions with mounting plate

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



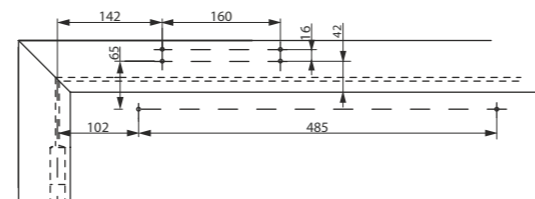
Frame mounting

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

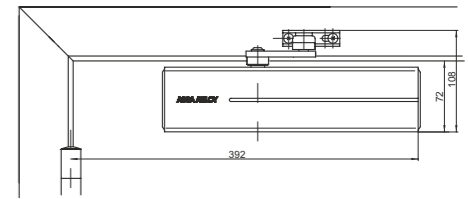
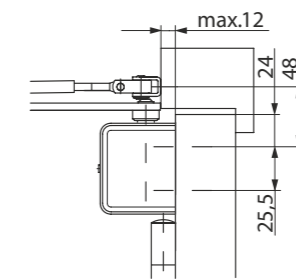
Closer on non-hinge side
of door frame. For doors
where direct mounting is
not possible.
Left handed shown in
diagram
Right handed is the re-
verse



Door Closer DC 340

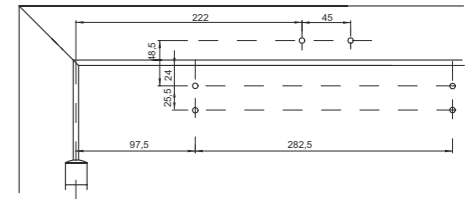
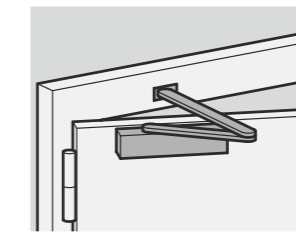
Dimensional drawing for DC340

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



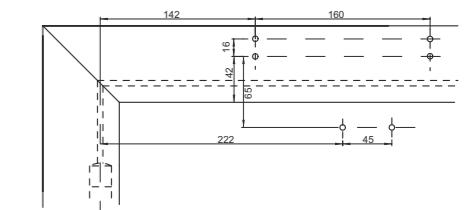
Installation dimension for direct mounting

Left handed shown in
diagram
Right handed is the re-
verse



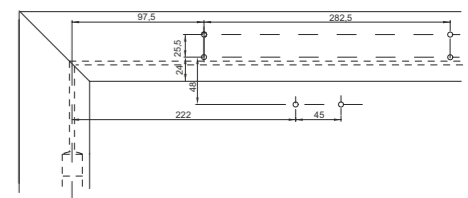
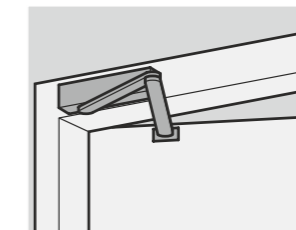
Installation dimensions with mounting plate

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



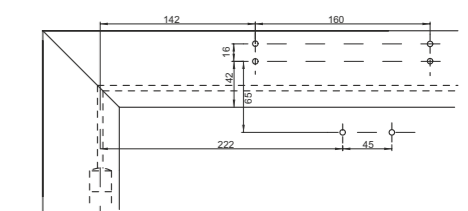
Frame mounting

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

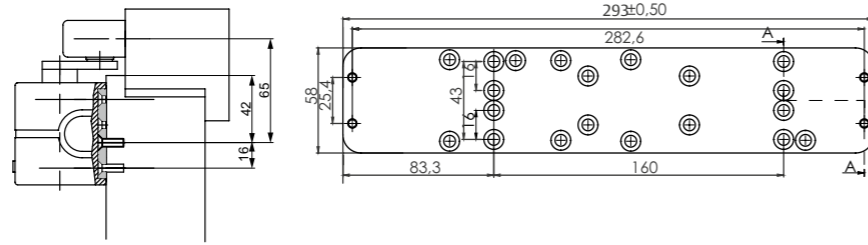
Closer on non-hinge side
of door frame. For doors
where direct mounting is
not possible.
Right handed door
shown in diagram
Left handed door is the
reverse



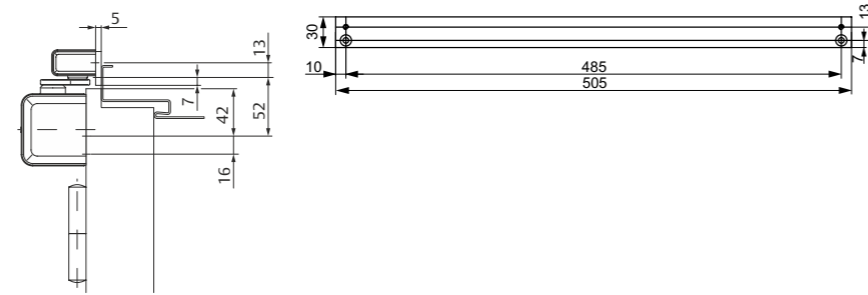
Door Closer DC 340

Dimensional drawing for DC340

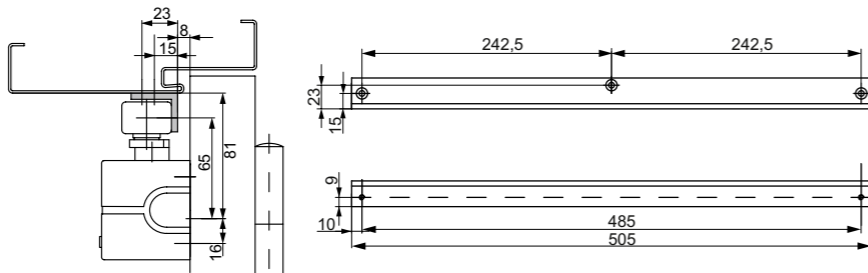
Mounting plate A126
For mounting with drilling template acc. to EN 1154 Supplement 1 (fire and smoke protection doors) and for universal use



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.	Designation / Item	Order no.
DC340, silver EV1	DC340----DEV1-	Link arm L190, brown, similar to RAL8014	DCL190-----8014
DC340, white, similar to RAL9016	DC340----D9016	Link arm L190, black, similar to RAL9005	DCL190-----9005
DC340, brown, similar to RAL8014	DC340----D8014	Link arm L190, customised finish	DCL190-----XXXX
DC340, black, similar to RAL9005	DC340----D9005	Hold-open link arm L191, silver EV1 (Cannot be used with fire and smoke protection doors)	DCL191-----EV1-
DC340, stainless steel ASSA ABLOY design	DC340----D35--	Hold-open link arm L191, white, similar to RAL9016 (Cannot be used with fire and smoke protection doors)	DCL191-----9016
DC340, stainless steel full cover	DC340-1---D35--	Hold-open link arm L191, brown, similar to RAL8014 (Cannot be used with fire and smoke protection doors)	DCL191-----8014
DC340, customised finish	DC340----DXXXX	Hold-open link arm L191, black, similar to RAL9005 (Cannot be used with fire and smoke protection doors)	DCL191-----9005
DC340DA, stainless steel ASSA ABLOY design	DC340DA---D35--	Hold-open link arm L191, customised finish (Cannot be used with fire and smoke protection doors)	DCL191-----XXXX
DC340DA, stainless steel full cover	DC340DA-1-D35--	Angle bracket A104, silver EV1	DCA104-----EV1-
DC340DA, silver EV1	DC350-----DEV1-	Angle bracket A104, RAL9016 white	DCA104-----9016
DC340DA, white, similar to RAL9016	DC350-----D9016	Angle bracket A104, brown, similar to RAL8014	DCA104-----8014
DC340DA, brown, similar to RAL8014	DC350-----D8014	Angle bracket A104, black, similar to RAL9005	DCA104-----9005
DC340DA, black, similar to RAL9005	DC350-----D9005	Angle bracket A107, silver EV1	DCA107-----EV1-
DC340DA, stainless steel ASSA ABLOY design	DC350-----D35--	Angle bracket A107, customised finish	DCA107-----XXXX
DC340DA, stainless steel full cover	DC350-1---D35--	Mounting plate A126, galvanised	DCA126-----40
DC340DA, customised finish	DC350-----DXXXX	Mounting plate A130, silver EV1	DCA130-----EV1-
Guide rail G193, silver EV1	DCG193-----EV1-	Mounting plate A130, white, similar to RAL9016	DCA130-----9016
Guide rail G193, white, similar to RAL9016	DCG193-----9016	Mounting plate A130, brown, similar to RAL8014	DCA130-----8014
Guide rail G193, brown, similar to RAL8014	DCG193-----8014	Mounting plate A130, black, similar to RAL9005	DCA130-----9005
Guide rail G193, black, similar to RAL9005	DCG193-----9005	Mounting plate A130, customised finish	DCA130-----XXXX
Guide rail G193, black, similar to RAL9005	DCG193-----XXXX	Hold-open device A152	DCA152-----
Guide rail G195, silver EV1	DCG195----DEV1-	Opening damper A153	DCA153-----
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		

Door Closer K600 Series

K600 Series

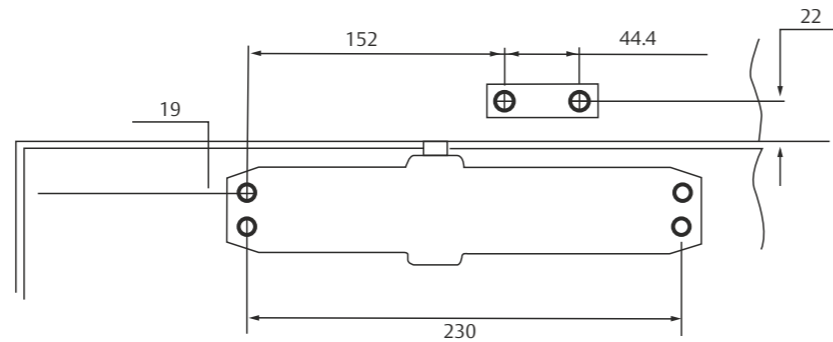
Technical details:

- 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

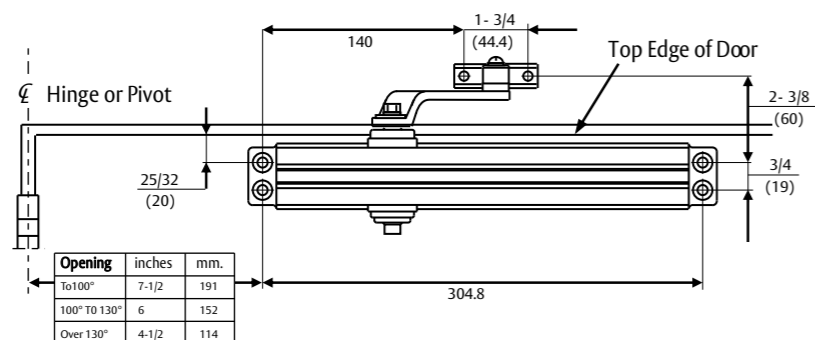
Technical details:

- 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	Size 5	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:

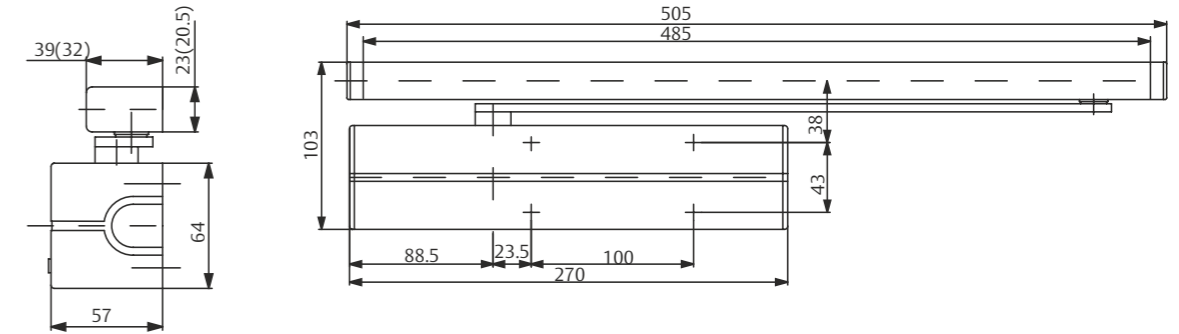
- Without protective cover
- Visible fastening screws
- Installation dimensions: see diagram (dimensions in brackets)

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

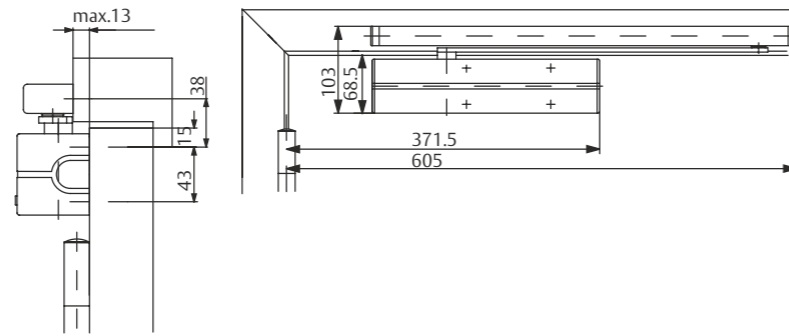


Door Closer DC 500

Dimensional drawing for DC500

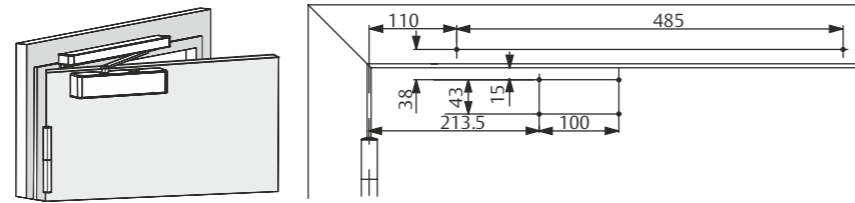
Space required on doors for standard installation on hinge side:

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



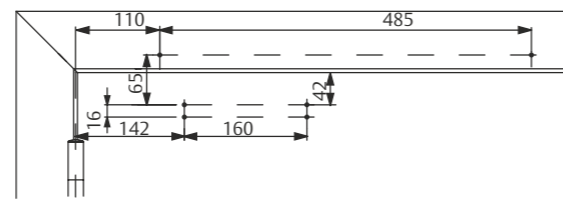
Installation dimensions for direct standard mounting on hinge side:

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



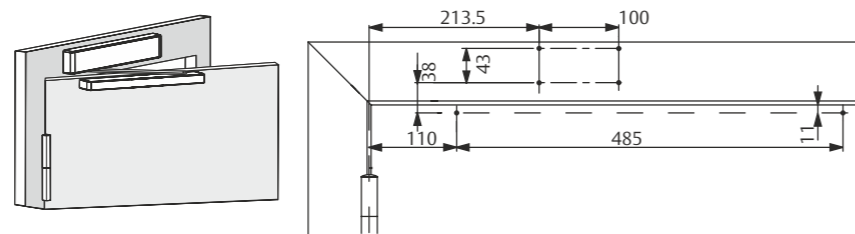
Installation dimensions with mounting plate for standard mounting on hinge side:

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.



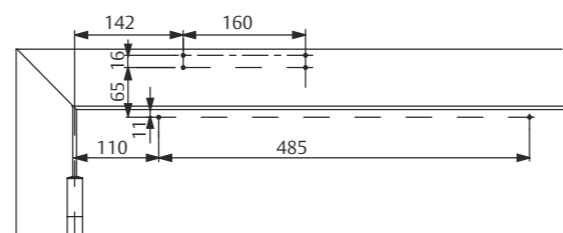
Installation dimensions for direct frame mounting on hinge side:

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.

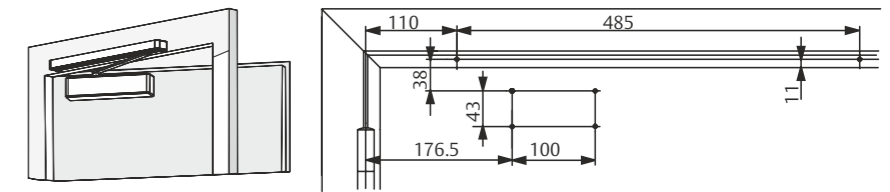


Door Closer DC 500

Dimensional drawing for DC500

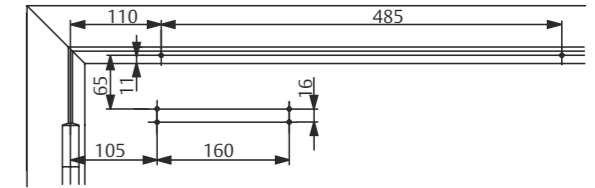
Installation dimensions for direct standard mounting non-hinge side:

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



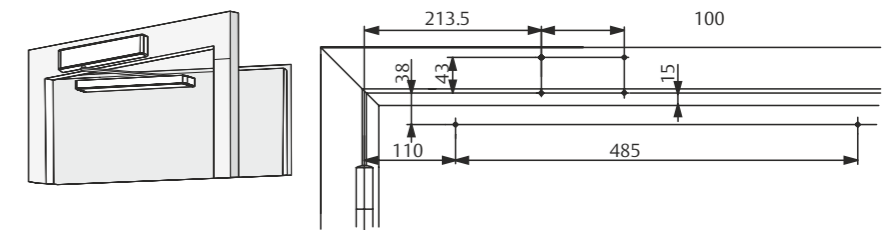
Installation dimensions with mounting plate for standard mounting non-hinge side:

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



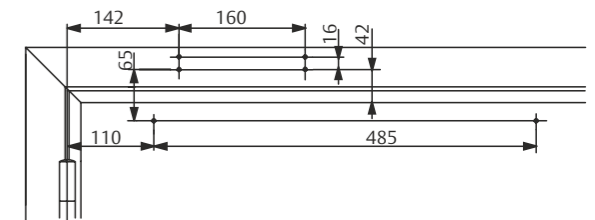
Installation dimensions when mounted directly on to the frame hinge side:

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:

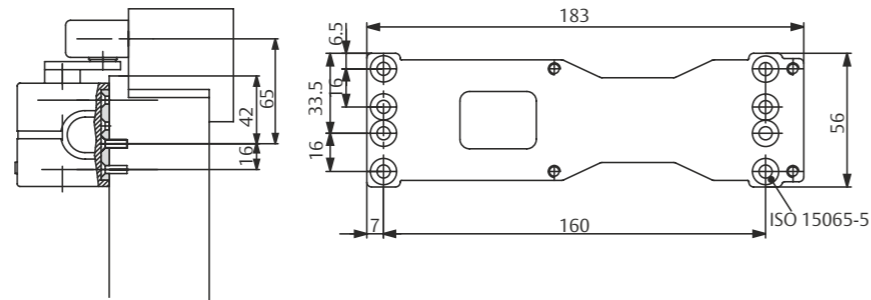
Closer on non-hinge side of door frame. For doors where direct mounting is not possible. Right-handed door shown in diagram, Left handed door is the reverse.



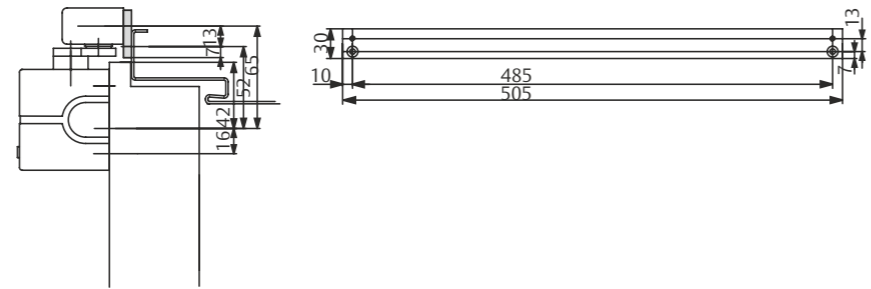
Door Closer DC 500

Accessories for DC500

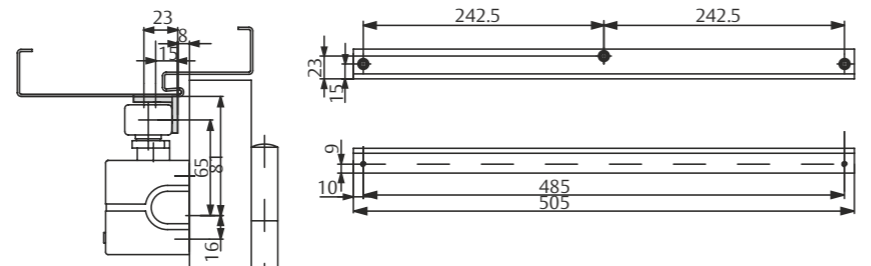
Mounting plate A120:
For mounting with drilling template according to EN1154, Supplement 1 and for universal use



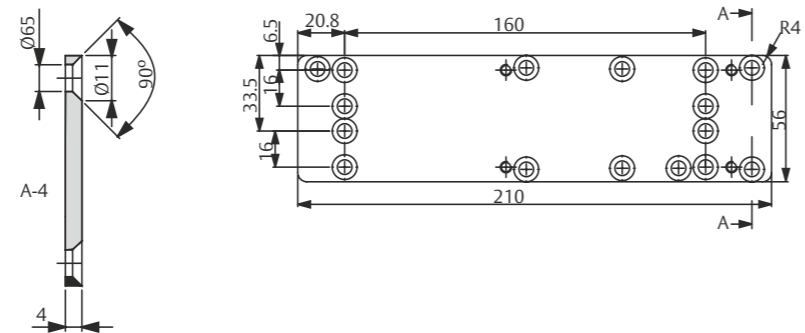
Mounting Plate A130:
For guide rail G193 and G195



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

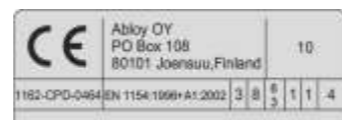
Designation / Item	Order no.
Mounting plate A120, galvanised	DCA120-----40
Mounting plate A130, silver EV1	DCA130-----EV1-
Mounting plate A130, white, similar to RAL9016	DCA130-----9016
Mounting plate A130, brown, similar to RAL8014	DCA130-----8014
Mounting plate A130, black, similar to RAL9005	DCA130-----9005
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:

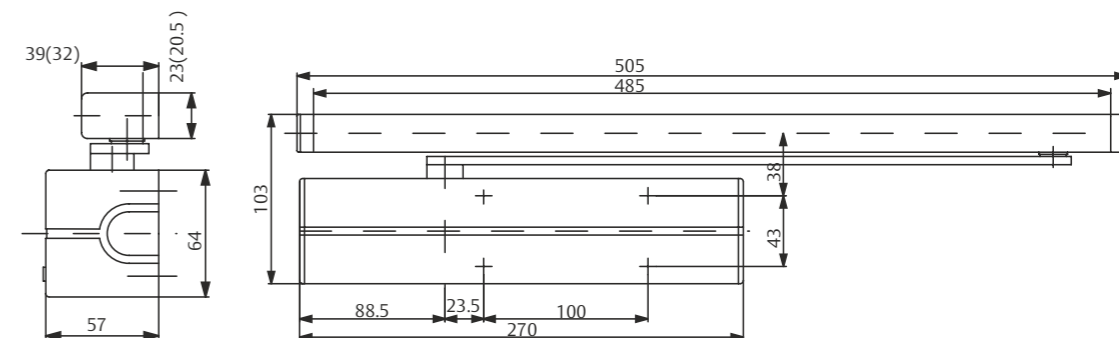
- Height-adjustable by 2mm for tolerance
- Concealed fastening screws
- Installation dimensions: see diagram doors

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

Technical details for DC700

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

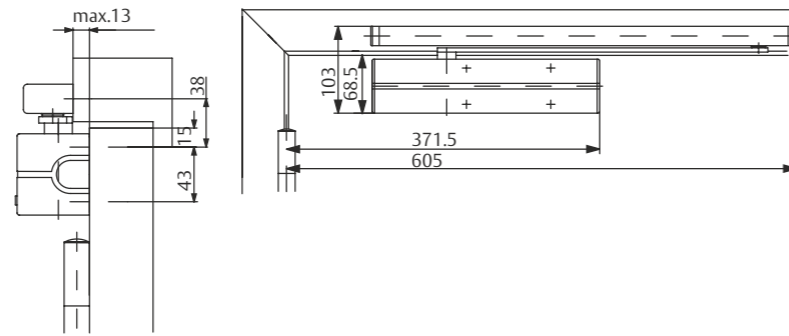


Door Closer DC 700

Dimensional drawing for DC700

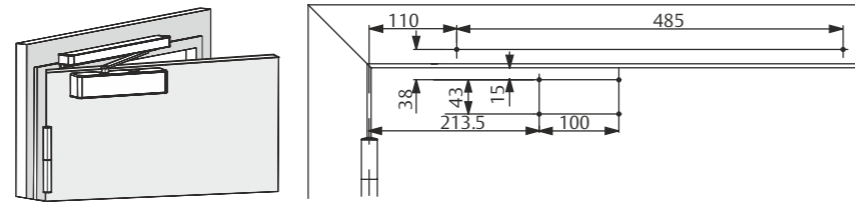
Space required on doors for standard installation on hinge side:

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



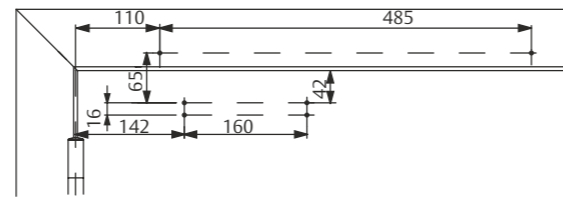
Installation dimensions for direct standard mounting on hinge side:

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



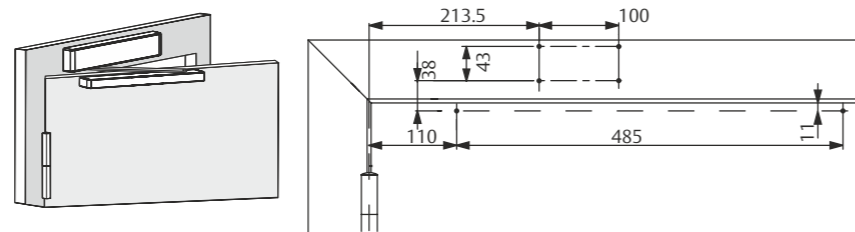
Installation dimensions with mounting plate for standard mounting on hinge side:

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.



