



# Door Closers Technical Information

**ASSA ABLOY**

ASSA ABLOY, the global leader  
in door opening solutions



## Unlock your life.

**ASSA ABLOY**

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

In the UK the company develops, produces and markets high-quality products and a wide range of architectural hardware solutions for the commercial and public sector under ASSA ABLOY Security Solutions.

ASSA ABLOY is considered a highly competent and reliable partner by its clients due to its comprehensive know-how, state-of-the-art technology, creative ideas and innovative production processes.

Besides comprehensive architectural hardware solutions, ASSA ABLOY Security Solutions also offers its customers a whole range of services, expert guidance and solution concepts for individual requirements and special applications.

# Come closer! Door closers from ASSA ABLOY



### For diverse applications

ASSA ABLOY door closers are suitable for a wide range of applications from private to commercial and public sectors, and for doors light and heavy. Their modular configuration simplifies planning, whilst the simple assembly features and intelligent adjustments make for easy installation. This series of door closers is a collective development by the ASSA ABLOY Group and offers a coordinated design across a broad product range including rack and pinion, CAM-motion and electro hydraulic door closer solutions. The uniform design gives rooms and buildings a consistent aesthetic appeal, and is available in a wide range of RAL colours.

### Door closers from ASSA ABLOY – an overview of the benefits

- Consistent aesthetic design throughout the range
- Fully concealed mounting plate options for all models
- CAM-motion technology available, offering easy opening forces for improved accessibility across all installation applications
- Height-adjustable pinion system
- Height-adjustable guide rail option
- Adjustable backcheck facility
- Thermodynamic hydraulic fluid for consistent closing speeds in the event of extreme temperature fluctuations
- Adjustable electromechanical hold open facility options
- Integral smoke detector option, concealed within the guide rail

### One for all, all in one.

Every ASSA ABLOY door closer can be mounted on the hinge or non-hinge side of the door making them suitable for any door application, thereby considerably reducing effort in planning and procurement. The fixing application therefore need not be factored into the scheduling process as it can quickly be changed on the door at short notice, facilitating flexible planning.



## Guide rail door closers Modular and stylish

### Guide rail door closers

ASSA ABLOY's modular system enables CAM-motion door closers to be combined with various guide rails for virtually any application. Guide rail door closers harmonise with the door's appearance and offer a wide range of possibilities to planners and architects. Additionally guide rail door closers have less projection and are close-fitting to the door and frame reducing the risk of abuse or misuse. With ASSA ABLOY, low opening forces and guide rail door closers do not conflict. CAM-motion technology reduces counter-pressure when opening the door, making it considerably easier to handle in comparison with conventional guide rail door closers.



ASSA ABLOY CAM-motion door closers are highly flexible and offer a high degree of convenience.



# ASSA ABLOY's door closers and their benefits at a glance

- 1 Standard installation on hinge side
- 2 Standard installation non hinge side
- 3 Frame mounting on hinge side
- 4 Frame mounting non hinge side



Optional concealed mounting plate



Height adjustable pinion



Guide rail height adjustable



Adjustable backcheck



### Installation and adjustments made easy

Installation tolerances can be compensated for without special components thanks to the height adjustable pinion system. Height compensation of up to 14mm covers most construction situations permitting the arm height to be adjusted quickly and easily. Precise closing functions can then be set up.

A door is also exposed to varying stresses and strains on a daily basis: operation by its users, temperature fluctuations, air humidity etc, all have an impact. As a result, the hinge can sometimes wear causing the door to drop slightly which can impact on the doors performance. Door closers from ASSA ABLOY can easily be adjusted to compensate for this and other changes to the door after initial installation.

### Safety and comfort guaranteed

With ASSA ABLOY door closers, accessibility and fire door requirements need not conflict. CAM-motion door closers are suitable for use on internal and external doors with the DC700 being particularly suited for doors exposed to heavy use or high wind pressure. They are appropriate for use in buildings housing elderly, young or disabled people because of the ultra-low opening forces they provide. When fitted to suitable doorsets, the door closers, due to the ease of accessibility, will assist in fulfilling duties required under the Equality Act (EA), specifically BS 8300 and Approved Document M (ADM) of the Building Regulations. ASSA ABLOY door closers make high frequency doors comfortable and easy to pass through, in schools, hospitals, retirement homes, public buildings and offices.