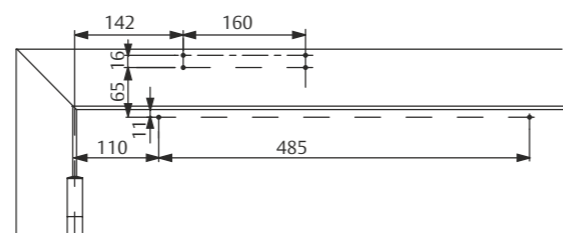
Installation dimensions for direct frame mounting on hinge side:

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.

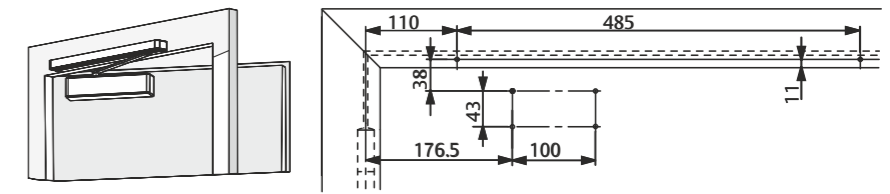


Door Closer DC 700

Dimensional drawing for DC700

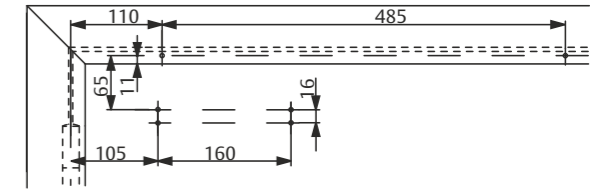
Installation dimensions for direct standard mounting non-hinge side:

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



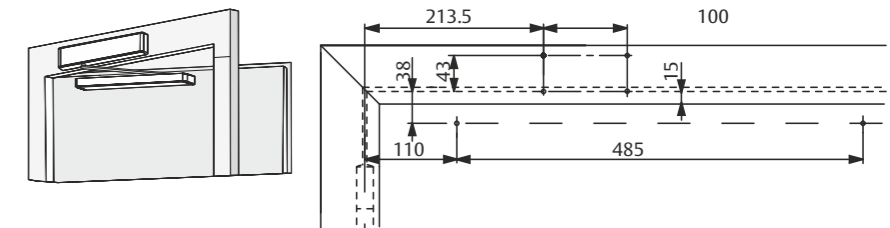
Installation dimensions with mounting plate for standard mounting non-hinge side:

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



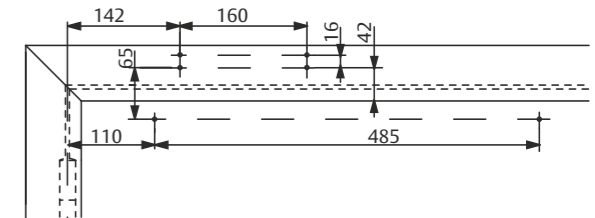
Installation dimensions when mounted directly on to the frame hinge side:

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:

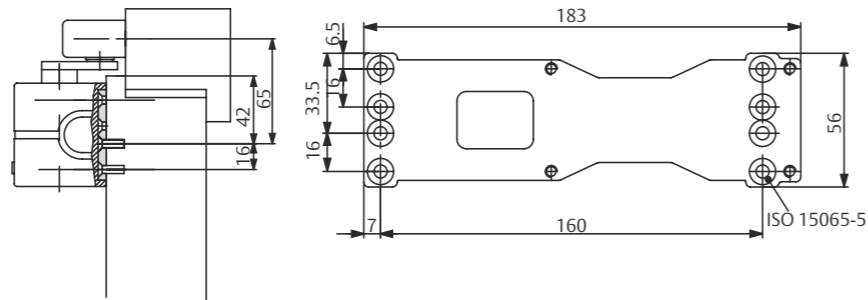
Closer on non-hinge side of door frame. For doors where direct mounting is not possible. Right-handed door shown in diagram, Left handed door is the reverse.



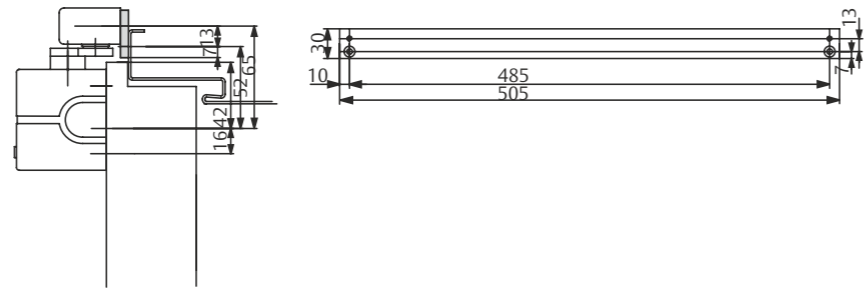
Door Closer DC 700

Accessories for DC700

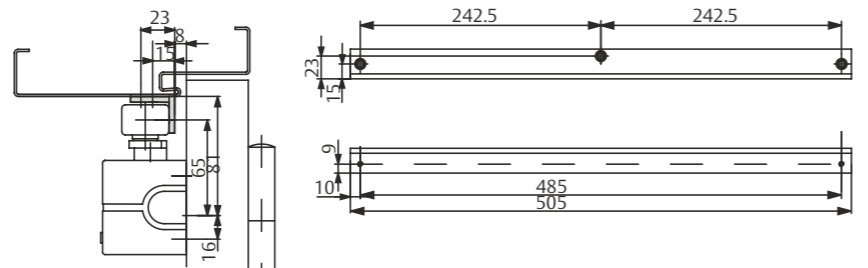
Mounting plate A120:
For mounting with drilling template according to EN1154, Supplement 1 and for universal use



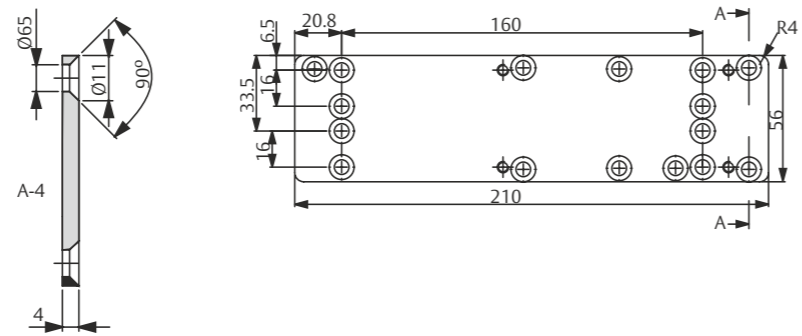
Mounting Plate A130:
For guide rail G193 and G195



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-

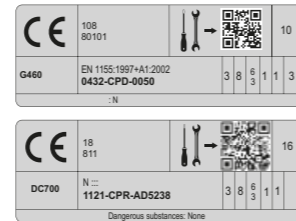
Designation / Item	Order no.
Guide rail G195, white, similar to RAL9016	DCG195----D9016
Guide rail G195, brown, similar to RAL8014	DCG195----D8014
Guide rail G195, black, similar to RAL9005	DCG195----D9005
Guide rail G195, stainless steel	DCG195----D35--
Guide rail G195, bespoke finish	DCG195----DXXXX
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

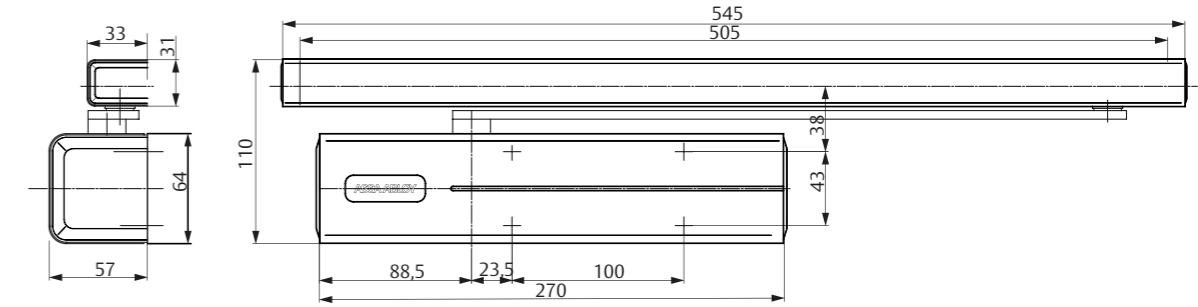
Closing Force	3-6
Door width upto	1400mm
Hold open angle (continuously adjustable)	70° - 130°
Hold open angle non-hinge side installation	75° - 120°
Required power supply	24 V DC
Max. consumption	60 MA
Back-check	1.2 kg
Height	31 mm
Depth	34mm
Length	545mm
Certified in compliance with	EN 1154 / EN 1155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

Facts for door closer see DC700

All dimensions are in mm

Technical details for G460

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

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:

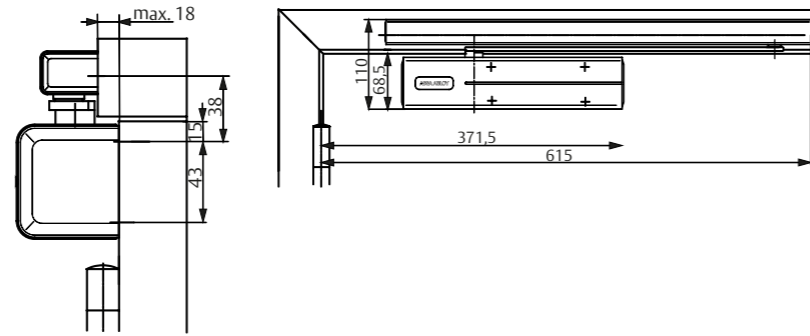
Customer segment	- Advantages
Project planners	- Extensive range of uses: Fire and smoke protection doors as well as standard doors - Modern design - Compact design
Builders	- Adjustable to nearly any door and frame types - Quick and easy installation - Quickly and easily adjustable - Suitable for left 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

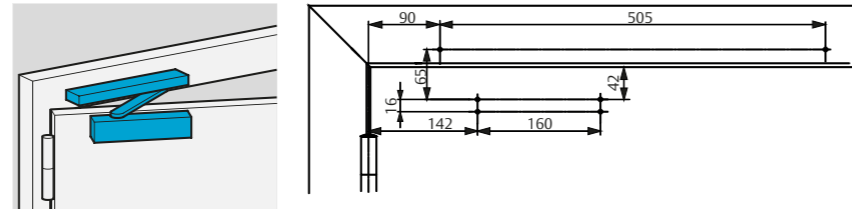
Regular mounting on hinge side

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



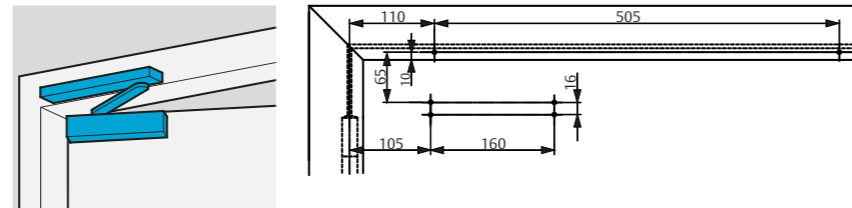
Installation dimensions with mounting plate for standard mounting on hinge side

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

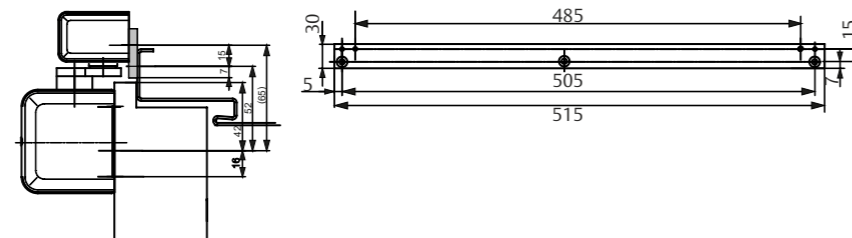


Installation dimensions with mounting plate for standard mounting on non-hinge side

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

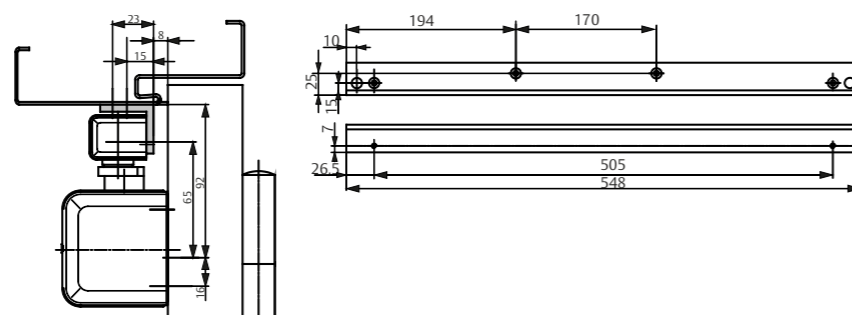


Mounting plate A115 For guide rail G460



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

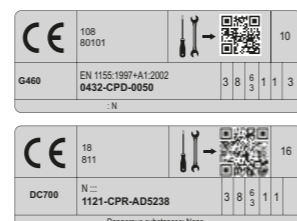
Technical details:

- 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 hinge distance 1400-2800 mm



Characteristics of DC 700 with G461

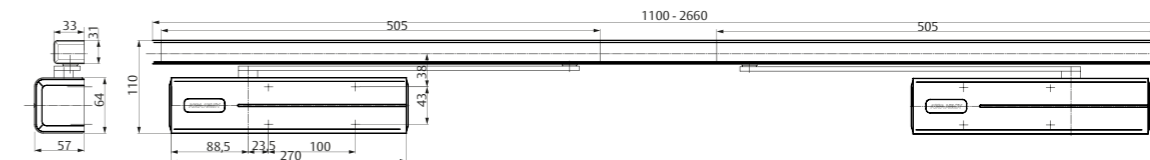
- Integrated mechanical coordinator for double leaf doors
- Correct closing sequence guaranteed for double leaf doors, inactive leaf closes before active leaf starts to close
- Active leaf could stay open in any selected angle up to 150° when inactive leaf is opened
- Standard mounting position on hinge 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



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 continuously 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 of 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

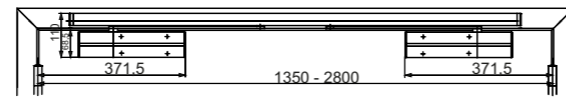
Technical details for G460

Door Closer DC 700 with G461

Dimensional drawing and order placement information for Dc700 with G461

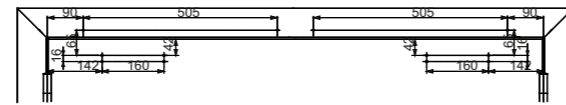
Regular mounting on hinge side

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



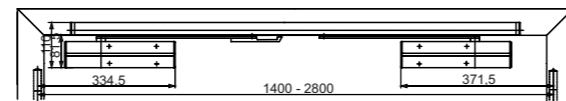
Installation dimensions with mounting plate for standard mounting on hinge side

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



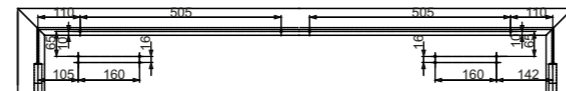
Regular mounting on non-hinge side

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



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

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

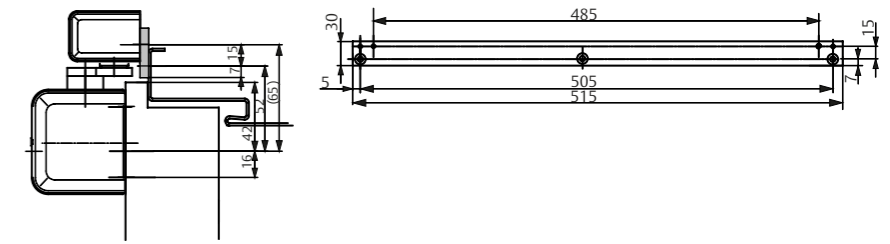


Door Closer DC 700 with G461

Accessories for DC700 with G461

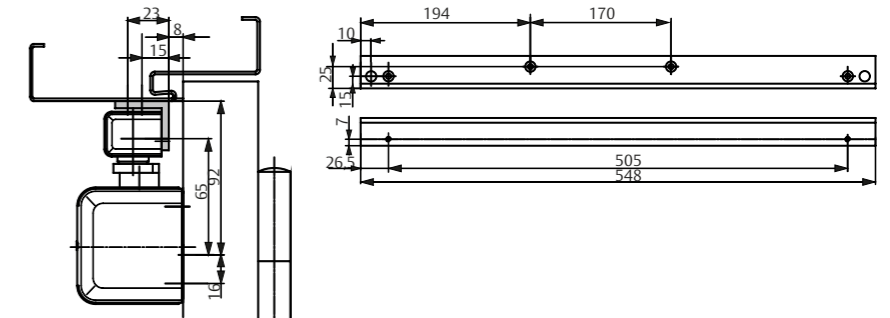
Mounting plate A115

For guide rail G461
1pc for active door leaf



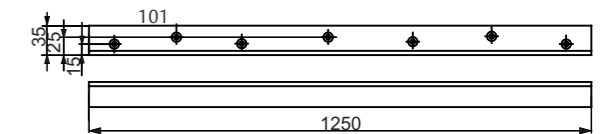
Angle bracket A116

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-----

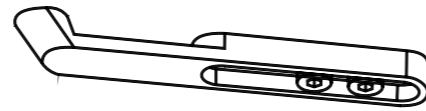
Designation / Item	Order no.
Mounting plate A115, silver EV1	DCA115----EV1-
Mounting plate A115, customised finish	DCA115----XXXX
Angle bracket A116, silver EV1	DCA116----EV1-
Angle bracket A116, customised finish	DCA116----XXXX
Angle bracket A117, silver EV1	DCA117----EV1-
Angle bracket A117, customised 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

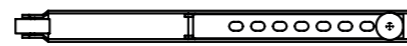
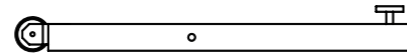
Hook arm G120

For double leaf doors non-hinge side mounting



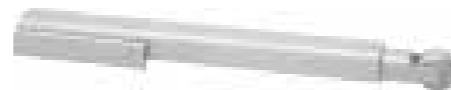
Carry bar A101

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



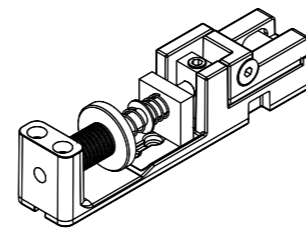
Carry bar A102

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)



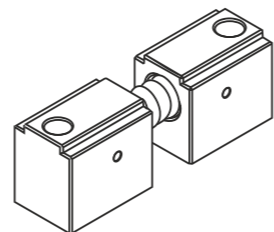
Mechanical hold-open device A114

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 continuously adjustable. Does not replace a door stop.



Door Closer DC 700 with G462 / G464

DC 700 with G462 / G464 Series

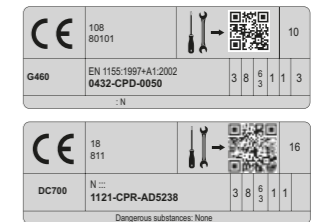
Technical details:

- 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 hinge 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



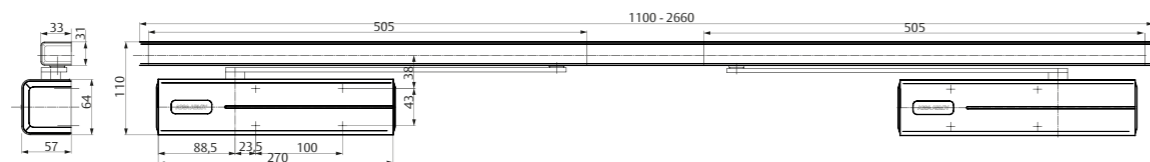
Technical details for G462/G464

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	

All dimensions are in mm

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

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	- 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

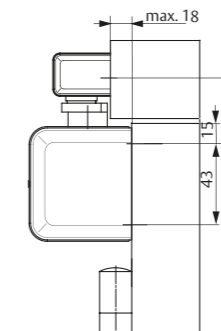
Door Closer

DC 700 with G462 / G464

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

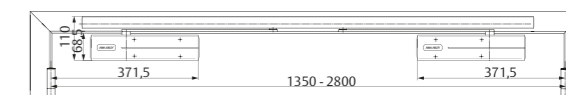
Regular mounting on hinge side

Left handed shown in diagram
Right handed is the reverse



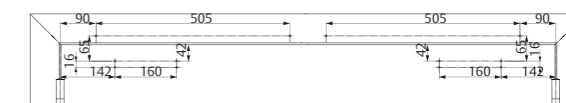
Installation dimensions with mounting plate for standard mounting on hinge side

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



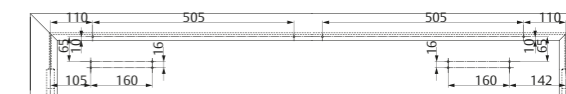
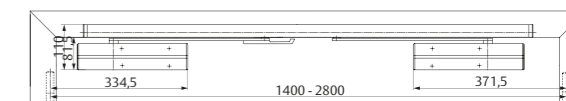
Regular mounting on non-hinge side

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



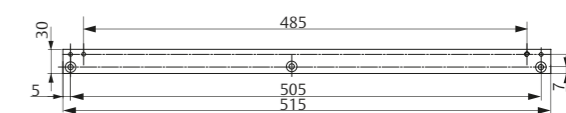
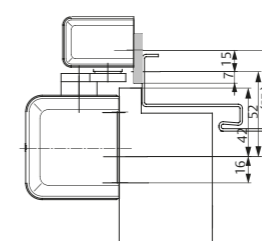
Installation dimensions with mounting plate for standard mounting non hinge side

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



Mounting plate A115

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

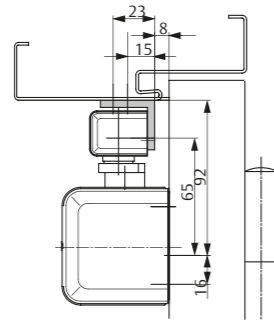


Door Closer DC 700 with G462 / G464

Accessories DC700 with G462 / G464

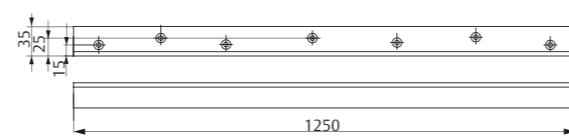
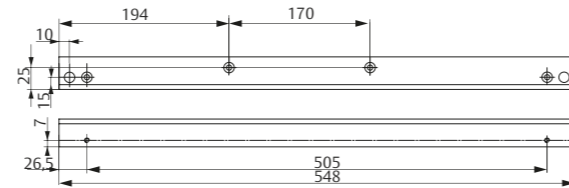
Angle bracket A116

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



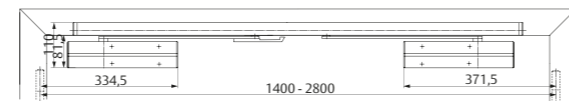
Angle bracket A117

For guide rails G464 and G462



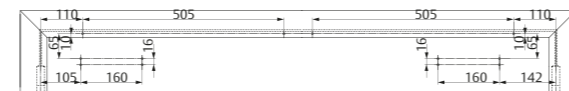
Regular mounting on non-hinge side

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

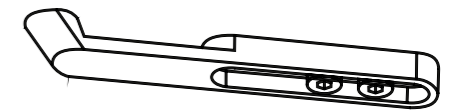


Door Closer DC 700 with G462 / G464

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

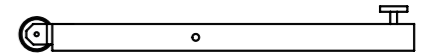
Hook arm G120

For double leaf doors non-hinge side mounting



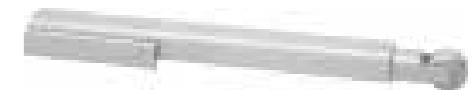
Carry bar A101

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



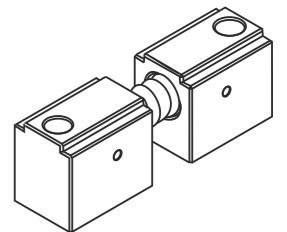
Carry bar A102

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

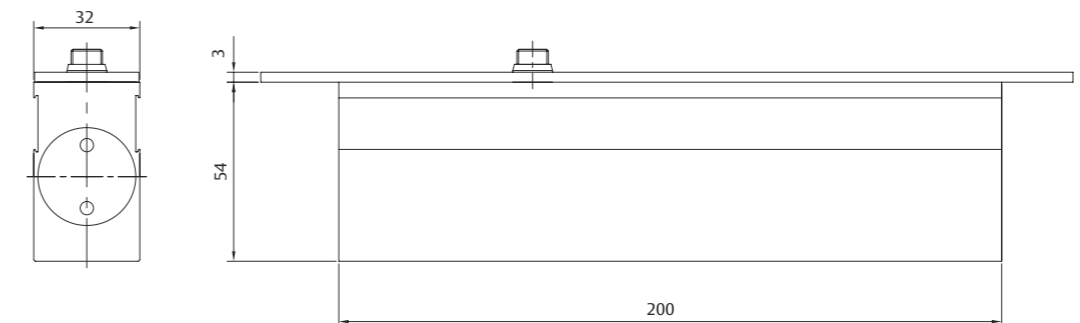
Technical details:

- 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)

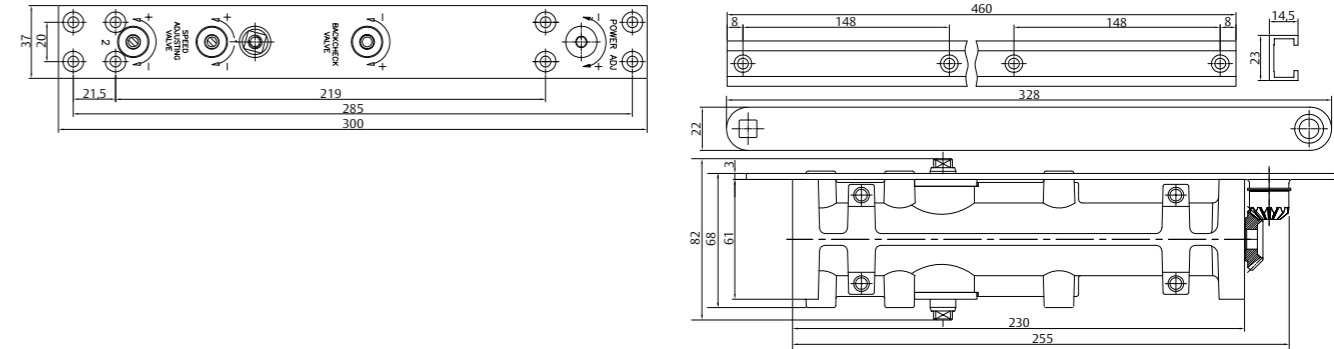


Technical details for DC 824U

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 of business

Customer segment	Advantages
Project planners	- Extensive range of uses: Fire and smoke protection doors - Fulfills 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 rapidly 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, the DC830U 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)

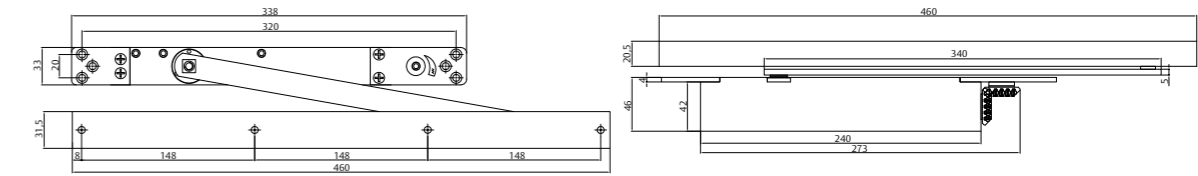


Closing force	Size 2-4
Maximum leaf width	1100mm
Minimum leaf thickness	44 mm
Closing speed	Variable between 120° and 7°
Latch speed	Variable between 7° and 0°
Backcheck	Variable above 75°
Maximum opening angle	~120°
Door system	Single leaf
Handing	Left - right-handed
Dimension (H x D x L)	48 x 33 x 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

Technical details
for DC 830U

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 of business

Customer segment	Advantages
Project planners	- Extensive range of uses: Fire and smoke protection doors - Fulfills 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 rapidly 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





Euro Profile Cylinder

A cylinder interacts with the key to control the locking and unlocking of the door. Cylinders are housed within the lock body and contain the mechanism responsible for securing the door. The industry standard, pin tumbler cylinders, offer varying levels of security and keying options.