### Safety in case of emergency

Smoke and fire protection doors may only be equipped with door closer systems which have been approved to EN 1154, EN 1155 and/or EN 1158 and CE marked accordingly. You'll be safe with ASSA ABLOY, as our door closers meet national and international regulatory standards.

# DC200 Technical attributes



Technical attributes	
Variable adjustable closing force	EN 2 - 4
Door widths up to	1100 mm
Fire and smoke protection	Yes
Door swing direction	Left / Right hand door
Closing speed	Variable between 180° - 0°
Latching speed	Variable between 15° - 0°
Backcheck	Variable above 75°
Hold-open mode (with hold open link arm L191)	Adjustable 75°-150°, can be enabled and disabled
Weight	2.2 kg
Height	60 mm
Depth	47 mm
Length	223 mm
Certified in compliance with	EN 1154
CE marking for building products	Yes

### The advantages at a glance

Customer segment	Advantages
Architects & Specifiers	<ul style="list-style-type: none"> <li>- Extensive range of uses: Fire and smoke protection doors as well as standard doors</li> <li>- Modern design</li> <li>- Compact design</li> <li>- Same dimensions and design with and without mounting plate</li> </ul>
Builders & Installers	<ul style="list-style-type: none"> <li>- One drilling template overall</li> <li>- Adjustable to nearly all door and frame types</li> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> <li>- Suitable for Left and Right hand doors, in both door and frame mounted applications</li> </ul>
Trade	<ul style="list-style-type: none"> <li>- Reduced inventory costs due to modular product range</li> <li>- One single product suitable for all fitting applications</li> <li>- Complementary accessories available for the whole product range</li> </ul>
User	<ul style="list-style-type: none"> <li>- Largely unaffected by temperature fluctuations thanks to thermodynamic valves</li> <li>- Backcheck feature offers optimum protection for doors and walls</li> </ul>

You can find the full specifications on the internet at: [www.assaabloy.co.uk](http://www.assaabloy.co.uk)

### Specification for DC200

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

- Closing power adjustable, EN size 2 - 4, for doors up to 1100 mm wide
- Closing speed, latch speed and backcheck adjustable from front facing regulator valves
- Available with integrated concealed mounting plate, suitable for fire and smoke protection doors
- CE marked
- 14 mm height adjustable arm system for ease of fitting
- Suitable for Left and Right hand doors

### Accessories:

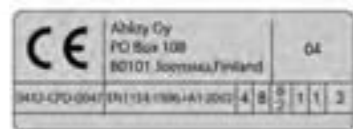
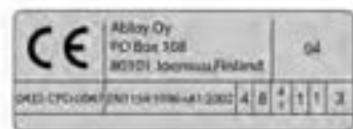
- Link arm L190
- Hold open link arm L191
- Mounting plate A120
- Angle bracket A122
- Parallel arm bracket A154

### Colour:

- Silver
- White, similar to RAL9016
- Brown, similar to RAL8014
- Black, similar to RAL9005
- Custom finishes available

# DC340

## Technical attributes



Technical attributes	
Variable adjustable closing force	EN 2 - 6 / EN 1 - 4
Door widths up to	1400mm / 1100 mm
Fire and smoke protection	Yes
Door swing direction	Left / Right hand door
Closing speed	Variable between 180° - 0°
Latching speed	Variable between 15° - 0°
Backcheck	Variable above 75°
Weight	2.1 kg
Height	69 mm
Depth	63 mm
Length	308 mm
Certified in compliance with	EN 1154
CE marking for building products	Yes

### The advantages at a glance

Customer segment	Advantages
Architects & Specifiers	<ul style="list-style-type: none"> <li>- Extensive range of uses: Fire and smoke protection doors as well as standard doors</li> <li>- Modern design</li> <li>- Compact design</li> <li>- Same dimensions and design with and without mounting plate</li> <li>- Comprehensive functions</li> </ul>
Builders & Installers	<ul style="list-style-type: none"> <li>- Adjustable to nearly all door and frame types</li> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> <li>- Suitable for Left and Right hand doors, in both door and frame mounted applications</li> </ul>
Trade	<ul style="list-style-type: none"> <li>- One single product suitable for all fitting applications</li> <li>- Complimentary accessories available for the whole product range</li> </ul>
User	<ul style="list-style-type: none"> <li>- Largely unaffected by temperature fluctuations thanks to thermodynamic valves</li> <li>- Backcheck feature offers optimum protection for doors and walls</li> </ul>