Euro Profile Cylinders

Feature & Benefits

Euro Profile Cylinder

Key features:

- 6 pin euro profile cylinder
- 4 levels of master keying system
- Available lengths - 45mm, 60mm, 70mm, 80mm, 90mm, 100mm

Key features:

- Versatile usage
- Key control
- Suitable for various thickness of doors

Key features:

- Satin Nickel finish
- Suitable door thickness up to 120mm
- Each euro profile cylinder supplied with 3 keys
- Cylinders available in
 1. Cylinder and turn
 2. Double cylinder
 3. Single cylinder
 4. Privacy cylinder

ASSA ABLOY range of euro profile fixed cam cylinders is suitable to be used with euro profile mortise lockcases



Cylinders

CY 110

CY110

A locking solution that suits your security needs and your budget

Your locksmith will help you to plan and equip your building security

Our expert locksmith partners work with you to plan and deploy an affordable Master Key System suited to your specific premises. Each of our partners has knowledge gained over many years securing commercial properties.

Your certified locksmith will help identify areas and room groups where different stakeholders could benefit from tailored access. They will then supply and install a custom-designed CY110 Master Key System — and be available for key replacement, building expansions or other services you may need as your business grows.



Cylinders CY 110

Access Levels

Open premises. But not to everyone

Of course, your building must be open and welcoming for visitors and employees. Yet at the same time, it should remain protected against unauthorised access attempts. Securing a building involves meeting this and many other challenges.

Protecting specific premises and areas

You can ensure authorised access with a security locking system that keeps shared spaces accessible and sensitive assets safe

Convenient access for authorised personnel

How many doors do your cleaning teams open on a daily basis? Authorised personnel should enter easily without carrying huge key bunches.

Locking non-door points

Security does not end with a locked door. Whether at cabinets, lifts or gates, a building needs security for all its sensitive spots.

Trusted security without compromises

The CY110 locking system is manufactured by the global leader in access solutions. ASSA ABLOY solutions secure sensitive premises of all types across the world.

Manage and filter access

Commercial buildings get a lot of footfall: the intern shouldn't be able to unlock the CEO's office.

Protect sensitive assets

Personal or sensitive documents must be secured and only accessible by staff with authority.

Separate shared from private spaces

Meeting rooms must be open to all, but only the IT team should access the server room.

Choose durable locks for high-traffic doors

Some doors, including the main entrance, are heavily used all day — and require tough, durable locking.

Cylinders CY 110

Access Levels

Hands-on access management with the CY110 Master Key System

Specific keys for designated areas help you regulate access within your building

Access all areas?

In commercial premises, people come and go all day. Manage keys help you control their access.

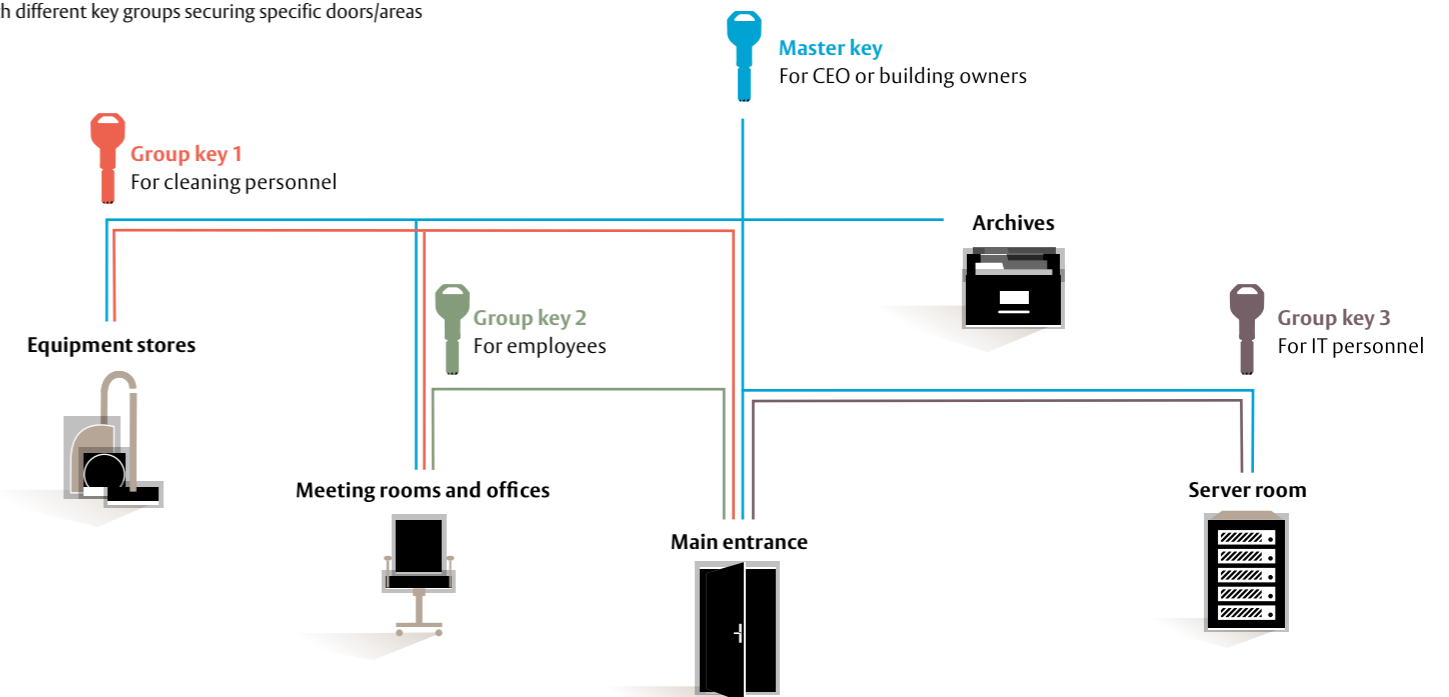
Your key to security locking systems

A CY110 Master Key System helps you tailor secure, individualised access to rooms, groups or areas. Nobody needs to carry large, inconvenient key bunches, and no one has access to rooms beyond their specific authority. CY110 is the modern master key solution

Benefits at a glance

- An affordable solution for every locking point: CY110 can secure more than just doors
- Trusted protection against unauthorised access: CY110 lets the right people in and keeps everyone else out
- Premium contemporary design and performance: CY110 hardware is hassle-free, easy to install and simple to use

Figure 1:
Sample setup of a master key hierarchy with different key groups securing specific doors/areas



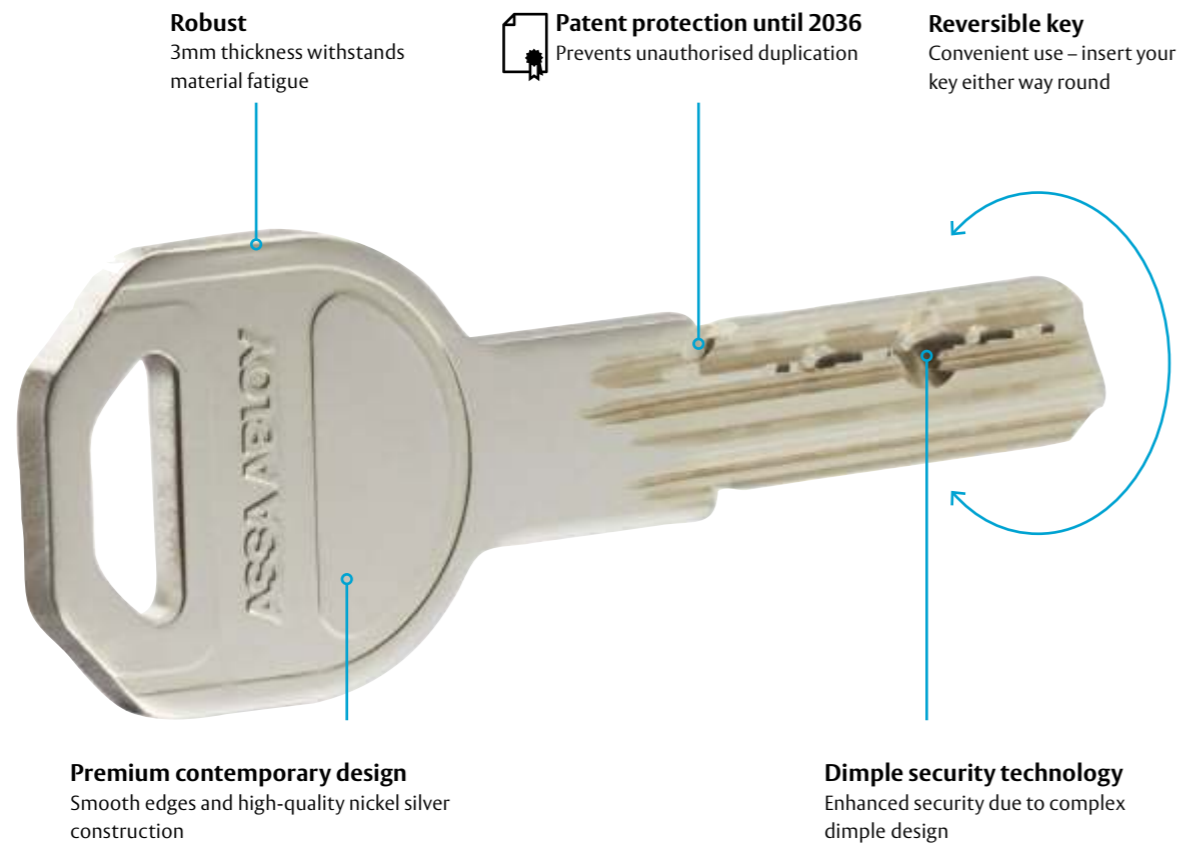
Cylinders CY 110

Security Level

Mastering all your locking challenges CY110 key

Designed for flexible master key capability

The CY110 key's intelligent design creates broad master key capability, so you can fine-tune security levels across the premises. CY110 keys are robust, with security technology patent-protected until 2036. Only certified partner may copy a CY110 Key: an individual security card* can further minimise any risk of unauthorised key sharing. *where available [Regional adaptation required](#)



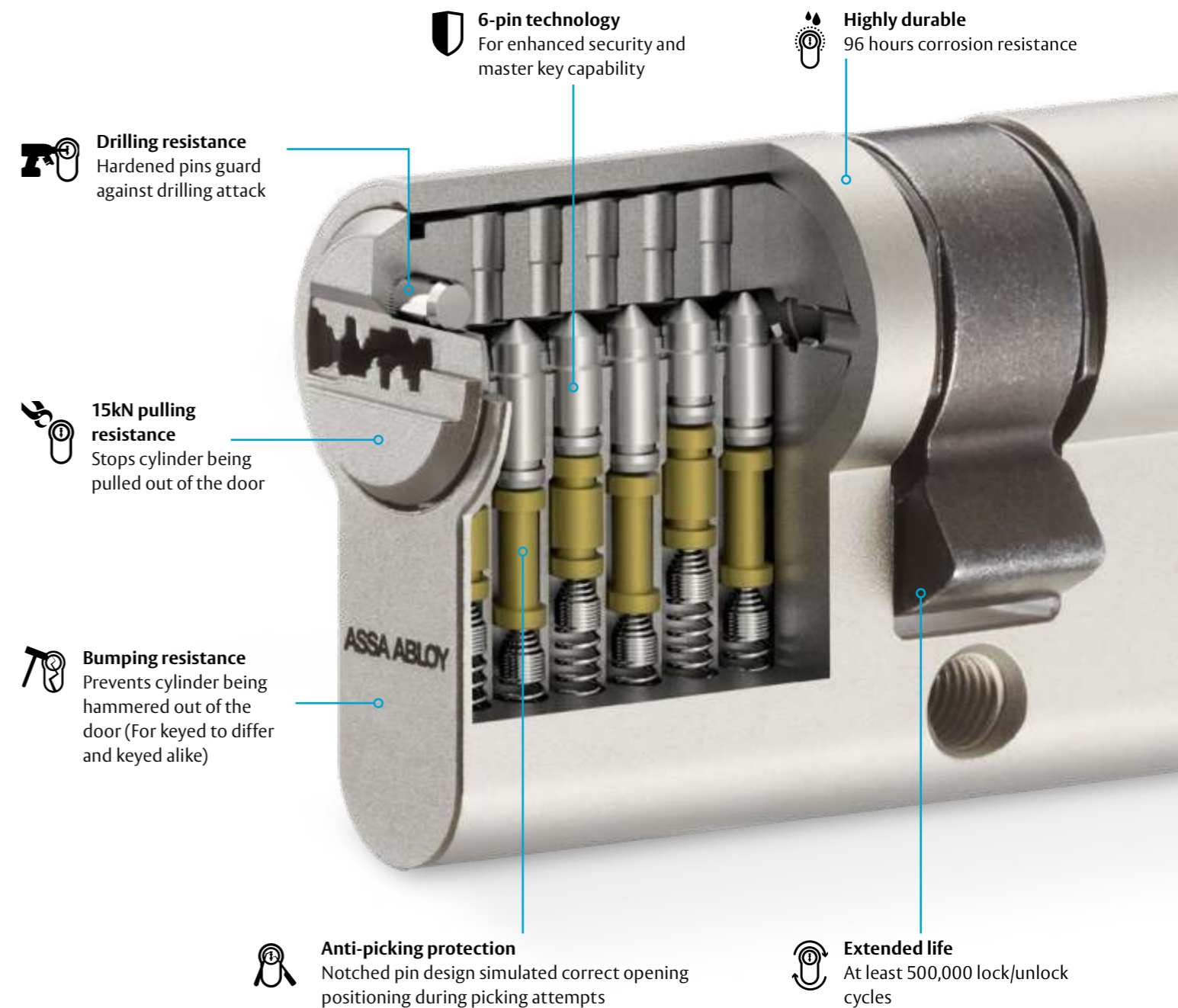
Cylinders CY 110

Certified security

CY110 cylinders and padlocks meet major European security standards: EN 1303:2015, EN 12320:2012 and SKG

Security standard	Category of use	Durability	Door mass and closing force	Fire resistance	Security	Corrosion	Key related security	Attack resistance
EN 1303:2015 CY110 Euro cylinder	1	6	–	B	–	C	5	D
EN 12320:2012 CY110 Padlock	1	1	–	–	3	3	–	–

*When used with security escutcheon



Cylinders

Application level

Double Euro Cylinder

Features

- Lengths starting at 30|30 to 80|80mm in 5mm increments
- Optional emergency cam
- Optional free-rotating cam
- Black chrome finish available



Thumbturn Double Euro Cylinder

Features

- Lengths starting at 30|30 to 80|80mm in 5mm increments
- Optional clutch release
- Optional classroom function
- Black chrome finish available



Rim Cylinder

Features

- For use with night latches
- 32mm face – 29mm body
- Widely applicable 54mm tailpiece length



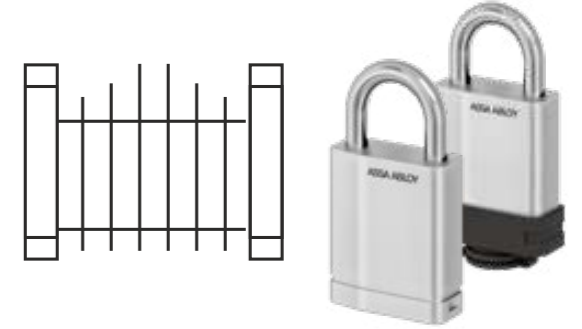
Cylinders

Application level

Padlock Gates, sheds and fences

Features

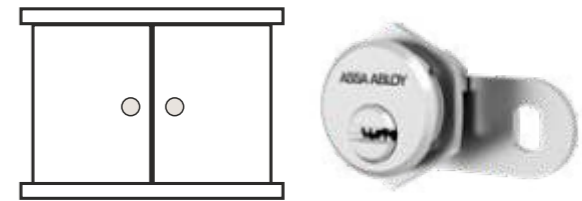
- Versatile: indoor and outdoor application (optional dust covering)
- Optional dust cover increases corrosion resistance to 240 hours
- Secure: 8mm hardened boron steel shackle and chrome-plated body



Cam lock Cabinets, drawers, and letter boxes

Features

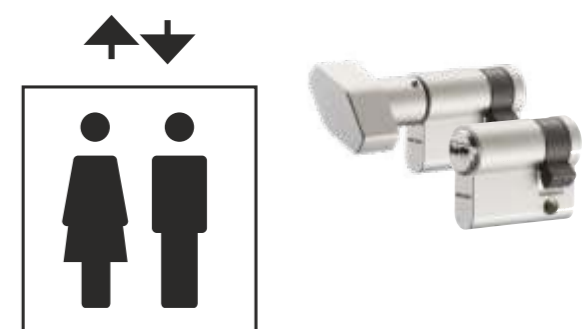
- 33mm face – 22mm body
- Key retaining to prevent being left unlocked
- Optional angled cam



Single Euro cylinder Elevators, toilets, internal doors

Features

- Lengths starting at 30|10 to 80|10mm in 5mm increments
- Multi-position cam as standard
- Thumbturn variant available
- Black chrome finish available



Cylinders CY 100

CY100

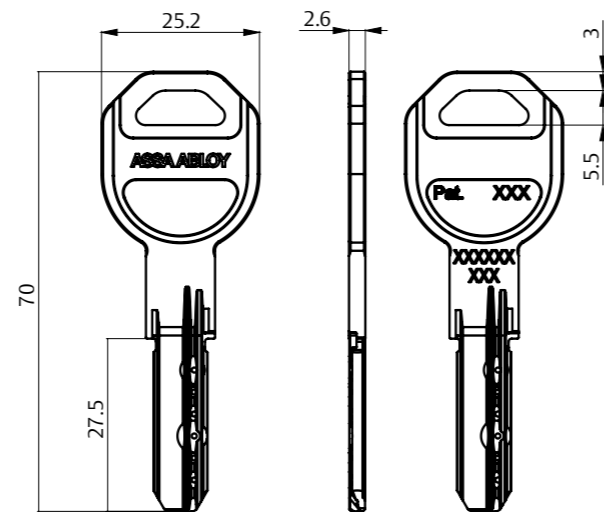
**Tired of heavy key bunches?
One key can unlock your whole home**

A single key unlocks every opening in your building. With its convenient dimple security design, the CY100 Key is reversible – it inserts and turns every time. Rounded edges protect against accidental damage. Patent protection prevents unauthorized duplication



**CY100 –
a reversible key
for all your locking points**

You no longer waste time looking for the right key. With the CY100, you can open every domestic door – and more – with the same key. And because the CY100 key is robust, secure (patentprotected until 2036) and reversible, it turns in the lock first time, every time.



Dimensions in mm

Cylinders CY 100

Bathrooms and master bedrooms

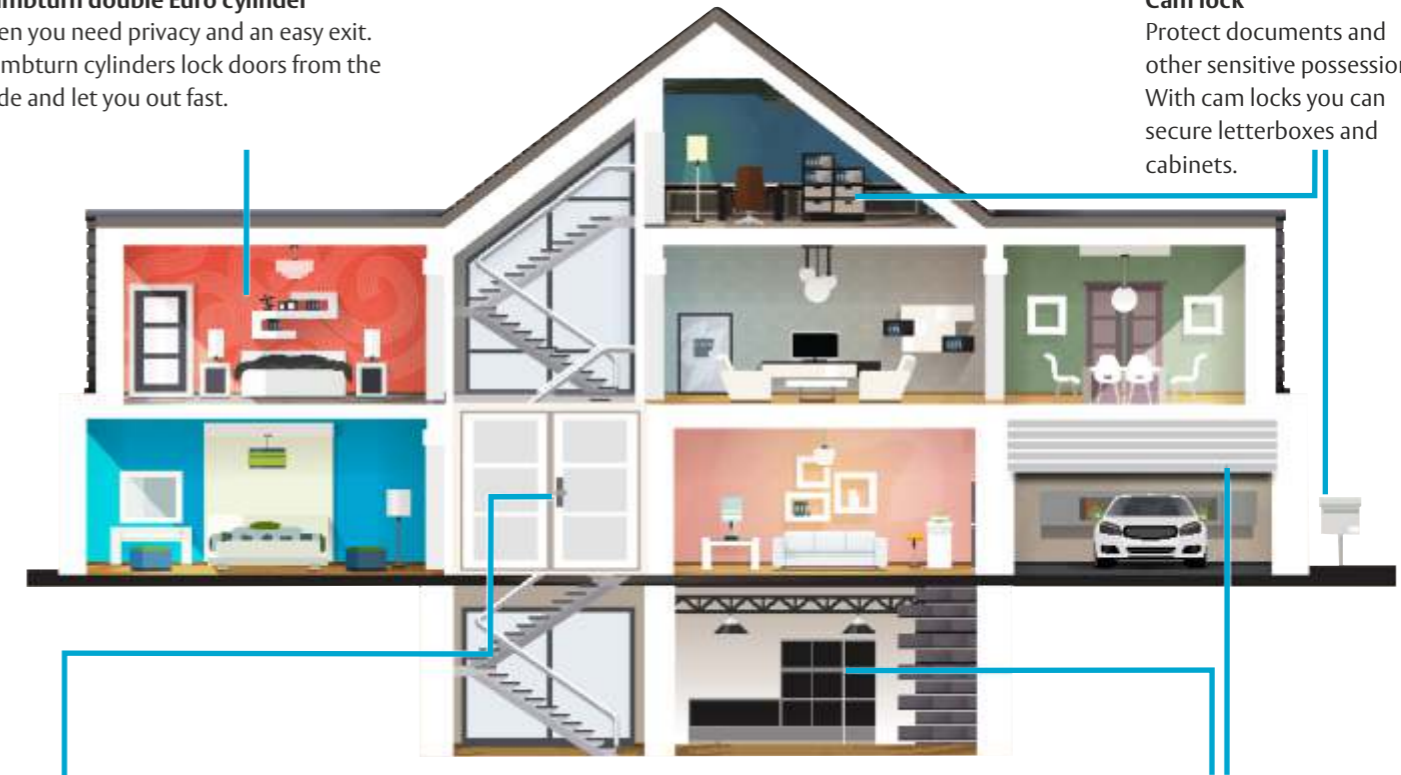


Thumbturn double Euro cylinder
When you need privacy and an easy exit. Thumbturn cylinders lock doors from the inside and let you out fast.

Letterboxes and cabinets



Cam lock
Protect documents and other sensitive possessions. With cam locks you can secure letterboxes and cabinets.



**Main entrance
and exterior doors**



**Double Euro cylinder
and rim cylinder**
Your main door needs high security standards plus resistance against weather and temperature. All CY100 cylinders are long-lasting, providing extra protection against physical attacks.

Gates and cellars



Padlock
Lock almost anything, from garages to storage boxes and even bicycles – and unlock all with the same key.

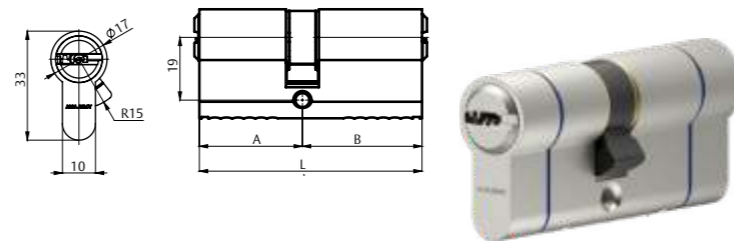
Cylinders

Application level

Double Euro Cylinder

Features

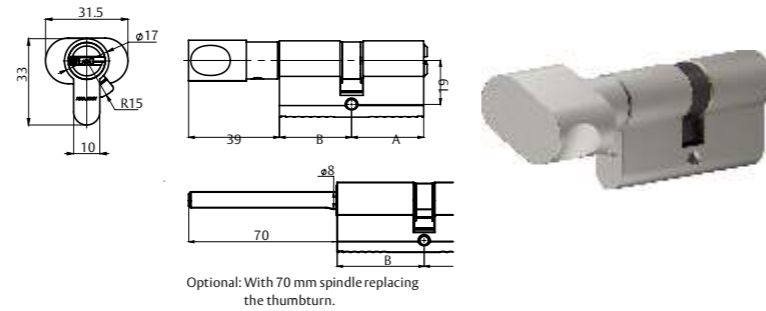
Durable and secure, the CY100 Double Euro Cylinder provides the protection you need to lock your building's doors – inside or out. Optional anti-snap protection offers additional security, keeping the cylinder's core protected when attacked.



Thumbturn Double Euro Cylinder

Features

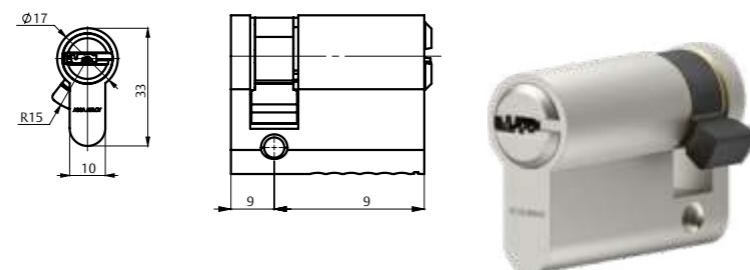
A secure solution when privacy is required: CY100 Thumbturn Cylinders securely lock doors and can quickly unlock to provide a faster exit. An optional coin slot ensures the lock can also be opened from outside in an emergency.



Single Euro Cylinder

Features

Highly durable cylinder with the performance to secure your building. Keep your interior spaces secure with the CY100 Single Euro Cylinder. The optional multi-position cam allows to turn the cam into the application's required position.



Dimensions in mm

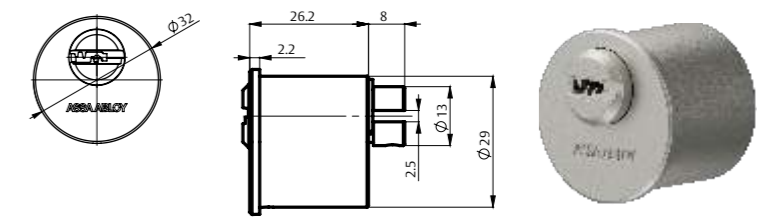
Cylinders

Application level

Rim Cylinder

Features

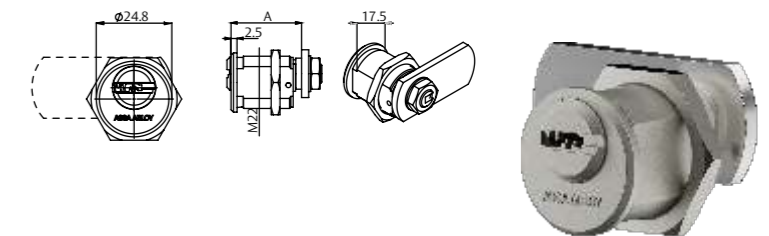
Secure entrances while at the same time, enabling anyone inside to make an easy exit. The CY100 Rim Cylinder can be used with night latches or other locking devices which are operated from a tailbar.



Cam Lock

Features

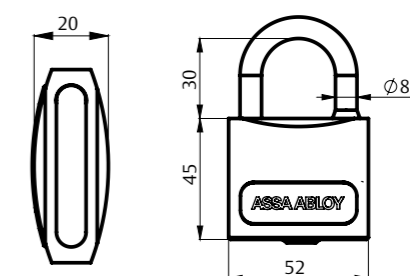
Keep sensitive documents and possessions safe. Secure and unlock your letterbox, cabinets and drawers with one single key. When in the unlocked position, the CY100 Cam Lock retains the key to prevent your possessions being left at risk



Padlock

Features

A trusted, robust padlock for multiple applications. Secure almost anything with the CY100 Padlock, inside or outdoors. Suitable for sheds, gates, fences, lockers, storage boxes, bike chains, and more.



Dimensions in mm

Cylinders

Euro Profile Cylinders

Euro Profile Cylinder Thumbturn cylinder

Model no.	Cylinder length	Finish
AACT30/30SNKD-S	Overall Length - 60mm Case Length - 30/30	Satin Nickel
AACT35/35SNKD-S	Overall Length - 70mm Case Length - 35/35	Satin Nickel
AACT40/40SNKD-S	Overall Length - 80mm Case Length - 40/40	Satin Nickel
AACT45/45SNKD-S	Overall Length - 90mm Case Length - 45/45	Satin Nickel
AACT50/50SNKD-S	Overall Length - 100mm Case Length - 50/50	Satin Nickel

Description: Thumbturn cylinder,
6 pin, Master keying optional



Euro Profile Cylinder Double cylinder

Model no.	Cylinder length	Finish
AADC30/30SNKD-S	Overall Length - 60mm Case Length - 30/30	Satin Nickel
AADC35/35SNKD-S	Overall Length - 70mm Case Length - 35/35	Satin Nickel
AADC40/40SNKD-S	Overall Length - 80mm Case Length - 40/40	Satin Nickel
AADC45/45SNKD-S	Overall Length - 90mm Case Length - 45/45	Satin Nickel
AADC50/50SNKD-S	Overall Length - 100mm Case Length - 50/50	Satin Nickel

Description: Double cylinder,
6 pin, Master keying optional



Euro Profile Cylinder Half cylinder

Model no.	Cylinder length	Finish
AAC/45-S	Overall Length - 40mm Case Length - 30/10	Satin Nickel
AATT/40-S	Overall Length - 45mm Case Length - 35/10	Satin Nickel
AAC/45-SNMK-S	Overall Length - 45mm Case Length - 35/10	Satin Nickel

Description: Half cylinder,
6 pin, Master keying optional



Cylinders

Euro Profile Cylinders

Euro Profile Cylinder Privacy cylinder

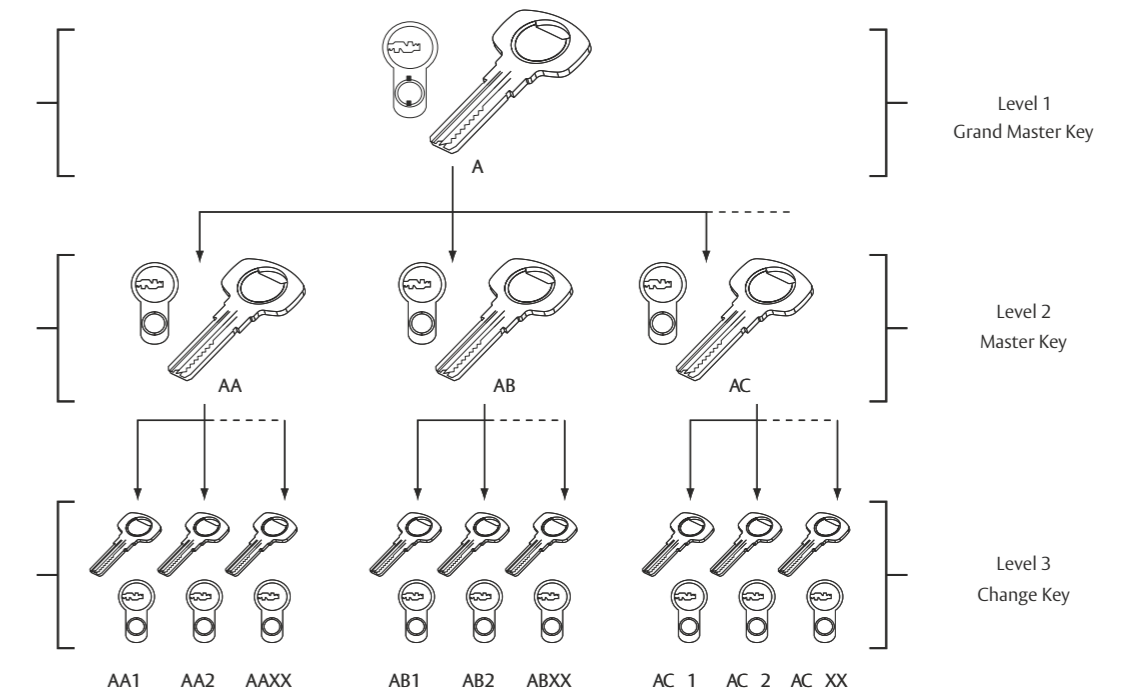
Model no.	Cylinder length	Finish
AABT/30/30-S	Overall Length 60mm Case Length - 30/30	Satin Nickel
AABT/35/35-S	Overall Length - 70mm Case Length - 35/35	Satin Nickel

Description: AA BT/30/30-S - ASSA ABLOY Bathroom (Privacy)
AA BT/35/35-S - ASSA ABLOY Bathroom (Privacy)



Master key system Hierachy

Pictorial Representation





Hinges

A hinge serves as the pivotal connection between the door and its frame, allowing for smooth opening and closing motion. Hinges consist of two plates joined by a pin or rod, with one plate attached to the door and the other to the door frame. This design enables the door to swing freely while providing stability and support. Door hinges come in various types, including butt hinges, continuous/piano hinges, and concealed hinges, each offering distinct benefits and suitable for different door applications.

Door Hinges Feature & Benefits

Door Hinges

Key features:

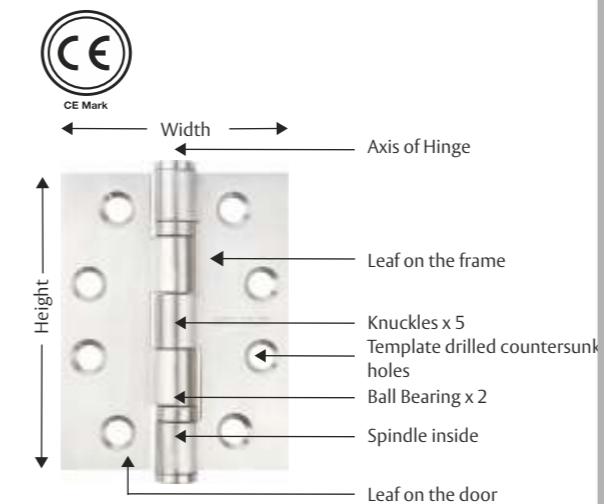
- Standard template hole pattern
- Available grade SS 304
- Fire rated
- 200,000 cycles tested
- Compliant to BS EN 1935

Key features:

- Suitable for interior and exterior door (Wooden & Metal)
- High corrosion resistance
- Suitable for fire rated doors
- High durability
- Friction resistance

Key features:

- Manufactured from high grade stainless steel
- Easily seated pin that will not rise during normal use
- Available hinges
 1. Ball bearing hinges
 2. Lift off hinge
 3. Concealed hinge
- ASSA ABLOY hinges are suitable for high traffic doors and commercial applications
- Suitable for door weight up to 120 kg



* Note: Some of the abovementioned features may not be applicable for all model of hinges
CE Marking and fire Rating is applicable for only Stainless Steel SS 304 Grade Ball Bearing hinges.



Door Hinges

Ball Bearing Hinges Specifications

Key features:

There are a few variables which must be considered and guidelines to be observed, in order to determine hinge selection for individual doors. It is recommended that the guidelines contained dimensions, the first figure always indicates the height and the second indicates the width and the third indicates the thickness.
e.g. 102mm x 76mm x 3mm

Hinge height

The appropriate hinge height for any job is dependent upon the door width, thickness and weight. The height of the hinge is the length of the flap, not including the tips of the pin, as shown in the below diagram.

Fixing screws:

Each butt hinge is supplied with the appropriate sized wood screws. Metal door screws are optional

- 8 Gauge screw for 76mm width hinges
- 10 Gauge screw for 102mm and greater with hinges

Hinge width:

The door thickness and door jamb width (also trim size if applicable) determine the width of the hinge required. The width is measured across the leaves when the hinge is fully opened as shown in the below diagram.

Finishes:

Satin Stainless Steel - SSS

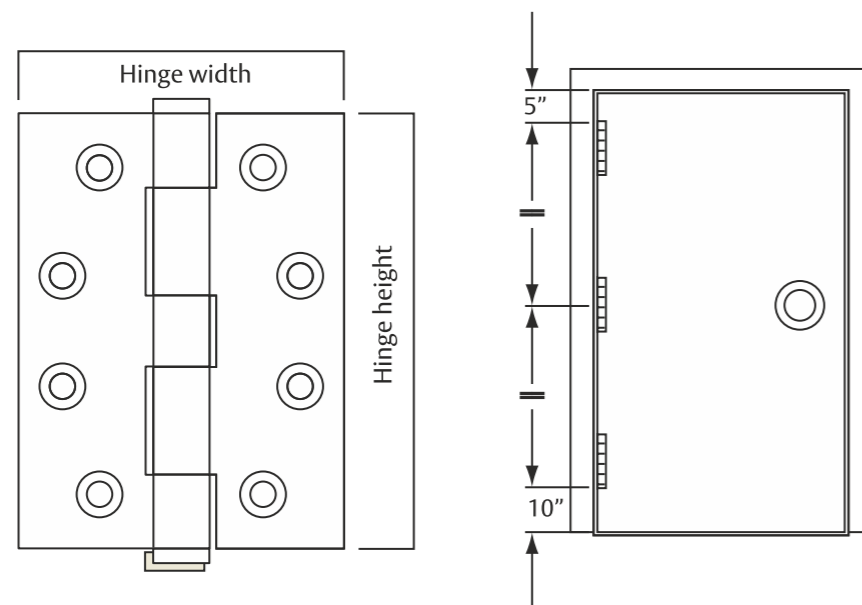
Number of hinges per door:

The following quantity of hinges are recommended for the given door heights

- Two hinges - Up to 1514mm
- Three hinges - 1514mm - 2286mm
- Four hinges - 2286mm - 3048mm

Note:

- For each additional 762mm (30") add one hinge.



Door Hinges

Door Hinges

Model no.: AH2BB-01, AH2BB-02, AH2BB-02-MS
AH2BB-03 AH2BB-04, AH2BB-05

Description:

AH2BB-01 (102 x 76 x 2.5) - 2 Ball Bearing Button Tipped SS 304

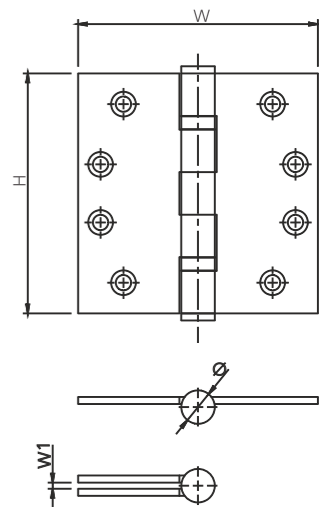
AH2BB-02 (102 x 76 x 3.0) - 2 Ball Bearing Button Tipped SS 304

AH2BB-02-MS (4.0 x 3.0 x 3.0) - 2 Ball Bearing Button Tipped SS 304, (METAL SCREW)

AH2BB-03 (127 x 76 x 3.0) - 2 Ball Bearing Button Tipped SS 304

AH2BB-04 (127 x 89 x 3.0) - 2 Ball Bearing Button Tipped SS 304

AH2BB-05 (127 x 102 x 3.0) - 2 Ball Bearing Button Tipped SS 304



Ball Bearing Hinges

Hinge Size (mm):

Height	Width	Thickness	Grade
102	76	2.5	SS304
102	76	3.0	SS304
127	76	3.0	SS304
127	89	3.0	SS304
127	102	3.0	SS304
102	102	3.0	SS304

Door Hinges

Door Hinges

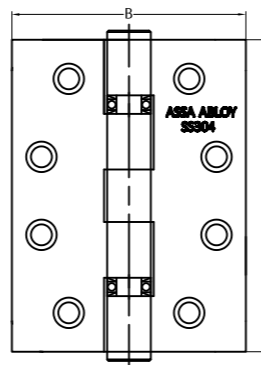
Model no.: AAH203, AAH204, AAH205, AAH206
AAH207, AAH210, AAH217, AAH218
AAH219, AAH220

Description:

- 2 Ball Bearing 5 knuckle hinges
- Square corners
- 304 stainless steel provides improved corrosion resistance
- Also available in SS316 Grade upon request
- Available with timber (W) or metal (M) door fixing : Please specify requirement on order
- Also available with Security Stud Feature (DOG BOLT) upon request
- Weight up to 120 kg
- Investigated to ANSI/BHMA A156.1
- Also evaluated in accordance with standard UL 10C.

Description:

- Satin Stainless Steel - US32D
- Matt Blck
- SS ● Matt Black



Product Information

Hinge Size (mm):

Model No.	Height	Width	Thickness
AAH203	102	76	3.0
AAH204	102	102	3.0
AAH205	102	89	3.0
AAH206	127	76	3.0
AAH207	114	102	3.4
AAH210	114	114	3.4
AAH217	114	102	3.0
AAH218	114	114	3.0
AAH219	127	89	3.0
AAH220	127	102	3.0

Note: The hinge must be bedded onto a 2mm thick intumescent behind both blades when fixed to a timber door

Available Finishes

- SSS :- Satin Stainless Steel

Door Hinges

Door Hinges

Model no.: AAH303, AAH304, AAH305, AAH306
AAH307, AAH310, AAH314D,
AAH315D, AAH316D

Description:

- Ball bearing race ideal for improved quality
- Square corners
- 304 stainless steel provides improved corrosion resistance
- Also available in Grade SS316 upon request
- Available with template or congruent (zigzag) fixing pattern: please specify requirement on order
- Available with timber (W) or metal (M) door
- Dog bolt hinges for additional security (D)
- 2ball beading hinges

Description:

- EN 1935:2002 performance-tested to 200,000 cycles on 120kg door mass
- Grade 13



Classification to EN1935
4 7 6 1 1 4 0 13

Classification to En1935
with Dogbolt
4 7 6 1 1 4 1 13



Product Information

Hinge Size (mm):

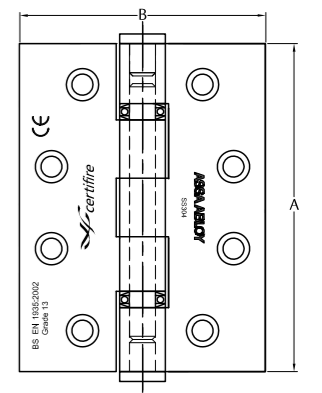
Model No.	Height	Width	Thickness
AAH303	102	76	3.0
AAH304	102	102	3.0
AAH305	102	89	3.0
AAH306	127	76	3.0
AAH307	114	102	3.4
AAH310	114	114	3.4
AAH314D	102	76	3.0
AAH315D	102	89	3.0
AAH316D	102	102	3.0

* are not approved for timber doors

Note: The hinge must be bedded onto a 2mm thick intumescent behind both blades when fixed to a timber door

Available Finishes

- SSS :- Satin Stainless Steel

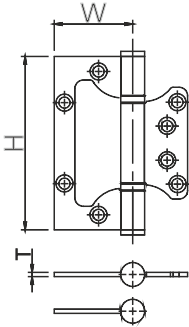


Door Hinges

Flush Hinge

Description:Stainless Steel Flush hinge

Model No.	L	W	T	Door Mass
AA-FH-01	100	70	2	40 kg
AA-FH-02	127	76	3	80 kg





Panic Bar

A panic bar, also referred to as an exit device or crash bar, is a crucial component of door hardware designed for emergency exits. It consists of a horizontal bar or push pad installed on the interior side of a door, connected to a mechanism that unlatches the door when pushed. In an emergency situation, individuals can exert even a light pressure on the panic bar, triggering the mechanism to release the door, allowing for quick and easy egress. Panic bars are engineered to ensure fast and reliable evacuation, enhancing safety in buildings and public spaces.

Panic Exit Device Feature & Benefits

Panic Exit Devices

Key features:

- Surface mounted
- Slim, neat design, surface mounted
- 200,000 cycles tested
- Fire rated
- Wide range of option

Benefits:

- Ease of installation
- Superior aesthetics
- High durability
- Suitable for fire rated doors
- External cylinder and lever option available

Standard & Certification

BS EN 1125
En1634

Technical details:

- Cross and Push bar
- Modular type – stock reduction
- 1, 2, 3 locking point versions (vertical and lateral) – RIM
- For doors up to 1200 x 2400mm in standard
- Easy installation and adjustment
- Wide range of finishes
- Compatible accessories
- Wide range of outside trims
- Hold Open and Micro switch versions
- Glass door kit
- Certified according to EN 1125:2008
- Durability of 2,00,000 cycles
- For Fire Rated applications (not HO version)
- Suitable for single and double doors

This new range of product is bases on a new modular concept and a common design, under a unique platform for both push and cross bar panic exit devices.



Panic Exit Device

Panic Exit Devices Standard Finishes

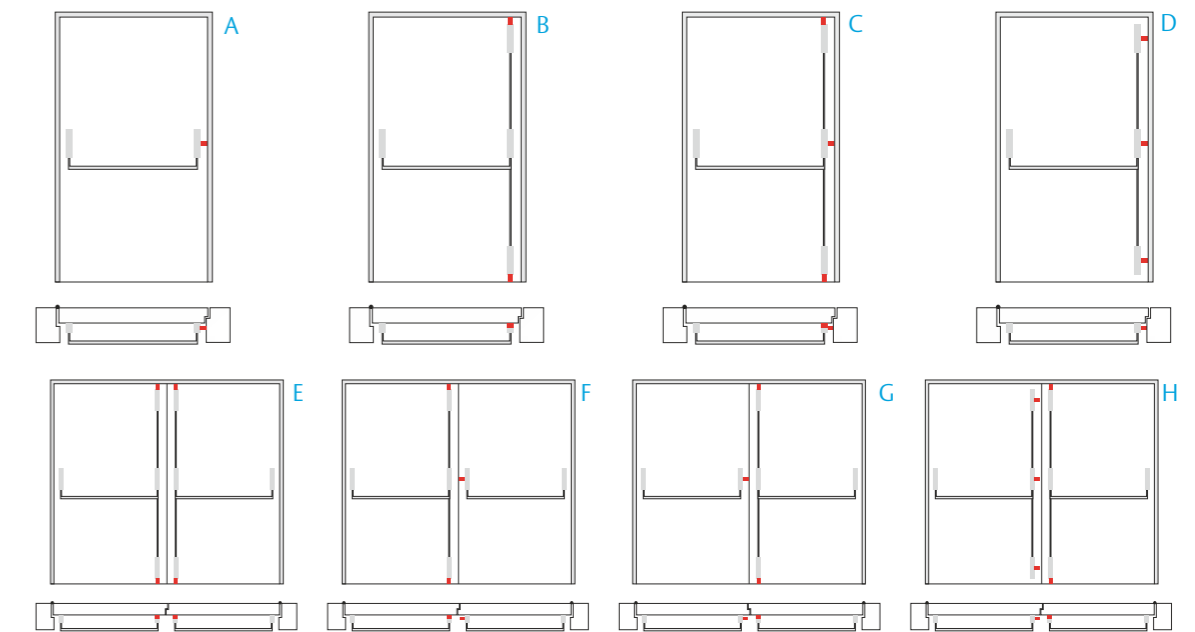
Cross bar:

Cover & Fix bar		Tube		
		Red (RAL 3000)	Silver (RAL 9006)	S/Steel
		R	G	I
Black (RAL 9005)	N	NR		
Silver (RAL 9006)	G		GG	
S/Steel effect	S			SI
S/Steel	I			II

Push bar:

Cover & Fix bar		Tube		
		Red (RAL 3000)	Silver (RAL 9006)	S/Steel
		R	G	I
Black (RAL 9005)	N	NR		
Silver (RAL 9006)	G		GG	
S/Steel effect	S			SI

Typical door installation



Panic Exit Device PED 300 Touch bar

Panic Exit Device Touch Bar - Rim Device

Model no.: PED 300

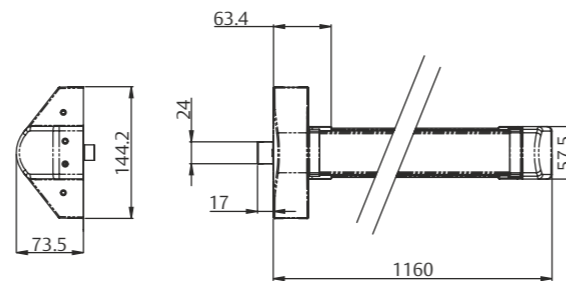
- Panic exit device with central locking point - RIM



Panic Exit Device Characteristics

PED 300:

- Modular push bar type
- For fire and smoke applications
- High durability 2,00,000 cycles
- One central locking point
- For one or double leaf door up to 200 kg
- For all types of door
- For doors up to 1200 mm width in standard
- For doors up to 1400 mm width in option
- Steel pullman latch in standard
- Dead latch in standard
- Steel or zinc alloy swing latch
- Zinc alloy cover 38 mm width
- Aluminium touch bar 1046 mm long
- Bar to be cut
- 73 mm projection
- HO function in option
- Micro switch version in option



All dimensions are in mm

Panic Exit Device PED 300 Touch bar

Panic Exit Device Touch Bar - Vertical device Vertical Locking point

Model no.: PED 300+PED/GV

- Set of 2/3 locking points PED composed of Modular Push Bar and kit for 2 vertical locking point



Panic Exit Device Characteristics

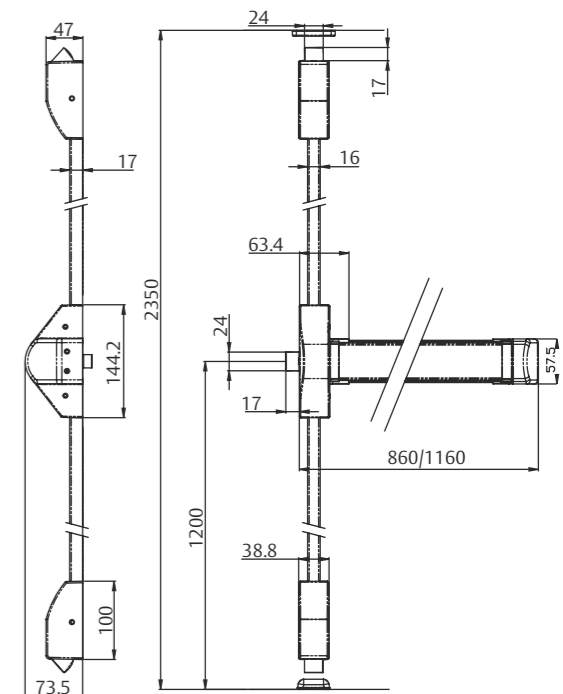
PED 300:

- Modular push bar type
- For fire and smoke applications
- High durability 2,00,000 cycles
- One central locking point
- For one or double leaf door up to 200 kg
- For all types of door
- For doors up to 1200 mm width in standard
- For doors up to 1400 mm width in option
- Steel pullman latch in standard
- Dead latch in standard
- Steel or zinc alloy swing latch
- Zinc alloy cover 38 mm width
- Aluminium touch bar 1046 mm long
- Bar to be cut
- 73 mm projection
- HO function in option
- Micro switch version in option

Panic Exit Device Characteristics

PED 300+PED/GV:

- Set of rods, rod covers and vertical latches
- To fit modular cross bar
- For 2 (top & bottom) vertical locking points installation
- For one or double leaf door
- For doors up to 2350 mm high in standard
- For doors up to 3200 mm high in option
- Steel pullman latches



Panic Exit Device PED 200 Push bar

Panic Exit Device Push Bar - Rim Device

Model no.: PED 200

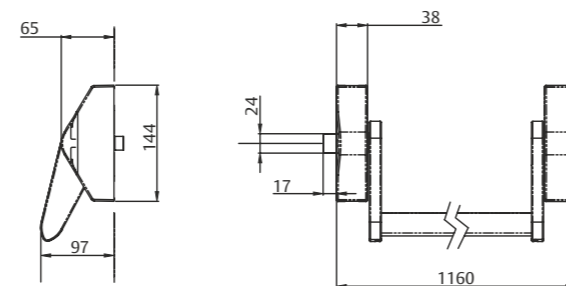
- Panic exit device with central locking point - RIM



Panic Exit Device Characteristics

PED 200:

- Modular cross bar type
- For fire and smoke applications
- High durability 2,00,000 cycles
- One central locking point
- For one or double leaf door up to 200 kg
- For all types of door
- For doors up to 1200 mm width in standard
- For doors up to 1400 mm width in option
- Steel pullman latch in standard
- Dead latch in standard
- Zinc alloy or s/steel cover 38 mm width
- Steel or s/steel bar 1075 mm long
- Bar to be cut
- 97 mm projection
- HO function in option
- Micro switch version in option



All dimensions are in mm

Panic Exit Device PED 200 Push bar

Panic Exit Device Push - Vertical device Vertical Locking point

Model no.: PED 200+PED/GV

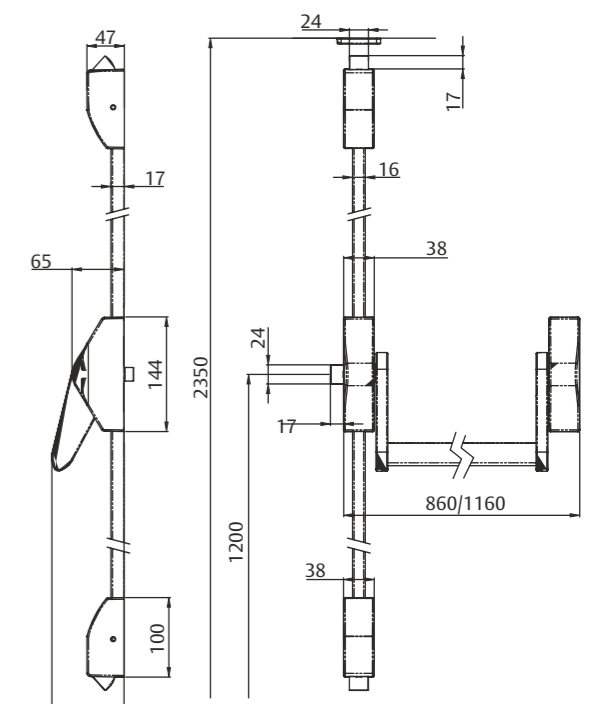
- Set of 2/3 locking points PED composed of Modular Cross Bar and kit for 2 vertical locking point



Panic Exit Device Characteristics

PED 200:

- Modular cross bar type
- For fire and smoke applications
- High durability 2,00,000 cycles
- One central locking point
- For one or double leaf door up to 200 kg
- For all types of door
- For doors up to 1200 mm width in standard
- For doors up to 1400 mm width in option
- Dead latch in standard
- Steel swing latch
- Zinc alloy or s/steel cover 38 mm length
- Steel or s/steel bar 1075 mm long
- Bar to be cut
- 97 mm projection
- HO function in option
- Micro switch version in option



Panic Exit Device Characteristics

PED 200+PED/GV:

- Set of rods, rod covers and vertical latches
- To fit modular cross bar
- For 2 (top & bottom) vertical locking points installation
- For one or double leaf door
- For doors up to 2350 mm high in standard
- For doors up to 3200 mm high in option
- Steel pullman latches

Panic Exit Device

Panic Exit Device PED 300 / PED 200

Model no.	Description
PED300/--/GG	Panic Exit Device - Touch Bar - 1200mm
PED300/--/GG + PED/GV/G	Panic Exit Device - Touch Bar - 1200mm W/Vertical 2 Pt Locking
PED200/--/GG	Panic Exit Device - Touch Bar - 1200mm
PED200/--/GG + PED/GV/G	Panic Exit Device - Touch Bar - 1200mm W/Vertical 2 Pt Locking

Panic Exit Trim Specification

Outside Device	Blind Plate	Modular Lever Handle
No outside opening	•	•
Free passing door		•
Cylinder locking - knob / / lever handle opening		•

Accessories Micro

Part No	Description
Microswitch Kit - PED 200	Microswitch Modular Kit for PED 200 Series Panic Device
Microswitch Kit - PED 300	Microswitch Modular Kit for PED 300 Series Panic Device

Panic Exit Device OT 200 - Exit trim

Panic Exit Trim point

Model no.: OT 200

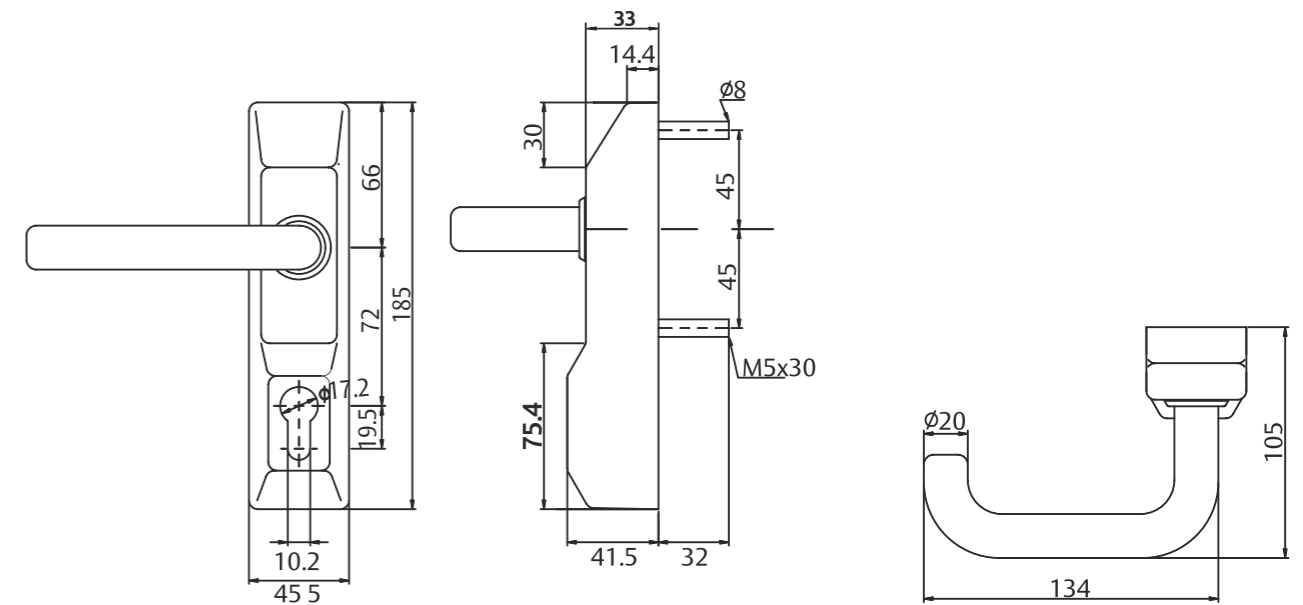
- Outside trims rim type
- With or without half euro profile cylinder
- Standards spindle suitable for doors up to 50 mm thickness

Finish

PL : Silver

NE : Black

SA : S/Steel effect



Panic Exit Trim Ordering details

Model No.	Description
PED/A/210/PL	Panic Exit Lever Trim - Passage
PED/A/220/PL	Panic Exit Lever Trim - W/Cylinder Hole
PED/A/230/PL	Panic Exit Knob Trim - W/Cylinder Hole

Panic Exit Device Feature & Benefits

Panic Exit Device

Model no.: AAED 400 Series

- Surface mounted, rim type
- Slim, neat design
- 500,000 cycles tested
- Fire rated for 3 hours



Standard & Certification

ANSIA156.3 Grade 1

Technical Details

- Rim type push bar
- Half length, 1045mm as standard
- For doors up to 1200 x 2400mm in standard
- Easy installation and adjustment
- Compatible accessories
- UL listed for fire exit hardware up to 3 hours
- Suitable for single leaf and double leaf doors
- With satin chrome external lever trim

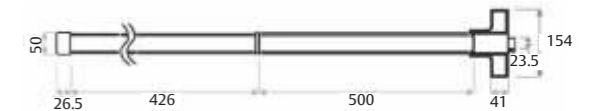
All dimensions are in mm

Panic Exit Device AAED 400 Series

Panic Exit Device

Model no.: AAED 401

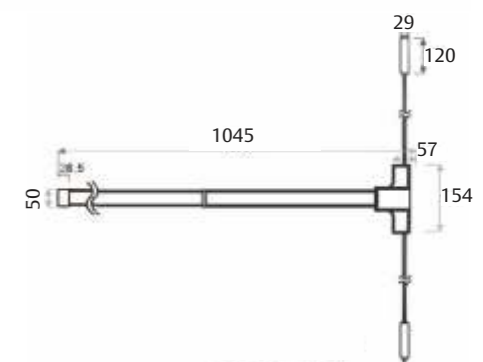
- Panic exit device with central locking point - RIM
- Painted galvanized steel or stainless steel finish
- With AAET411SC external lever trim in satin chrome finish



Panic Exit Device

Model no.: AAED 402

- Panic exit device with double locking points - RIM
- For standard door height 2400mm
- Option available for 3000mm door height
- Painted galvanized steel or stainless steel finish
- With AAET411SC external lever trim in satin chrome finish

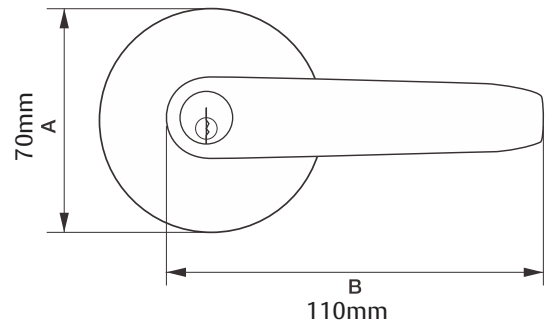


Panic Exit Device AAED 400 Series

Panic Exit Device

Model no.: AAET411SC

- Panic exit trim in satin chrome finish



How to order

Code example

AAED401P

Finish Code

S - Stainless Steel

P - Painted

Locking Code

1 = Single-point locking

2 = Double-point locking

For 3000mm door height, please order AAED402P - 3000

or AAED402SS - 3000



Pull Handle

A pull handle, also known as a door pull or handle, is a type of door hardware designed to provide a grip for opening and closing doors easily. Pull handles typically consist of a solid, elongated structure, such as a bar or rod, that protrudes from the surface of the door. They offer a comfortable grip and leverage for users to exert force when operating the door, enhancing user convenience and accessibility.

Pull Handles

Feature & Benefits

Pull Handle

Key features:

- Made of SS 304
- Exclusive range
- Concealed mounting

Benefits

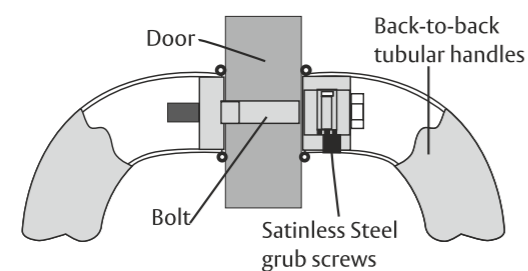
- High corrosion resistance
- High durability
- Choice of design
- Suitable for external environment

Compliance to BS8424:2003

Technical details:

- Tubular Pull Handle
- Door thickness
30mm to 50mm - Timber & Metal door
10mm - 12mm - Glass door
- Spindle - 8mm X 8mm
- Available length (CTC): 350-1500
- Back to back bolting arrangement
- Optional one side fixing
- Optional extended spindle
- Finish SSS - US32D, PSS - Us32

ASSA ABLOY Pull Handles are manufactured using the finest material to incorporate the maximum standards in style, durability, finish and design.



AEH - 01 Series

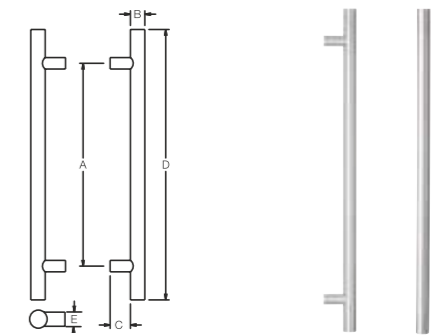
Model No.: AEH-01, AEH-01A, AEH-01B, AEH-01C, AEH-01D, AEH-01E

Description.: ASSA ABLOY H - Type tubular Pull Handle Back-to-back mount

Door thickness.: 12mm Glass, 38-50mm, Aluminium and Timber (Please specify)

Finish.: Satin Stainless Steel - US32D (Standard)
Polished Stainless Steel - US32 (Option)
Black Matt

● SSS ● PSS ● MB



Ordering no.	A	B	C	D	E
AEH - 01	350mm	25mm	45mm	450mm	25mm
AEH - 01A*	450mm	32mm	45mm	600mm	25mm
AEH - 01B*	600mm	32mm	45mm	750mm	25mm
AEH - 01C	900mm	32mm	45mm	1050mm	25mm
AEH - 01D	1200mm	32mm	45mm	1350mm	25mm
AEH - 01E	1500mm	32mm	45mm	1650mm	25mm

Pictured

AEH - 02 Series

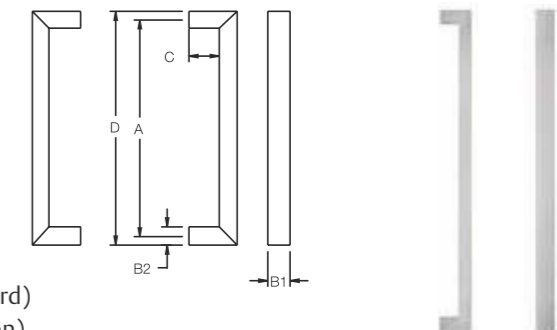
Model No.: AEH-02A-S, AEH-02B, AEH-02C, AEH-02D, AEH-02E

Description.: ASSA ABLOY H - Type Square Pull Handle Back-to-back mount

Door thickness.: 12mm Glass, 38-50mm, Aluminium and Timber (Please specify)

Finish.: Satin Stainless Steel - US32D (Standard)
Polished Stainless Steel - US32 (Option)
Black Matt

● SSS ● PSS ● MB



Ordering no.	A	B1	B2	C	D
AEH - 02A-S*	450mm	40mm	20mm	60mm	475mm
AEH - 02B*	600mm	40mm	20mm	60mm	625mm
AEH - 02C	900mm	40mm	20mm	60mm	475mm
AEH - 02D	1200mm	40mm	20mm	60mm	1225mm
AEH - 02E	1500mm	40mm	20mm	60mm	1525mm

Pictured

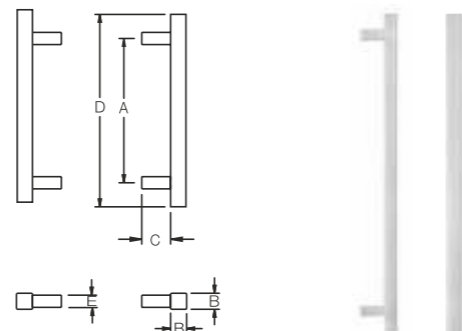
Pull Handles

AEH - 03 Series

Model No.: AEH - 03A & AEH - 03B
Description.: ASSA ABLOY H - Type Square Pull Handle Back-to-back mount

Door thickness.: 12mm Glass, 38-50mm, Aluminium and Timber (Please specify)

Finish.: Satin Stainless Steel - US32D (Standard)
 Polished Stainless Steel - US32 (Option)
 Black Matt
 ● SSS ● PSS ● MB



Ordering no.	A	B	C	D	E
AEH - 03A	375mm	20mm	40mm	450mm	19mm
AEH - 03B	525mm	20mm	40mm	600mm	19mm

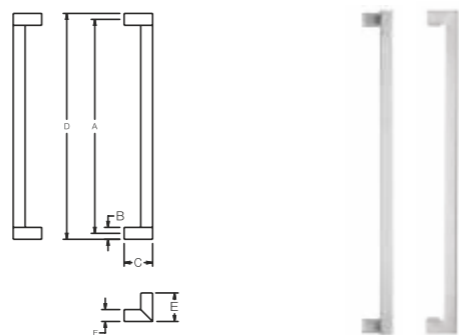
Pictured

AEH - 04 Series

Model No.: AEH-04A, AEH-04B, AEH-04C, AEH-04D, AEH-04E
Description.: ASSA ABLOY H - Type Square offset Pull Handle Back-to-back mount

Door thickness.: 12mm Glass, 38-50mm, Aluminium and Timber (Please specify)

Finish.: Satin Stainless Steel - US32D (Standard)
 Polished Stainless Steel - US32 (Option)
 Black Matt
 ● SSS ● PSS ● MB



Ordering no.	A	B	C	D	E	F
AEH - 04A	450mm	25mm	60mm	475mm	60mm	25mm
AEH - 04B	600mm	25mm	60mm	625mm	60mm	25mm
AEH - 04C	900mm	25mm	60mm	925mm	60mm	25mm
AEH - 04D	1200mm	25mm	60mm	1225mm	60mm	25mm
AEH - 04E	1500mm	25mm	60mm	1525mm	60mm	25mm

Pictured

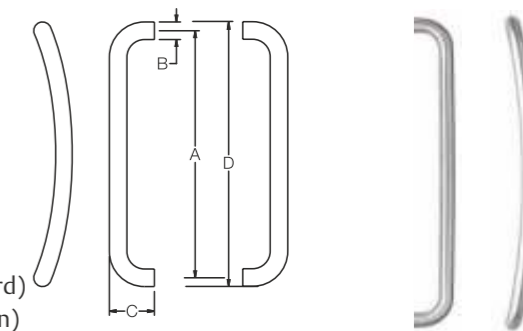
Pull Handles

AEH - 05 Series

Model No.: AEH-05A & AEH-05B
Description.: ASSA ABLOY D - Type Curved Pull Handle Back-to-back mount

Door thickness.: 12mm Glass, 38-50mm, Aluminium and Timber (Please specify)

Finish.: Satin Stainless Steel - US32D (Standard)
 Polished Stainless Steel - US32 (Option)
 Black Matt
 ● SSS ● PSS ● MB



Ordering no.	A	B	C	D
AEH - 05A	450mm	32mm	80mm	482mm
AEH - 05B	600mm	32mm	80mm	632mm

Pictured

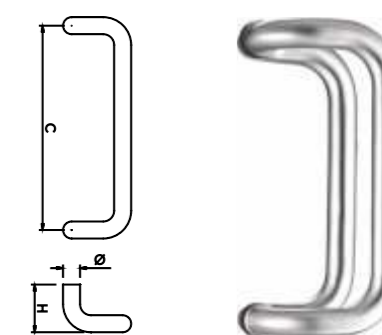
AEH - 06 Series

Model No.: AEH - 06A, AEH - 06A-S & AEH - 06A-MB-S
 AEH - 06B, AEH - 06B-S, & AEH - 06B-MB-S
 AEH - 06C, AEH - 06C-S, & AEH - 06C-MB-S

Description.: ASSA ABLOY H - Type offset entrance Pull Handle Back-to-back mount

Door thickness.: 12mm Glass, 38-50mm, Aluminium and Timber (Please specify)

Finish.: Satin Stainless Steel - US32D (Standard)
 Polished Stainless Steel - Us32 (Option)
 Black Matt
 ● SSS ● PSS ● MB



Ordering no.	Ø	C
AEH - 06A	25mm	300mm
AEH - 06B	25mm	450mm
AEH - 06C	25mm	600mm

Pictured

Pull Handles

AEH - 11 Series

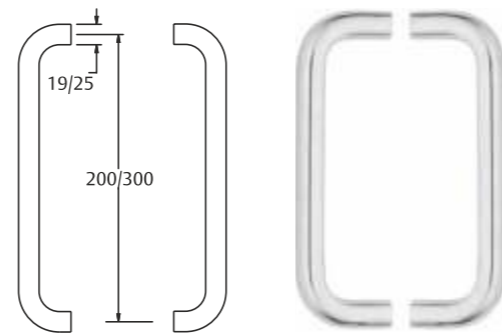
Model No.: AEH-11-200, AEH-11A-300, AEH-11B-300

Description.: ASSA ABLOY D - Type Pull Handle
Back-to-back mount

Door thickness.: 12mm Glass, 38-50mm, Aluminium and Timber
(Please specify)

Finish.: Satin Stainless Steel - US32D (Standard)
Polished Stainless Steel - US32 (Option)
Black Matt
● SSS ● PSS ● MB

Note: Should single side is required, cap and screws are provided on request.
Extended spindle option door thickness 65mm - 100mm



Ordering no.	Height	Dia
AEH - 11 - 200	200mm	19mm
AEH - 11A-300	300mm	25mm
AEH - 11B-300	300mm	19mm

Pictured

ADP Series

Model No.: ADP-01, ADP-02

Description.: ADP-01 ASSA ABLOY - 10mm X 10mm
Standard D pull SSS - Single side
ADP-02 ASSA ABLOY - 150mm X 19mm
Standard Pull SSS - Single side

Finish.: Satin Stainless Steel



Ordering no.	Height	Dia
ADP-01	100mm	10mm
ADP-02	150mm	19mm

Pictured





General Hardware

General hardware encompasses a wide range of accessories providing additional protection and functionality to the door, including items such as viewers, door guards and chains, bolts, plates, and more. General hardware provides functional support, ensures additional security, and facilitates the indication of information on doors such as accessible spaces in various building environments.

General Hardware Feature & Benefits

General Hardware

Key features:

- Suitable for use in commercial and residential buildings
- A range of general door hardware suitable for most door applications

Benefits

- Ease of door operations
- Aesthetics and functions
- Safety and security
- Protection of doors and walls

Compliance to BS8424:2003

Technical details:

General hardware range

- Door Stops
- Coat / Robe Hooks
- Door Chains
- Bolts
- Door Viewer
- Barrel Bolts
- Timber and Aluminium Flush Bolts
- Sliding Door Hardware
- Push and Pull Plates

ASSA ABLOY Pull Handles are manufactured using the finest material to incorporate the maximum standards in style, durability, finish and design.



General Hardware

Rectangular Flush Pulls

Model No.:

AFP-01, AFP-02

Description.:

AFP-01 120mm x 50mm Rectangular concealed fix flush pull SSS
AFP-02 150mm x 50mm Rectangular concealed fix flush pull SSS
Suitable for use on sliding doors

Dimension.:

AFP-01 - 120mm x 50mm
AFP-02 - 150mm x 50mm

Finish.:

Satin Stainless Steel



Square and Round Flush Pulls

Model No.:

AFP-03, AFP-04

Description.:

AFP-03 Square concealed fix flush pull SSS suitable for use on sliding door
AFP-04 Round concealed fix flush pull SSS suitable for use on sliding door

Dimension.:

AFP-03- 65mm x 65mm
AFP-04 - 65mm diameter

Finish.:

Satin Stainless Steel



Flush Ring Pulls

Model No.:

AFP-05

Description.:

AFP-05 Visible fix flush ring pull SSS

Dimension.:

AFP-05-43mm x 63mm

Finish.:

Satin Stainless Steel



General Hardware

Half moon Door stops

Model No.: AFS-01, AFS-01 MB, AFS-01-S
Description.: Half moon floor door stop SSS
Dimension.: 45mmØ
Finish.: Satin Stainless Steel - US32D
Matt Black
● SS ● Matt Black



Elite Door stops

Model No.: AFS-02
Description.: Elite floor door stop SSS
Dimension.: Ø35mm x 40mm (H)
Finish.: Satin Stainless Steel



Conical Floor Door stops

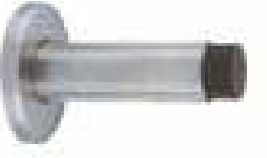
Model No.: AFS-03
Description.: AFS-03 Conical Floor Door Stopper SC
Finish.: Satin Chrome Plated



General Hardware

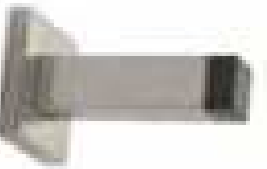
Cylinder Wall Door stops

Model No.: AWS-01, AWS-01-S
Description.: Cylindrical wall door stop SSS
Dimension.: Ø19mm x 63mm(H)
Finish.: Satin Stainless Steel



Square wall Door stops

Model No.: AWS-02 / AWS-02B
Description.: Square wall door stop SSS for door stop with backplate please order AWS-02B
Dimension.: 16mm x 16mm x 66mm
Finish.: Satin Stainless Steel



Cat-Robe Hook

Model No.: ARH-05
Description.: Robe hook and bumper SSS
Dimensions.: 20mm(W) x 73mm(H)
Finish.: Satin Chrome Plated



General Hardware

Door chain

Model No.: ADSS-01
Description.: Security door chain SC
Dimension.: 25mm x 51mm x 100mm (min)
Finish.: Satin Chrome



Security guard

Model No.: ADSS-02
Description.: Security door guard SC
Finish.: Satin Chrome
Matt Black
● SS ● Matt Black



Door viewer

Model No.: ADSS-03
Description.: 180° door viewer SSS
Dimension.: 40mm to 75mm
Finish.: Satin Stainless Steel



General Hardware

Security door bolt

Model No.: ADSS-04, ADSS-04-S
Description.: Hex key security door bolt SC
Dimension.: 25mm x 51mm
Finish.: Satin Chrome



Euro cylinder pull

Model No.: ACP-01
Description.: Euro cylinder pull SSS
Dimension.: 45mm x 76mm
Finish.: Satin Chrome



Tower bolts

Model No.: ATB-6RG-SS-304P, ATB-8RG-SS-304P, ATB-10RG-SS-304P, ATB-12RG-SS-304P, ATB-18RG-SS-304P,
Description.: ATB-06RG-SS-304P, 150mm, SS304, SS
ATB-08RG-SS-304P, 200mm, SS304, SS
ATB-10RG-SS-304P, 250mm, SS304, SS
ATB-12RG-SS-304P, 300mm, SS304, SS
ATB-18RG-SS-304P, 450mm, SS304, SS
Finish.: Satin Stainless Steel



General Hardware

Recessed Timber Door Flush Bolts

Model No.: ABT-01, ABT-02, ABT-03
Description.: ABT-01 200mm Recessed Timber door flush bolt SSS
 ABT-02 250mm Recessed Timber door flush bolt SSS
 ABT-03 450mm Recessed Timber door flush bolt SSS
Dimension.: ABT-01-200mm
 ABT-02-250mm
 ABT-03-450mm
Finish.: Satin Stainless Steel



Manual Flush Bolts For Wooden Doors

Model No.: AC 902
Description.: Area of application: For wooden doors – To manually secure the inactive leaf on pairs of doors
 Bolt throw: 3/4" (19 mm) Bolt head allows for 1/2" (13 mm) adjustment
 Bolt backset: 3/4" (19 mm)
 Fire Rating: 1 1/2 h
 Standard: Conforms to ANSI/ BHMA A156.16
Finish.: Brass and steel, Brass and stainless steel



Flush Bolts

Model No.: ABA-01, ABA-02, ABA-03
Description.: ABA-01 200mm Recessed Metal and aluminum door flush bolt SSS
 ABA-02 450mm Recessed Metal and aluminum door flush bolt SSS
 ABA-03 600mm Recessed Metal and aluminum door flush bolt SSS
 AAA-405 300mm Flush bolt Metal doors - for fire rated doors
Dimension.: ABA-01-200mm
 ABA-02-450mm
 ABA-03-600mm
Finish.: Satin Stainless Steel
 Matt Black
 ● SS ● Matt Black



General Hardware

Manual Flush Bolts For Metal Doors

Model No.: AC 901
Description.: Area of application: For metal doors – To manually secure the inactive leaf on pairs of doors
 Bolt throw: 3/4" (19 mm) Bolt head allows for 1/2" (13 mm) adjustment
 Bolt backset: 3/4" (19 mm)
 Threaded bolt length: Ships standard with 12" (305 mm), suitable for doors up to 96" (2438 mm) in height
 Fire Rating: 3 h
 Standard: Conforms to ANSI/ BHMA A156.16
Finish.: Brass and steel, Brass and stainless steel



Automatic Flush Bolts For Metal Doors

Model No.: AC 909
Description.: Area of application: For metal doors – To automatically secure the inactive leaf on pairs of swinging doors. Opening of active leaf automatically retracts top and bottom bolts.
 Bolt throw: 3/4" (19 mm) Bolt head allows for 1/2" (13 mm) adjustment
 Bolt backset: 3/4" (19 mm)
 Fire Rating: 3 h
 Standard: Conforms to ANSI/ BHMA A156.3
Finish.: Brass and steel, Brass and stainless steel



Automatic Flush Bolts For Wooden Doors

Model No.: AC 910
Description.: Area of application: For wooden doors – To automatically secure the inactive leaf on pairs of swinging doors. Opening of active leaf automatically retracts top and bottom bolts.
 Bolt throw: 3/4" (19 mm) Bolt head allows for 1/2" (13 mm) adjustment
 Bolt backset: 3/4" (19 mm)
 Fire Rating: 1 1/2 h
 Standard: Conforms to ANSI/ BHMA A156.3
Finish.: Brass and steel, Brass and stainless steel



General Hardware

Grab Bar

Model No.: AAGB - 01, AAGB - 02, AAGB - 02 MB
Description.: GRAB BAR
Dimension.: AAGB - 01 450mm length 25mm diameter
AAGB - 02 600mm length 25mm diameter
Finish.: Satin Stainless Steel
Matt Black
● SS ● Matt Black



Dust Proof Strike

Model No.: AC 903
Description.: Area of application: Designed to eliminate dust and debris from collecting in the floor strike. Plate is removable, making it versatile for carpet, threshold and concrete installations. Compatible with flush bolts in this catalog.
Standard: Conforms to ANSI/ BHMA A156.16
Finish.: 626 (US26D)



Flush Bolt Accessories

Model No.: AFBA - 01
Description.: Mortise universal flush bolt floor ferrule SC
Dimension.: 39mm (H)
Finish.: Satin Chrome



General Hardware

Roller bolts

Model No.: ABR - 01
Description.: Mortise adjustable roller bolt SC
Dimension 22mm x 76mm x 45mm
Finish.: Satin Chrome



Toiler Indicator Bolt Set

Model No.: ABTI - 01
Description.: Mortise toiler indicator set (60mm backset) SSS
Dimension.: 22mm x 77mm x 80mm
Finish.: Satin Stainless Steel



Flush Ring Pull Latchset

Model No.: AFRPL - 01
Description.: Mortise flush ring pull latchset SSS
Dimension.: Ø76mm x 12mm turns
Finish.: Satin Stainless Steel



General Hardware

Sliding Cavity Door Lock Furniture Cylinder Escutcheon Set

Model No.: ASLF-01
Description.: Euro mortise sliding door lock cylinders escutcheon set flush pull SSS
Dimension.: Ø51mm
Finish.: Satin Stainless Steel



Sliding Cavity Door Lock Furniture Privacy Set

Model No.: ASLF - 02
Description.: Euro mortise sliding door lock privacy flush pull SSS
Dimension.: Ø51mm
Finish.: Satin Stainless Steel



Automatic Flush Bolt

Model No.: AFFB-01
Description.: Door Automatic Flush Bolt SSS
Dimension.: 31mm x 203mm
Finish.: Satin Stainless Steel



General Hardware

Door Push Plate

Model No.: APP - 3075, APP - 3100
Description.: Visible fix push plate SSS
Dimension
APP - 3075 - 300mm x 75mm
APP - 3100 - 300mm x 100mm
Finish.: Satin Stainless Steel



Door Pull Plate

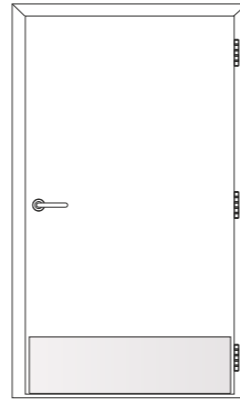
Model No.: APOP - 3075, APOP - 3100
Description.: Visible fix plate with D pull SSS
Dimension.:
APOP - 3075 - 300mm x 100mm
APOP - 3100 - 300mm x 100mm
Finish.: Satin Stainless Steel



General Hardware

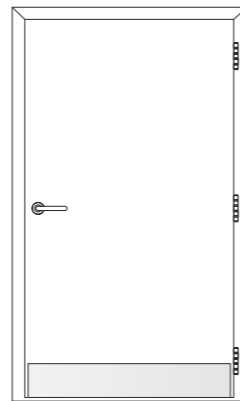
Kick Plates

Model No.: AKP-200-01, AKP-200-02, AKP-300-01, AKP-300-02
Description.: Kick Plate
Dimension.: AKP-200-01 - 900 X 200 X 1 MM
AKP-200-02 - 1200 X 200 X 1 MM
AKP-300-01 - 900 X 300 X 1 MM
AKP-300-02 - 1200 X 300 X 1 MM
Finish.: Satin Stainless Steel



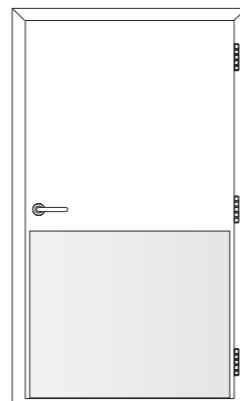
Mop Plates

Model No.: AMP-100-01, AMP-100-02, AMP-150-01, AMP-150-02
Description.: Mop Plate
Dimension.: AMP-100-01 - 900 X 100 X 1 MM
AMP-100-02 - 1200 X 100 X 1 MM
AMP-150-01 - 900 X 150 X 1 MM
AMP-150-02 - 1200 X 150 X 1 MM
Finish.: Satin Stainless Steel



Armour Plates

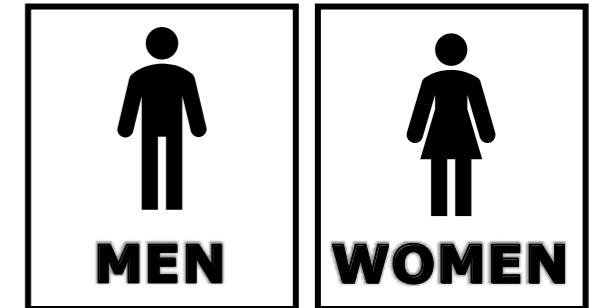
Model No.: AAP-900-01, AAP-900-02
Description.: Armour Plate
Dimension.: AAP-900-01 - 900 X 900 X 1 MM
AAP-900-02 - 1200 X 900 X 1 MM
Finish.: Satin Stainless Steel



General Hardware

Male / Women Sign Plates

Model No.: AMSP-01 / AFSP-01
Description.: Male / Women sign plate for WC application with fixing screws size 125 x 125mm, rounded corners in ss 304 grade. Marking in black (1mm thick)
Dimension.: 125mm x 125mm
Finish.: Satin Stainless Steel



Disable Sign Plates

Model No.: ADSP-01
Description.: Disable sign plate for WC application with fixing screws size 125 x 125mm, rounded corners in ss 304 grade. Marking in black (1mm thick)
Dimension.: 125mm x 125mm
Finish.: Satin Stainless Steel





Complete Entrance Solutions

General hardware encompasses a wide range of accessories providing additional protection and functionality to the door, including items such as viewers, door guards and chains, bolts, plates, and more. General hardware provides functional support, ensures additional security, and facilitates the indication of information on doors such as accessible spaces in various building environments.

Automatic Sensor Door Complete Entrance Solutions

Revolving Doors

Revolving Doors

ASSA ABLOY designs and builds automatic door systems to meet every need of our customers with uncompromising excellence and quality. We deliver complete entrances to ensure the best combined function and appearance. ASSA ABLOY door systems can be precisely matched to suit the specific requirements of a broad variety of individual projects. Widths, heights, profiles and sensor can be adjusted to create an automatic door to fit the exact demands of any project. This flexibility allows the widest possible utilization of advanced automatic doors without compromising reliability and attractive design.

ASSA ABLOY service organisation will partner with you to ensure continuous trouble-free performance and extend the life-cycle of your entrance. Additionally, ASSA ABLOY world-wide network of service teams and technicians is uniquely positioned to provide fast, efficient and high-quality service and maintenance for ALL automatic doors, regardless of the manufacturer.

With a global clientele and sales in some 70 countries, ASSA ABLOY has the largest installed base of automatic doors in the industry. Since it was first established in 1962, ASSA ABLOY has come to specialize in a variety of automatic door solutions for a number of key industries within the retail, healthcare, transportation and hospitality sectors.



Automatic Sensor Door Revolving Doors

RD - 150



Application

Building that benefit from climate control

- Public Buildings
- Hotels
- Transportation Segment
- Healthcare

Options

Slim Frame
Power coated
Anodized
Stainless Steel Cladding

Width

1.8-3 m

Ratings



3-4 Wing RD3 and RD4



Application

Building that benefit from climate control

- Public Buildings
- Hotels
- Transportation Segment
- Healthcare

Options

Slim Frame
Power coated
Emergency Breakout
Stainless Steel Cladding

Width

1.8-3.6 m

Ratings



RD - 100 Semi Automatic



Application

Building that benefit from climate control

- Public Buildings
- Hotels
- Transportation Segment
- Healthcare

Options

Power coated
Anodized - Clear, Bronze
Stainless Steel Cladding

Width

1.8-3 m

Ratings




Climate Control
 Security, theft protection
 Sturdiness, impact resilience
 Traffic Volume
 Handicap Access

Note: RD300 for full glass revolving door is available at special request. ASSA ABLOY Unitrun for large traffic flow available on special request

Automatic Sensor Door Sliding Doors

ADS Frame



Application

Entrances in

- Retail Stores
- Transportation Segment
- Office Building
- Healthcare

Options

Telescopic
Emergency Exit
See product data sheet for more details


Frame Width

0.9-6.0 m

Ratings

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ADS Slim



Application

Entrances in

- Retail Stores
- Transportation Segment
- Office Building
- Healthcare

Options

Telescopic
Emergency Exit
See product data sheet for more details


Frame Width

0.9-6.0 m

Ratings

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Frameless



Application

Entrances in

- Retail Stores
- Transportation Segment
- Office Building

Options

Emergency Exit
See product data sheet for more details

Frame Width

0.9-6.0 m


Ratings

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☃ Climate Control 🔒 Security, theft protection 👤 Sturdiness, impact resilience 👤 Traffic Volume ♿ Handicap Access

Automatic Sensor Door Sliding Doors

Curved Sliding Door



Application

Building that benefit from climate control

- Office Building
- Hotels

Options

Electrical Emergency Exit
See product data sheet for more details


Clear Opening Width

1.005-2.6 m

Ratings

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Hermetic



Application

Clean Rooms in Hospitals
Clean Rooms in Industries
Operating Theatres

Options

Stainless steel panels
Lead inserts for X-ray protection
Windows
See product data sheet for more details


Clear Opening Width

0.8-2.5 m

Ratings

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Handicap Toilets



Application

Provides utmost security and safety assurance, without having to exert force during door operations. The Besam Toilet Door System is specially designed with a full-proof proprietary circuit, that when tampered with, will disable the door from closing and locking if there is no presence detected in the toilet.

Options

Power coated
Anodized - Clear, Bronze
Stainless Steel Cladding

Clear Opening Width

0.9m - 1.2m

Ratings


Varies depending on type of door
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☃ Climate Control 🔒 Security, theft protection 👤 Sturdiness, impact resilience 👤 Traffic Volume ♿ Handicap Access

Note: RD300 for full glass revolving door is available at special request. ASSA ABLOY Unitrun for large traffic flow available on special request

Automatic Sensor Door Sliding Doors

ADS Frame



Application

Entrances in

- Retail Stores
- Transportation Segment
- Office Building
- Healthcare

Options

Telescopic
Emergency Exit
See product data sheet for more details


Frame Width

0.9-6.0 m

Ratings

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ADS Slim



Application

Entrances in

- Retail Stores
- Transportation Segment
- Office Building
- Healthcare

Options

Telescopic
Emergency Exit
See product data sheet for more details


Frame Width

0.9-6.0 m

Ratings

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Frameless



Application

Entrances in

- Retail Stores
- Transportation Segment
- Office Building

Options

Emergency Exit
See product data sheet for more details

Frame Width


0.9-6.0 m

Ratings

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Automatic Sensor Door Sliding Doors

Curved Sliding Door



Application

Building that benefit from climate control

- Office Building
- Hotels

Options

Electrical Emergency Exit
See product data sheet for more details


Clear Opening Width

1.005-2.6 m

Ratings

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Hermetic



Application

Clean Rooms in Hospitals
Clean Rooms in Industries
Operating Theatres

Options

Stainless steel panels
Lead inserts for X-ray protection
Windows
See product data sheet for more details


Clear Opening Width

0.8-2.5 m

Ratings

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Handicap Toilets



Application

Provides utmost security and safety assurance, without having to exert force during door operations. The Besam Toilet Door System is specially designed with a full-proof proprietary circuit, that when tampered with, will disable the door from closing and locking if there is no presence detected in the toilet.

Options

Power coated
Anodized - Clear, Bronze
Stainless Steel Cladding

Clear Opening Width

0.9m - 1.2m













Ratings

Varies depending on type of door

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Automatic Sensor Door Swing Doors

Automatic Sensor Door Swing Doors

SW 200	Power Swing	SW100	Balance Door System
			
Application	Application	Application	Application
Ideal for large, heavy doors or heavy wind-loads <ul style="list-style-type: none"> • Retail Stores • Healthcare • Public & Private Buildings • Retail Stores • Transportation Segment 	Fire-rated door suitable for al-most all types of external and internal swing doors <ul style="list-style-type: none"> • Healthcare • Public & Private Buildings • Retail Stores • Transportation Segment 	Ideal for applications where safety, high security and low noise are important <ul style="list-style-type: none"> • Hospitals • Public & Private Buildings • Low Energy Applications • Applications for Elderly and Handicapped 	Entrances, narrow passages and corridors <ul style="list-style-type: none"> • Retail Stores
Options	Options	Options	Options
Concealed/Surface Applied Push/Pull Applications Single/Double Applications Complete door system See product data sheet for more details	Push/Pull Applications Single/Double Applications Concealed Coordinator for fire-door applications, Complete door system See product data sheet for more details	Push/Pull Applications Single/Double Applications Complete Door System See product data sheet for more details	Single/Double Applications See product data sheet for more details
Weight & Dimensions	Weight & Dimensions	Weight & Dimensions	Weight & Dimensions
Recommended max. door weight and door width Inertia $J = \text{Door weight} \times (\text{Door width})^2 / 3$ Push = 160 kgm ² Pull = 80 kgm ² Concealed = 80 kgm ²	Max recommended Inertia J For Push = 80 kgm ² For Pull = 28 kgm ² $J = \text{Door weight} \times (\text{Door width})^2 / 3$	Max recommended Inertia J For Push = 45 kgm ² For Pull = 16 kgm ² $J = \text{Door weight} \times (\text{Door width})^2 / 3$	As per SW100/SW200
Ratings (varies depending on type of door)	Ratings (varies depending on type of door)	Ratings (varies depending on type of door)	Ratings (varies depending on type of door)
    	    	    	    

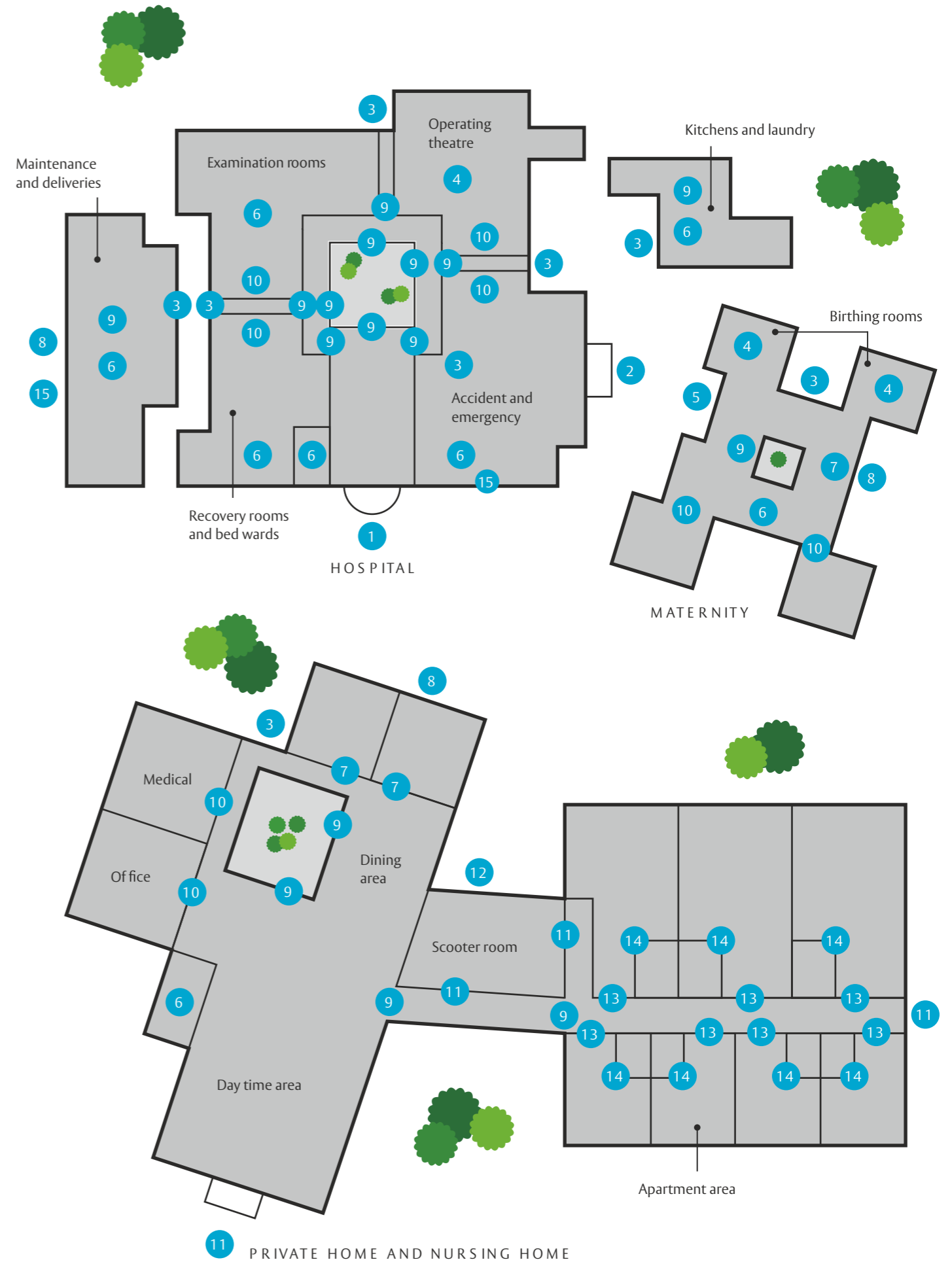


Automatic Sensor Door Swing Doors

- 1 Main entrance – Hospital**
The revolving door provides an aesthetically pleasing and environmentally-friendly entrance giving convenient access for pedestrians, wheelchair users and even people being transported on beds. Combined with a vertical air curtain, this entrance solution can help reduce heating costs.
- 2 Accident and emergency**
The sliding door provides a rapid opening when minutes really count. It can easily be integrated with an access-control security system to provide peace of mind for staff and patients. An overhead air curtain increases the comfort even more.
- 3 General staff entrance**
A sliding or swing door solution can be integrated with an access-control system for acknowledging when staff are on or off the premises.
- 4 Operating theatre doors**
The sliding hermetic or non-hermetic door helps to minimise cross-contamination and spreading of infection in sensitive areas. The door can be controlled with a variety of activation devices designed to minimise hand use in these clean environments.
- 5 Entrance to maternity department**
The double automatic swing doors in this case are incorporated with a proximity access-control system. A tag system identifies staff and patients approaching the doors from either direction, which will then automatically unlock and open, providing a secure and easy entrance. Non-tag holders use an intercom to call the maternity department desk for access.
- 6 Toilets for disabled**
Disabled users have a convenient way of automatically opening the doors to their dedicated facilities. The system incorporates electronic locking and an emergency override system. This can help reduce the need for personal assistance.
- 7 Staff kitchen and laundry areas**
Swing doors in these areas provide an easy way of entering with trolleys and catering equipment. But doors here are often subjected to damage via trolleys and other equipment. Automating them will reduce door damage and therefore improve the longevity of the doors.

- 8 Loading bay areas**
Rollershutters provide additional security in an area which can often be left unattended.
- 9 Corridor doors and doors into enclosed areas**
Swing fire corridor doors and doors into enclosed areas can be automated via radar devices. This helps to improve access around the building, retain heat and lower noise, as well as helping to reduce door damage from wheelchairs and other equipment.
- 10 Entrances to bed wards and private rooms**
Single or double swing doors that can incorporate door automation and also access control where necessary. Doors can be opened by either automatic or manual activation devices. Units can be retrofitted onto existing doors or complete new systems can be provided.
- 11 Main entrance – Nursing home**
A sliding door entrance provides adequate room for wheelchairs and scooters. Combined with an overhead air curtain, it helps maintain heat within the building. With access control and an entry phone system, residents can allow visitors into the building by the push of a button from their accommodation.
- 12 Motor scooter entrance**
Another example where sliding doors can be used incorporating access control, this time with an automated rollershutter for additional security.
- 13 Private home entrance**
A single swing door operator, here retrofitted onto the existing door and integrated with an access-control system and electric lock unit.
- 14 Internal doors to private home**
Bathroom/WC doors and bedroom doors can be automated with swing or sliding doors to improve access around the home. This is particularly useful for residents with high dependency on wheelchairs or walking aids.
- 15 Warehousing Area**
Besam Industrial rolling doors provide fast and easy access for the efficient flow of supplies and equipments. Fast opening speeds shorten the passage time, improving efficiency and saving energy by minimizing opening times.

Automatic Sensor Door Door Opening - Accessories





Incedo™

In today's dynamic landscape, security needs are constantly evolving, demanding agile and adaptable access control solutions.

Incedo offers a future-oriented access control solution with two unique system management options — Lite and Plus — designed to give every customer a scalable solution focused on their security needs.

Incedo Access Management Solution

Incedo is the next leap forward in building security. A single access management solution bringing hardware and software together. ASSA ABLOY's Incedo Business platform launches with two unique system management options Lite and Plus designed to give every customer a scalable solution focused on their security needs.

Key benefits

- A feature-rich, single online platform solution embedded within your system
- No need for a dedicated PC
- Suitable for 32 wired/wireless doors to upto 10,000 doors per system
- Access for up to 1,000,000 people
- Online readers
- Auto ID of hardware
- Wiegand or OSDP Wired Doors
- Wireless Online Door
- Biometric Support
- Comprehensive Reports

Incedo Lite

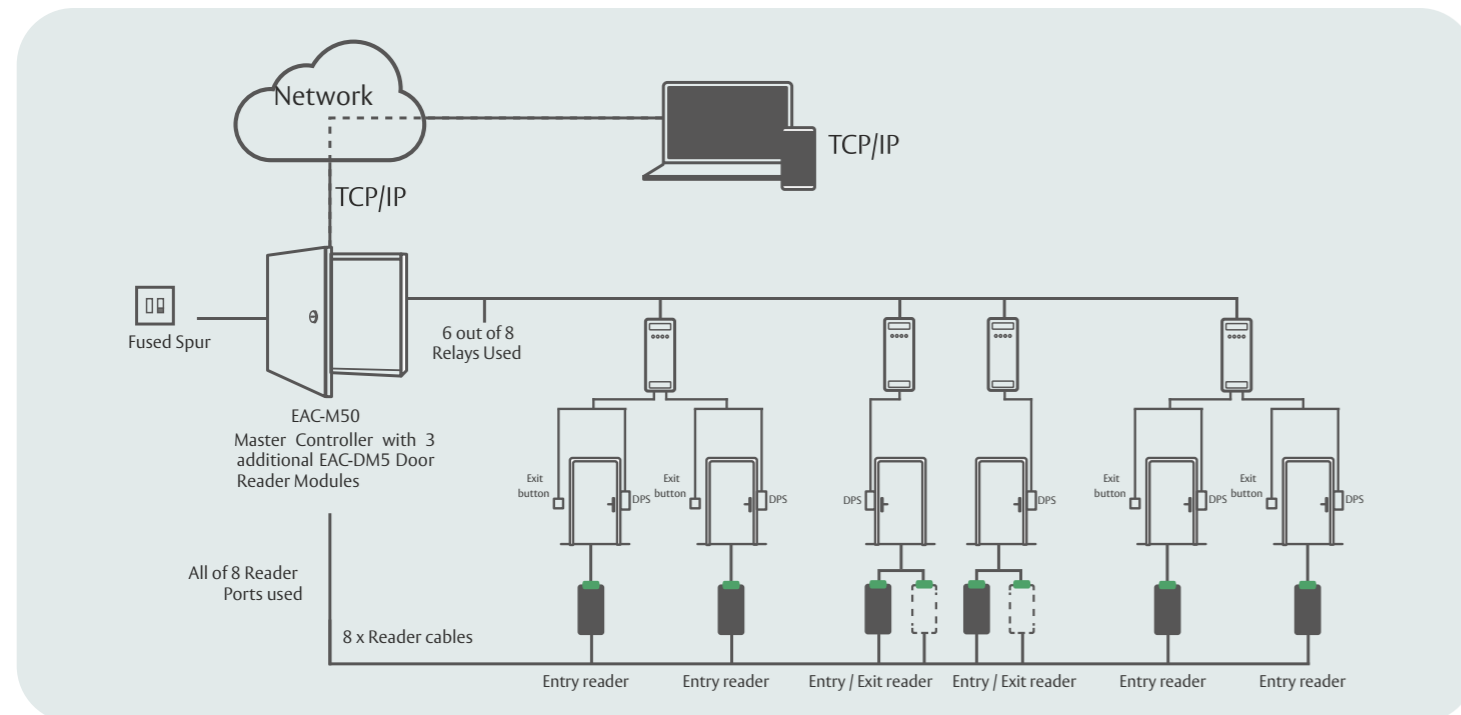
The quickest and simplest way to revolutionise how you monitor and manage access control on site.

- Upto 32 Doors per system
- Upto 1,000 Keyholders
- 3 Credentials per Keyholders
- Local Anti-Pass back

Incedo Plus

Step up from Lite with enhanced access control features to manage multiple sites and integrate third-party hardware and smart building solutions.

- API Third-Party integration
- Multiple Master Controllers
- Upto 10,000 Doors per system
- IO Module
- Upto 1,000,000 Keyholders
- 4 Credentials per Keyholders
- Anti-Pass back



Incedo Access Management Solution

Connected access control for smarter working

Aperio wireless devices come ready for both online and offline integration with Incedo™. Additionally, Incedo Plus offers integration with range of third party application and system



Pick the right access management system

	Incedo™ Lite	Incedo™ Plus
Wireless, battery-powered locks	✓	✓
Integration with third party security systems (CCTV, Biometrics etc...)	✗	✓

Incedo Access Management Solution

Controller

The Controller's inbuilt TCP/IP port lets you manage an Incedo system from any standard browser depending on the software management configuration you select. Dedicated RS485 ports manage cluster controllers and hubs for communicating with either wired or wireless door locks. Upto 4 Door Reader Modules (Managing up to 8 wired door readers) can connect with an Incedo Cluster Controller. Status LEDs provide visual feedback.

Cluster Controller Kit in Metal Box

Model No.: EAC-M50

Description

- Cluster controller & door reader module in lockable metal box with power supply
- Enclosure expandable up to 4 reader modules (EAC-DM5)
- Hardware compatible with Incedo Lite and Plus platforms
- Includes charging circuit for 12V 7Ah sealed lead acid battery (battery not included)
- Control up to 32 (wired or wireless) doors - Lite or up to 10,000 doors - Plus
- Easy integration
- Compatible with Aperio wireless door locks (using Aperio RS485 Hub)



Cluster Controller (Plastic Housing)

Model No.: EAC-CP5

Description

- Cluster controller in plastic housing only
- Expandable with up to 4 reader modules (EAC-DM5)
- Hardware compatible with Incedo Lite and Plus Platforms.
- Control up to 32 (wired or wireless) doors - Lite or up to 10,000 doors - Plus
- Easy integration
- Compatible with Aperio wireless door locks (using RS485 Aperio Hub)
- Must be connected up to an external 12V PSU (not included)



Incedo Access Management Solution

Reader Module

Door Reader Modules are a bridge between your ASSA ABLOY Incedo access control system and hardwired door with readers. A single Door Reader Module may connect up to two readers to your system

2 Door Reader Module in Plastic Housing

Model No.: EAC-DP5

Description

- Connect two 'read in' or one 'read in/out' reader per Door reader module
- Manage up to two door position sensors and request to exit from each door reader module



2 Door Reader Module on IPS Plate

EAC-DM5

Description

- Connect two 'read in' or one 'read in/out' reader per Door reader module
- Manage up to two door position sensors and request to exit from each door reader module



Incedo Access Management Solution



Programmers

Keep everyone's credentials up to date with a range of convenient programmers and updaters. With the correct access rights, everyone keeps moving easily and securely.

Credentials

Our range of convenient credentials have intelligence and security built-in. Cards and tokens offer broad RFID compatibility. Encrypted mobile keys enable users to open doors with their smartphone.

Intelligent Twin Reader Terminal

Model No.:EAC-TPT

Description

- Multi-function Controller
- Compatibility: support for OSDP and Wiegand readers
- Equipped with 2 reader inputs which feature the latest secure OSDP interface protocol with 4 inputs and 3 controllable relays.
- The EAC-TPT can store up to 10K credentials and 100K buffered transactions per channel, whilst also providing offline validation



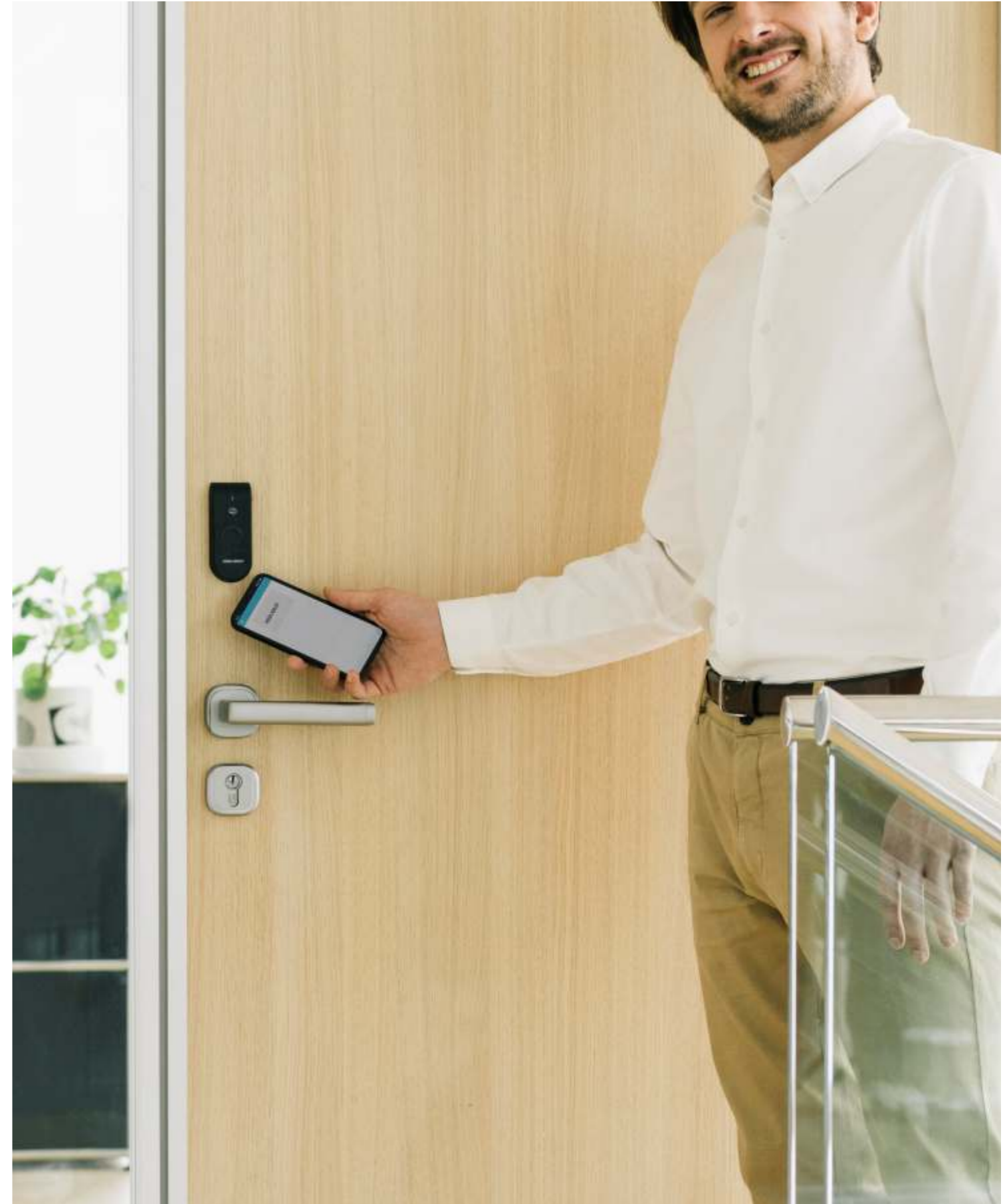
Multi-discipline Reader

Description

- Support for low and high frequency credentials. Compatible with HID iCLASS and Seos secure technologies
- The reader is available in two variants, OSDP or Wiegand protocol.
- IP54 rating
- The Reader comes with tri-coloured LED and buzzer



Incedo Access Management Solution





Aperio®
 Aperio's DNA is built on integration and the extension of access control capabilities without wiring. Formerly mechanical secured doors can now be integrated into the access control system operated with the same credentials.

Aperio-equipped access points are managed from the interface of your system software. Over 130 access control manufacturers globally have integrated battery-powered Aperio locks to work

Aperio Wireless Locking Technology



Cost effective, access control - without wires. Aperio® is easy to retrofit and integrate with your existing AC system.

Installing traditional access control doors can be very expensive due to the extensive wiring required, which is why access control systems often only cover doors with very high security requirements - leaving all other doors with mechanical locks unmonitored and unmanaged. Losing a master key for these doors is not only a major security risk, but it can also be a costly exercise to replace compromised locks.

With Aperio® technology all doors can easily be upgraded and wirelessly linked to the access control system by using Aperio® battery powered electronic locking device with integrated RFID or BLE readers*- optimising access control and increasing security.



*BLE is enabled in E100, H100 and KL100



Aperio Wireless Locking Technology

H100 Handle

Description

Aperio H100 packs the power and flexibility of wireless access control into one slim, cleverly designed, battery-powered door handle.

- Suitable for wooden, steel and tubular frame doors (and glass doors with standard lock cases)
- Outside handle rotates freely - inside handle is always engaged
- LED for status visualisation
- H100 holds fire certification: EN1634-1



C100 Double Knob Cylinder

Description

Metal double knob cylinder euro profile-for use in indoor areas

- 30mm x 30mm double cylinder
- Outside knob free wheeling - inside knob always engaged
- Freely rotating lock cam
- Stores up to 10 emergency cards
- Compatible with all DIN mortice locks
- Suitable for locks on glass door leaves and standard doors
- LED for status visualisation



C100 Single Knob Cylinder

Description

Metal single knob cylinder euro profile-for use in indoor areas

- 30mm single cylinder
- Freely rotating lock cam
- Stores up to 10 emergency cards
- Compatible with all DIN mortice locks
- Suitable for locks on glass door leaves and standard doors
- LED for status visualisation



Aperio Wireless Locking Technology

E100 Escutcheon

Description

- Euro profile suitable for 40-50 mm door
- Stores up to 10 emergency cards
- 8mm spindle
- 85mm center
- Option of U or L-shaped handle



L100 High Security Lockset

Description

- With or without keypad reader
- Main electronics inside - Reader element outside
- Including emergency battery connector and indicator LED's
- Outside handle controlled by electronics Inside handle always engaged (request to exit sensor included)
- Integrated sensors for bolt and door position,
- Mechanical key override
- LED for status visualisation



Aperio

Wireless Locking Technology

KS100 Server Rack Lock

Description

- Real-time communication to the access control system
- Designed for standard 25mmx150mm server lock openings
- Ideal for co-location data centers with multiple companies requiring access
- For use on left or right hand doors
- Standard server cabinet "Swing-handle" design
- Integrates to existing access control system Stores up to 10 emergency cards
- Powered by PoE or external power supply
- LED for status visualisation
- Mechanical key override possibility



KS200 Wired Server Rack Lock

Description

- Real-time communication to the access control system
- Designed for standard 25mmx150mm server lock openings
- Ideal for co-location data centers with multiple companies requiring access
- Wiegand (KS200) | OSDP (KS210) protocol
- For use on left or right hand doors
- Standard server cabinet "Swing-handle" design
- Integrates to existing access control system Stores up to 10 emergency cards
- Powered by PoE or external power supply
- LED for status visualisation
- Mechanical key override possibility



Aperio

Wireless Locking Technology

KL100 Cabinet Lock

Description

- Suitable for cabinets and drawers where audit trail and monitoring is required
- Cabinet lock latch bolt status monitoring
- Online & offline transaction audit trail capabilities
- Easy to install wireless lock
- Low maintenance
- 50,000 cycles on CR123A battery
- Low battery signalling and reporting
- Two forms of override available, including Mechanical key override and battery jump start pack



Communication Hub

Description

- For connection to EAC system via Wiegand, RS485 or IP
- Provides radio communication to the Aperio® door devices
- For standard electrical installation boxes
- LED for status visualisation
- Wiegand: AH20-WIESTD-G5
- RS485: AH30-RS485-G5
- IP: AH40-IP-G5
- For indoor use only



PAP Software Tool (online/offline)

Description

Software tool to setup and configure Aperio® devices/ hubs

- The Aperio wireless dongle is connected directly to the PC via a USB connection
- Communicates with the Aperio PAP Tool and establishes a wireless connection with the online components. The pre-set settings are transmitted to the escutcheons and cylinders via this wireless connection
- The entire radio communication AES-128 bit encrypted when loading and transferring data



Aperio Wireless Locking Technology

Glass Patch Fitting

Description

- Lock fitting for Euro profile cylinder or DIN handle
- Suitable for 8, 10 and 12 mm tempered glass
- With latch and deadbolt
- High quality finish



CLIQ®

More than a century of ASSA ABLOY Group expertise in lock and key security went into creating, enhancing and patenting CLIQ technology.

CLIQ builds on our unique master key system expertise to offer you future-proofed access management in a fast-moving world.

CLIQ

Key-based Digital Access Management

CLIQ is a straightforward, key-based system which transforms mechanical to high-security digital access management. With the CLIQ system you are able to manage your keys and personnel access rights from a central location. Benefit from the convenience of remote management and high-level security throughout your business anytime and from anywhere.

The latest CLIQ chip generation is designed to be future-proof, featuring AES encryption and rapid processing speed coupled with efficient energy management. Electronic contact between the key and cylinder ensures secure data transmission. The system is powered by a battery inside the key, offering a typical 10-year lifetime. It is maintenance-free for up to 200,000 cycles. Installing the wide range of locking cylinders and padlocks is quick and easy as no cabling is required. Simply swap your mechanical cylinders with a single screw change.

eCLIQ

Description

Fully electronic version
One mechanical key profile plus electronic coding






android iOS    



PROTEC² CLIQ

Description

Electromechanical version
Multiple mechanical key profiles plus electronic coding

android iOS     

CPNI
Centre for the Protection
of National Infrastructure



CLIQ

Key-based Digital Access Management

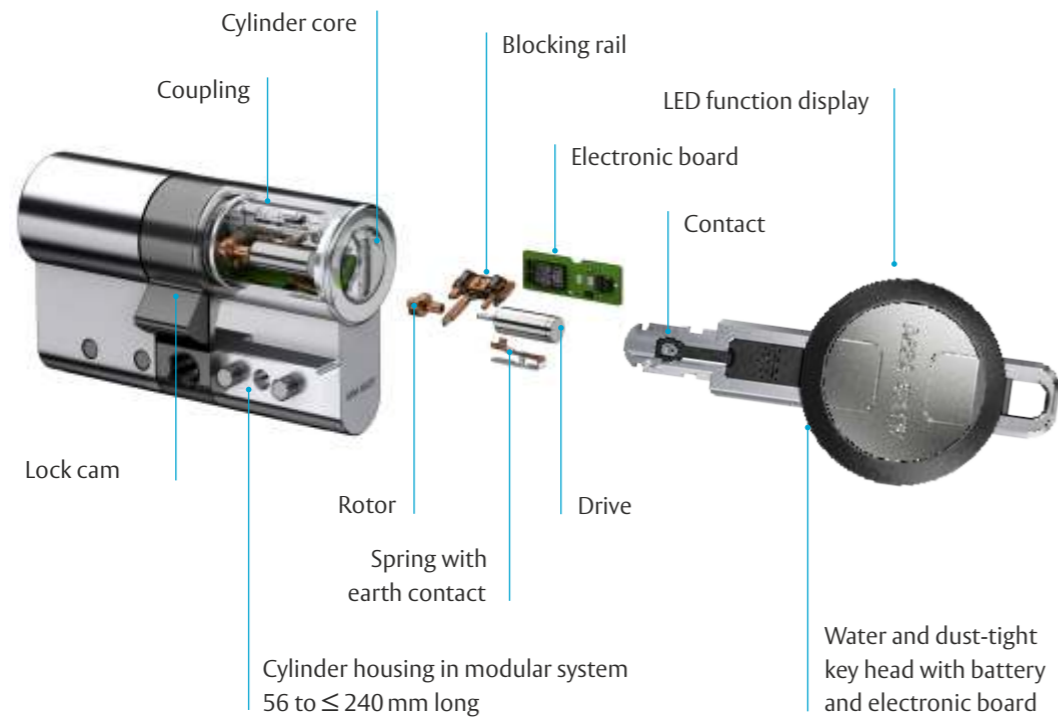


CLIQ

Key-based Digital Access Management

CLIQ System

CLIQ is a technology developed by ASSA ABLOY Group which unites the features of mechanics and electronic and is the first mechatronic locking technique without any cables. This combination of CLIQ offers higher security and more flexibility than any other locking system.



Complete, Cost-Saving, Centralized Administration

- Cost efficient system that require minimal level of maintenance
- Lost keys will no longer require the replacement
- Manage and control the security electronically
- Unlimited number of master key system managed by CLIQ remote in anywhere



CLIQ

Key-based Digital Access Management

Standard User Key

Description

- Used with the CLIQ cylinders and padlocks
- Modern reversible key system
- Unique electronic and system encryption
- Data and power transmission to the cylinder is contact based and highly encrypted
- IP67 Ingress Protection



Programming Key

Description

- Used with the CLIQ programming device
- Transfers up to 750 programming steps to cylinder
- Can read up to 1500 events from cylinders and transfers them to the software
- Protected by 6-digit individual PIN code
- About 30,000 locking operations
- IP67 Ingress Protection



Connect Key

Description

- Incorporates Bluetooth® technology to update keys without remote programming device
- Get changes to authorizations and time settings using CLIQ® Connect app
- Provides immediate audit trails when key is connected to programming device or app
- About 100,000 locking operations
- IP67 Ingress Protection



Spark Key

Description

- Spark key is the first battery-free CLIQ key that generates its own energy
- Energy required for locking and validating access is produced by generator in the key during insertion into the cylinder
- Spark key is fully compatible with existing CLIQ systems
- Data is transferred between the CLIQ cylinder and Spark Key with high level of protection



CLIQ

Key-based Digital Access Management

Profile Double Cylinder

Description

- For use in entrance and exit doors as well as internal doors
- Maintenance free for up to 200 000 cycles
- Splash-proof IP54
- Dust and protection cap available for one or both sides
- Cam made of break-proof, corrosion resistant stainless steel
- Available in 30|30 and 35|35 lengths (other lengths available on request)
- Brass cylinder housing components



Profile Knob Cylinder

Description

- For use in internal doors
- Maintenance free for up to 200000 cycles
- Splash-proof IP54 rated
- Dust and rain protection cap available for one or both sides
- Cam made of break-proof, corrosion resistant stainless steel
- Basic cylinder length 61mm (L=30|30mm) Also available in lengths of 35|35mm with other lengths available on request
- Brass cylinder housing components
- Finish: Satin Nickel



Profile Single Cylinder

Description

- For use on doors which only need locking on one side (e.g. gates)
- Maintenance free for up to 200000 cycles
- Splash-proof IP54 rated
- Dust and rain protection cap available
- Cam made of break-proof, corrosion resistant stainless steel
- Available in 30mm
- Brass cylinder housing components
- Finish: Satin Nickel



CLIQ

Key-based Digital Access Management

Profile-Half Cylinder

Description

- Maintenance free for up to 200 000 cycles
- Splash-proof IP54
- Dust and rain protection cap available for one or both sides
- Cam made of break-proof, corrosion resistant stainless steel
- Basic cylinder length 31mm
- Finish: Satin Nickel



Switch Cylinder

Description

- For use on machinery and vehicles which need an additional layer of security
- Maintenance free for up to 200000 cycles
- Splash-proof - IP54 rated
- Dust and rain protection cap available
- Key rotation 60°
- Brass cylinder housing components
- Finish: Satin Nickel



Switch Cylinder

Description

- For use in retail environments on roller shutter doors
- Maintenance free for up to 200000 cycles
- Splash-proof IP54 rated
- Dust and rain protection cap available for one or both sides
- Fixed total length 47mm
- Cam made of steel and is ordered in one of four positions
- Cam radius 17mm
- Finish: Satin Nickel



CLIQ

Key-based Digital Access Management

Padlocks

Description

- Used to secure gates, chains and electrical installations
- Maintenance free for up to 200,000 cycles
- Dust and rain protection cap available optionally
- IP67 certified with protective cap
- Key retaining in open position
- Housing - Chrome Plated Brass
- Cylinder - Nickel Plated Brass
- Standard shackle clearance height 25mm & 50mm
- Hardened steel shackle as standard
- Non-corrosive steel shackle 8mm diameter
- Available for the 25mm padlock



Cam Lock

Description

- Maintenance free for up to 200,000 cycles, integrated lubricant reserve
- IP55 with dust and rain cap
- Rotation options:
 - Standard 90°, optional 180°
 - Left or right rotation is configured by cam Available in M19 and M21 sizes
- Fixings with M10 nut
- Various Locking levers available on request
- Optionally available for use in potentially explosive atmospheres in Zone 1 (ATEX=II 2G EX IB IIB T4)



Furniture Locks

Description

- Maintenance free for up to 200,000 cycles, integrated lubricant reserve
- IP54 without protection against dust and rain
- Optionally available for use in potentially
- Explosive atmospheres in Zone 1 (ATEX=II 2G EX IB IIB T4)
- Variants include:
 - Square Deadbolt
 - Square Latchbolt
- Key rotation 90°



CLIQ

Key-based Digital Access Management

Furniture Locks

Description

- Maintenance free for up to 200,000 cycles, integrated lubricant reserve
- IP54 without protection against dust and rain
- Optionally available for use in potentially
- Explosive atmospheres in Zone 1 (ATEX=II 2G EX IB IIB T4)
- Variants include:
 - Espagnolette with bolt and rotating bars
 - Espagnolette without bolt and rotating bars
- Key rotation 90°



Nightlatch Cylinder

Description

- Utilised in government applications, sub-stations and transformer doors, as well as residential applications
- Maintenance free for up to 200,000 cycles Dust and rain protection cap available for one or both sides
- Anti-drill protection
- Finish: Satin Nickel



Cam Lock

Description

- Secures cabinets, lockers and cupboards
- Maintenance free for up to 200,000 cycles Dust and rain protection cap available Key
- Withdrawal when locking lever is closed Brass
- Cylinder housing components Finish: Matt Chrome Plated



CLIQ

Key-based Digital Access Management

Desk Programming Device

Description

- Provides a secure interface between the keys and the CLIQ Web Management Software
- Reads even memory in electronic E2 and E3 user keys
- Programmes the E3 key to retrieve audit trails
- USB port standard fitting
- Powered via USB



Wall Programming Device

Description

- Fixed site device that enables user keys to be programmed near the work area
- Permits changes to times and authorizations as well as the read-out event logs
- Connection via standard network cable
- USB-C connection for data exchange over cable
- IP44 rated - drip water-proof



Vandalism-Proof Programming Device

Description

- Programs user keys in remote unmonitored locations
- Connected by standard network cable
- Suitable for outdoor usage and vandalism hazard areas
- Permits changes to times and authorisations as well as the read-out of event logs
- Supports power over ethernet
- Optional dust and rain cover available
- Vandalism resistant IK9
- IP65 (when used with weather protection cap)



CLIQ

Key-based Digital Access Management

Mobile Programming Device

Description

- Ideal for shift supervisors or remote site leaders
- Portable - no need to be at the control room for key updates
- Permits changes to time and authorisation keys as well as the read-out of event logs
- Communicates via Bluetooth with a mobile iOS or Android Device
- Powered by 4X AAA batteries



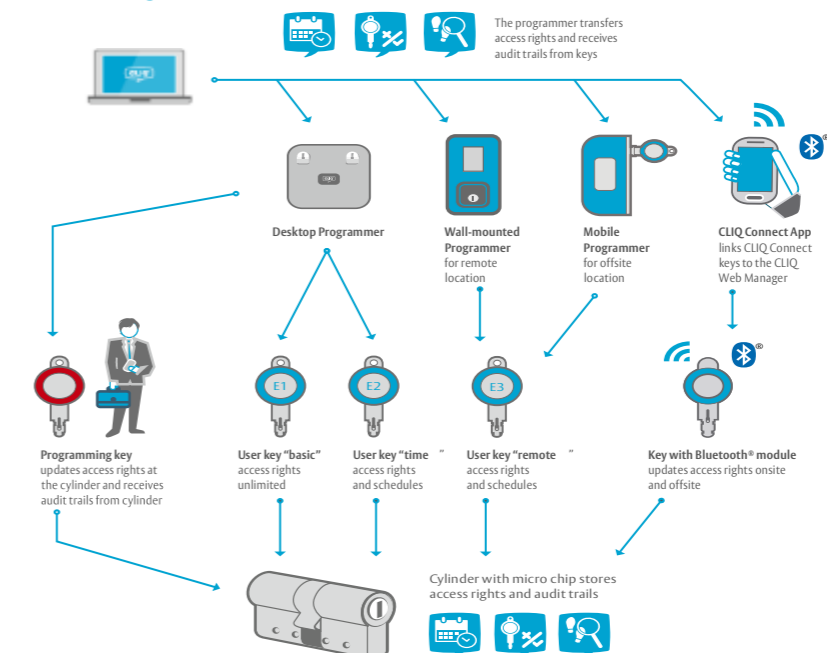
CLIQ Web Manager Software

Description

- Easily manage employee and visitor's data and access profiles
- Assign specific access levels and schedules with ease
- Cancel keys directly from the software interface for immediate control.
- Works seamlessly on Windows/Linux and Android/iOS platforms
- Grow your access control system as needed with a user-friendly solution



High Flexibility to assign and revoke access rights

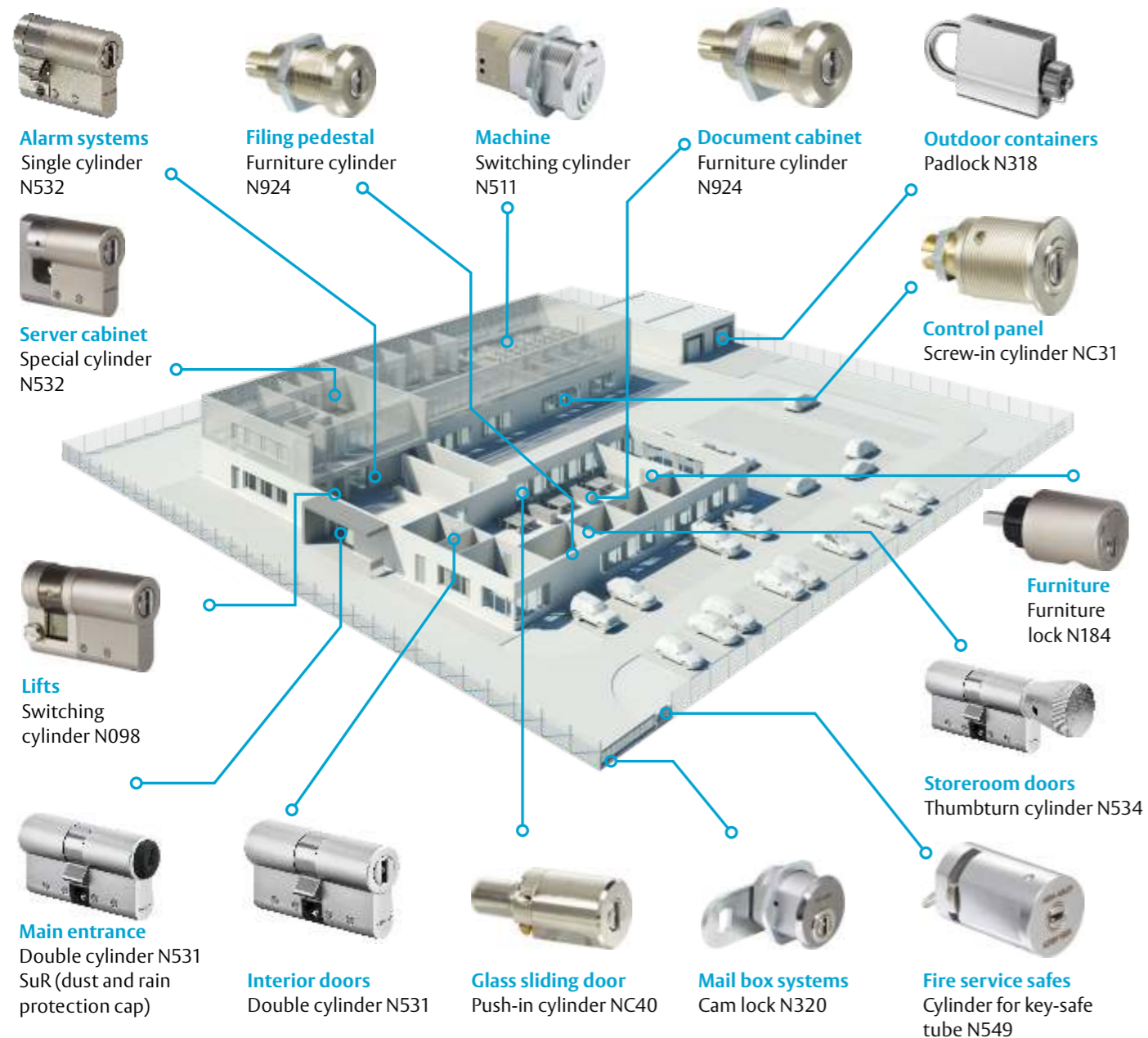


CLIQ

Key-based Digital Access Management

The compact CLIQ locking cylinder offers a high level of security. With a wide range of different cylinder types, the system is designed for every kind of use from the company entrance gate to securing the alarm systems, lifts, doors and cabinets

The system offers certifications for all areas of use, including external areas, ensuring building operators comply with current and future regulations.



Electromechanical Portfolio

Electromechanical locks are critical part of access control system which utilizes electronic mechanisms to regulate entry and exit to a premise or facility.

Unlike traditional lock and key systems, electromechanical locks rely on advanced technology such as key cards, biometric scanners, or keypad entry systems to grant or restrict access.

Magnetic Locks

Magnetic Locks are the most popular locks used in access control systems. ASSA ABLOY offers a wide range of magnetic locks to meet every requirement.

M32 Series

Description

- Holding force of 600 lbs.
- BondSTAT™ magnetic bond sensor & Integrated door position switch
- Will work with existing access control systems
- Fully sealed for weatherproof operations
- 10 ft. (3.05m) of jacketed, Stranded conductor cable
- Automatic dual voltage - no field adjustment required
- Instant release circuit - no residual magnetism
- Efficient, low power usage
- Rust resistant - All ferrous metal Surfaces plated for durability
- UL listed, MagnaCare® lifetime replacement, no fault warranty
- Size optimized for use with door closers



M68 Series

Description

- Recommended for interior and perimeter doors
- Patented instant release circuit - no residual magnetism
- Holding Force: 1200 lbs
- Surface mounts easily with mounting bracket using minimal tools
- Internal wire access chamber
- Size optimized for use with door closers
- Brushed aluminum finish
- LED shows red or green for lock status indication
- Automatic dual voltage - no field adjustment required
- Lock options include door position switch, LED indicator and anti-tamper switch
- UL Listed
- MagnaCare® lifetime replacement, no fault warranty



Magnetic Locks

Z4 Series

Description

- Suitable for high use Commercial Swing Doors
- Holding forces upto 2500 lbs
- Fail-safe: unlocks when power is removed
- Applications - Aluminium doors, Glass doors, IT Storage rooms, Access control
- Easy installation: suitable for both new and retrofit usage
- Self-alignment: armature plate pivots to accommodate door drop
- Silent operation: No humming or buzzing
- Dual voltage: site selectable 12 or 24 Vdc
- Monitoring: Reed Switch monitoring and Hall-Effect monitoring on all models.
- Instantaneous release: Smart electronics on the Z Series Electromagnets eliminate residual magnetism
- Tested on fire door assemblies for upto 4 hours and CE approved



Z Series Recessed

Description

- Ideal for swing and sliding doors. Fixing options including wood, aluminium and steel constructions
- Holding forces up to 280kg
- Fail-safe: unlocks when power is removed
- Suitable for both new and retrofit usage
- Self-alignment: armature plate pivots to accommodate door drop
- Silent operation: no humming or buzzing
- Dual voltage: site selectable 12 or 24 Vdc
- Hall-Effect status monitoring available on some models
- Standards: CE Approved & C-Tick Certified



Electric Strike

Electric Strikes are common with electro mechanical door systems. They are characterised by speed, durability and longevity. The ASSA ABLOY line of electric strikes is suitable for a variety of applications.

1006 Series

Description

- Metal Wood
- Dual voltage 12VDC or 24VDC continuous duty
- Stainless steel construction
- Tamper resistant & Plug-in connector
- Fail secure (standard)
- Endurance 1,000,000 cycles
- Static strength 2,500 lbs. (fail secure)
- Full keeper shims for horizontal adjustment
- Dynamic strength 350 ft-lbs. (fail secure)
- Non-handed & Trim enhancer
- Dual voltage 12 or 24 VDC continuous duty
- Internally mounted solenoid



7400 Series

Description

- Clear Anodized Finish & Aluminum construction
- Fail-Safe/Fail-Secure configurations
- Field selectable to match power source of 12, 16, or 24 VDC
- Case: 85.6mm x 36mm x 27mm. Zinc aluminium alloy
- Strike Opening: 36.5mm x 15.9mm (adjustable) x 12.7mm
- Retrofits all previous Adams Rite strikes
- Faceplate: Flat and radius aluminium: 123.7mm x 31.8mm
- Single solenoid operates at 12/24V DC
- Opens electrically with over 15kg of sideload pressure
- 1080kg holding force
- Tested to 500,000 cycles
- Standards: ANSI/BHMA 156.5 Grade 1 UL listed for burglary resistance



Electric Strike

934U Series

Description

- For tempered glass doors with wooden, Aluminium or metal frames
- No preparation required to the glass
- Dual voltage 12-24V DC
- Fully reversible
- Thickness adjustable 9-12mm (13-15mm available to special order)
- Fail-locked and fail-unlocked version
- Vertical and horizontal mounting possible
- Break-in resistance of 3700 N
- Adjustable keeper (FF, FaFix®) & Adjustable electric strike (F, Fix®)



ES9000 Series

Description

- Operates under pre load up to 25kg
- Field selectable fail safe/fail secure
- Multi voltage 10-30Vdc
- 1300kg holding force
- 2.5 million cycles endurance rating
- Latch keeper is significantly quieter in operation
- Weather resistant (IP54 rated)
- Non handed
- Designed and made in Australia
- 5 Year Warranty
- Suitable for use on high traffic doors



ASSA ABLOY



ASSA ABLOY



ASSA ABLOY



ASSA ABLOY

Electrified Mortise Lockset

Electromechanical Mortise Locks are suitable for high-security applications for standard, narrow profile and modular doors. They are designed to handle single opening, stand-alone applications, or can be readily integrated into sophisticated access control systems.

8200 Series

Description

- Patented design and construction
- Heavy duty lever-style mortise lock
- Available in 60 different functions, including electromechanical, security and monitoring
- Dual Voltage 12 to 24VDC system
- Integrated with stand-alone applications or as part of an access control system
- Grade 1; UL listed at 16 million cycles; ADA compliant
- Field reversible without opening lock case
- Backset: 2-3/4", Strike: 4-7/8" ANSI, Door thickness: 1-3/4" standard; up to 6" available
- Tested on fire door assemblies for upto 3 hours
- 10 year warranty



Electrified Mortise Lockset

3570 Series

Description

- Fail safe/fail secure configuration.
- 60mm standard, 89 & 127mm Backsets available
- 32 to 50mm Door thickness
- Multi-voltage - will work on 12-24 Vdc systems.
- Handing - left hand and right-hand doors
- Selection of free lever or locked lever on both sides of the door
- Key override monitoring either side of the door
- Monitoring includes Dead latched and Locked,
- Door position/Reed switch
- Request to exit/REX
- LED indication
- SL8 & D8 Australian Lock Standard



3782 Series

Description

- Suitable for heavy duty use in industrial and commercial buildings
- 23mm, 25.4mm, 30mm and 38mm backset available
- Suits metal door thickness 35-50 mm
- Easy red/green function setting
- All lock settings are made from under the faceplate allowing for simple in-door configuration
- Standard primary locks include holdback and anti-lockout capabilities
- Improved cylinder functions including lock/unlock and retract latch as standard
- Electric Strike compatibility
- Operated by key or handle outside or by turns nib, key or handle inside.
- Compatible to most restricted keying systems.
- Finished in stainless steel



Handle Controlled Electrified Lockset

Abloy's handle controlled electrified locks offer compatibility, flexibility without compromising on security or fire escape safety.

They offer dual control - electronic for outside handles and manual for inside handles and keys - for enhanced security and flexibility in various buildings, which makes them an ideal solution for medium traffic areas.

EL560 Series

Description

- Best suited for medium traffic doors
- 12/24Vdc fail safe/fail secure
- Suitable for wooden, metal or fire rated doors
- Outside handle controlled
- Inside handle always allows egress
- Key override always
- Easily reversible trigger bolt, to suit door handling
- Deadbolt and anti-friction bolt deadlock when door closes
- Can be integrated Access control Systems
- Conforms to En179



EL460 Series

Description

- Suitable for Narrow stile doors & Wooden Doors
- Handle-Controlled bolt retraction
- Electric anti-tampering
- Mechanical automatic deadlocking
- Reversible handing, left/right
- Burglary-resistant, due to dead bolt with 20 mm throw
- Exit function from inside handle
- Suitable for fire-rated doors
- Mechanical override with cylinder
- Free egress from inside handle and Back-up function included
- Monitoring functions includes Door status, handle down, Bolt deadlocked, Bolt in, Key cylinder used, Sabotage loop
- EN 1125 Standard



Motorized Bolt Retraction Lockset

ABLOY Motor locks are best suited in high traffic doors, especially in situations where the advantages of motor powered unlocking have to be combined with the mechanical security requirements

The bolt is retracted by an electric motor and pretensioned by a spring mechanism. When the door is closed, the control latch ensures that the pre-tensioned bolt is fully extended and the double action latch blocked which also improves the level of security obtained.

EL520 Series

Description

- Motorized bolt traction for push & pull and door automatics use
- Electric anti-tampering: if Deadbolt is thrown out when door is not closed, it is withdrawn automatically.
- Mechanical automatic locking system
- Non handed, left / right
- Burglary-resistant due to dead bolt with 20mm throw
- Exit function by inside handle
- Suitable for fire rated doors
- Mechanical override with cylinder
- Back-up function for emergency access
- Monitoring functions - Door status, handle down, Bolt deadlocked, Bolt in, Key cylinder used, Sabotage loop
- EN 14846, EN 179, EN 1125 Standards



EL420 Series

Description

- Suitable for Narrow stile doors & Wooden Doors
- Motorized bolt traction for push & pull and door automatics use
- Electric anti-tampering
- Mechanical automatic deadlocking
- Reversible handing, left/right
- Burglary-resistant, due to dead bolt with 20 mm throw
- Exit function from inside handle
- Suitable for fire-rated doors
- Mechanical override with cylinder
- Free egress from inside handle and Back-up function included
- Monitoring functions includes Door status, handle down, Bolt deadlocked, Bolt in, Key cylinder used, Sabotage loop
- EN 1125 Standard



Motorized Multipoint Lockset

High security locks MP520, MP522 are used in environments where convenience, higher security or high durability is needed. Two auxiliary locks with hook bolts offer even higher security level, in case of requirement. The integrated monitoring contacts from the lock can be connected to the different systems.

Deadbolt and hook bolts are withdrawn inside the lockcase by motor and double action latch is released, when electrical control is on. Door is opened from outside by using door pull. When door closes, dead bolt and hook bolts are thrown out automatically, double action latch is blocked and the lock case is secured in four points.

MP520 Series

Description

- Best suited for high traffic doors
- Motorized bolt traction for push&pull
- Day/night mode
- Mechanical automatic locking system
- Non handed, left / right
- Burglary-resistant due to dead bolt with 20 mm throw and auxiliary hook bolts
- Exit function by inside handle
- Suitable for fire doors
- Mechanical override with cylinder
- Monitoring functions includes Door status, handle down, Bolt deadlocked, Bolt in, Key cylinder used, Sabotage loop
- EN 179, EN 1125 Standards



ABLOY for Trust



V-Lock & Gate Lock

The unique and popular Lockwood / Trimec ES8000 V-Lock has been completely redesigned and engineered to produce the new ES8100 V-Lock

V-Lock

Description

- Unlocks under a Pre-Load of up to 100kg in 3-wire mode, 15kg in 2-wire mode
- Locks under a Pre-Load of 20kg (12W) and 35kg (24W)
- 1000kg Holding Force
- IP53 rated for external door applications
- Door Position and Lock Status Monitoring
- On-Board visual Lock Status indication and diagnostics LED
- Easy, one-step, Fail Safe (PTL) and Fail Secure (PTO) field selection
- Operating voltage: 11.4 - 26VDC
- Durability tested to 500,000 cycles (120N unlocking, 50N locking)



Heavy duty GL 1 Gate Lock is designed for electronic access control of different gate application where high security and weather resistant solution is imperative. The Gate lock works on electrical or manually operated, indoor or outdoor gates, and is ideal for either swinging or sliding gated applications (vehicle, pedestrian or stock gate.)

Gate Lock

Description

- 2,000 lbs holding force
- Operates under preload up to 100 lbs
- Automatic dual voltage - no field adjustment required
- Accepts a standard mortise cylinder for manual key override
- Available in both fail safe and fail secure mode



Cabinet Lock & Auxiliary Strike

The microcabinet lock can be installed on drawers, cabinets and other small doors; swinging or sliding

Cabinet Lock

Description

- Fail Safe/Fail Secure Field interchangeable
- Holding Force - 100kg
- Monitored Option
- Can be used for additional switching function



The Auxiliary Locking system integrates an electric strike and magnetic counterpart within the door leaf and frame. Unlike typical electromagnetic locks, its magnetic bolt remains enclosed until the door fully closes, resulting in smooth, flush surfaces eliminating the need for altering the door frame edges.

Auxiliary Strike

Description

- Holding force: 600 lbs
- Universal installation position, vertical and horizontal
- Aesthetically appealing concealed installation with silent operation
- Low opening force due to weak latch bolt spring
- Latch insertion on the door frame removed
- Load cycles tested for 1 million cycles



Electrified Panic Exit Device



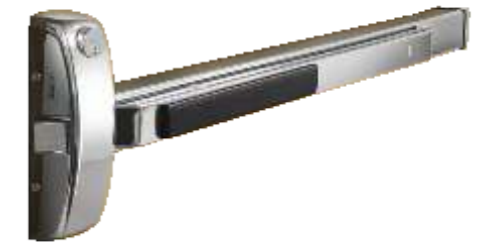
Electrified Panic Exit Device

The Sargent 8800 Series is specifically crafted for wide stile applications, prioritizing smooth, quiet operation along with robust security. It's well-suited for aluminum, metal, and wood doors, including single full-glass installations. Designed for standard width stile applications on wood and metal doors, the 8800 Series features a rim bolt that seamlessly combines quiet operation with solid security. It's an excellent choice for schools, offices, and hospitals, catering to both single door and double door setups with mullions.

8800 Series

Description

- ANSI/BHMA Grade 1
- UL Fire and Panic listed
- 5 million cycles tested
- Single or double door applications
- Available with Studio Collection decorative levers and 13 architectural finishes
- Available with Microshield® antimicrobial coating



The FLUID Series from Lockwood combines ergonomics and performance to ensure both safety and efficiency. Durability tested up to 1,000,000 cycles, auxiliary bolt activation from just 1mm, and effortless opening requiring less than 20N force, while also providing vandal resistance and simplified installation with its new fixing bracket and template design. Compliant with Australian Standard AS1905.1-2005 for Fire Resistant Doorsets and CE EN1125-2008 standards, the FLUID Series guarantees easy evacuation in emergency situations

Fluid Series

Description

- High level of resistance. Up to 500kg to each latching point.
- Available in both vertical and horizontal latching positions in 2/3-point configurations
- Bar can be cut down to 350mm



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Access Control Accessories

Touchless Exit Switch

Description

Wave Sense Switch features a new class of motion sensing technology using Doppler Radar for contactless switch activation. Pulse mode to initiate toggle mode to provide on/off switch. Adjustable sensing zone 4" to 24" The wave exit switch is water resistant, has lifetime warranty and available in a single gang or double gang faceplate options.



Push Button

Description

Specially designed push button used on fire doors, gates or anywhere there is an access control system. Wide range of options such as push button size, colour, electronic/ pneumatic timers, LEDs, narrow stile, single or double gang wall plates are available.



Power Supply

Description

Securitron has a wide range of Switching Access Control Power Supplies to protect and enhance the performance of any electrified door opening. The AQL Series of switching power supplies are dual voltage, UL listed plus multi-voltage and network monitoring ready. These unit are field selectable with a dedicated fast battery charger. They provide 4 Amp @12VDC or 3 Amp at 24 VDC and are expandable up to 16 outputs.



Access Control Accessories

Mortise Key switch

Description

Securitron Keyswitch supports electric lock control, alarm panel arming, reset and override when paired with ANSI mortise cylinder. Momentary or alternative switch with SPDT or DPDT relay. 32mm or 28mm mortise cylinder with option of patented keyway



Electromagnetic Door Holder

Description

Rixson offers a wide range of electromagnetic door holders/releases with features like Wall Mount, Adjustable Armature, Concealed Wiring and ANSI/C00011 Certified available. Designed for vitrually any remote door release application, electromagnetic door holders/releases primarily hold fire doors open until released by an alarm or smoke detector.



Concealed Cable Loop

Description

Concealed door loop or lead cover ensures the safe passage of cables, preventing damage and maintaining a tidy appearance. When the door opens beyond 120° or when there's a distance of more than 20 mm between the hinge and the door frame, it's recommended to use the longer lead cover



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

ASSA ABLOY

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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