### Specification for DC340

ASSA ABLOY Door Closer DC340 featuring rack and pinion technology in compliance with EN 1154

- With link arm L190 closing power adjustable EN size 2 - 6, for doors up to 1400mm
- With guide rail G195 / G195 closing power adjustable, EN size 1 - 4, for doors up to 1100 mm wide
- Closing speed, latching speed and backcheck adjustable from front facing regulator valves
- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- CE marked
- 14 mm height adjustable arm system for ease of fitting
- Suitable for Left and Right hand doors

### Accessories:

- Link arm L190
- Hold open link arm L191
- Standard guide rail G193
- Height-adjustable guide rail G195
- 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)

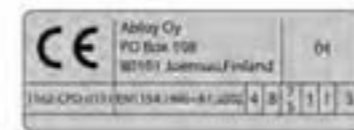
### Colour:

- Silver
- White, similar to RAL9016
- Brown, similar to RAL8014
- Black, similar to RAL9005
- Custom finishes available

You can find the full specifications on the internet at: [www.assaabloy.co.uk](http://www.assaabloy.co.uk)

# DC347

## Technical attributes



Technical attributes	
Variable adjustable closing force	EN 5 - 7
Door widths up to	1600 mm
Fire and smoke protection	Yes
Door swing direction	Left / Right hand door
Closing speed	Variable between 180° - 0°
Latching speed	Variable between 15° - 0°
Backcheck	Variable above 75°
Weight	2.2 kg
Height	69 mm
Depth	63 mm
Length	308 mm
Certified in compliance with	EN 1154
CE marking for building products	Yes

### The advantages at a glance

Customer segment	Advantages
Architects & Specifiers	<ul style="list-style-type: none"> <li>- For heavy doors, fire and smoke protection doors as well as standard doors</li> <li>- Modern design</li> <li>- Compact design</li> <li>- Same dimensions and design with and without mounting plate</li> </ul>
Builders & Installers	<ul style="list-style-type: none"> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> <li>- Suitable for Left and Right hand doors, in both door and frame mounted applications</li> </ul>
Trade	<ul style="list-style-type: none"> <li>- One single product suitable for all fitting applications</li> <li>- Complimentary accessories available</li> </ul>
User	<ul style="list-style-type: none"> <li>- Largely unaffected by temperature fluctuations thanks to thermodynamic valves</li> <li>- Enough closing force for all type of heavy doors</li> <li>- Backcheck feature offers optimum protection for doors and walls</li> </ul>

### Specification for DC347

ASSA ABLOY Door Closer DC347 featuring rack and pinion technology in compliance with EN 1154

- Closing power variable adjustable, EN size 5 - 7, for doors up to 1600 mm wide
- Closing speed, latch speed and backcheck adjustable from front facing regulator valves
- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- CE marked
- 14 mm height adjustable arm system for ease of fitting
- Suitable for Left and Right hand doors

### Accessories:

- Extra strong link arm L197
- Mounting plate A126
- Angle bracket A107

### Colour:

- Silver
- White, similar to RAL9016
- Brown, similar to RAL8014
- Black, similar to RAL9005
- Custom finishes available

You can find the full specifications on the internet at: [www.assaabloy.co.uk](http://www.assaabloy.co.uk)

# DC500

## Technical attributes



Technical attributes	
Variable adjustable closing force	EN 1 - 4
Door widths up to	1100 mm
Fire and smoke protection	Yes
Door swing direction	Left / Right hand door
Standard and frame installation	Yes
Closing speed	Variable between 170°-0°
Latching speed	Variable between 15°-0°
Opening angle hinge side	Ca. 170°
Opening angle non-hinge side	Ca. 120°
Weight	2.7 kg
Height	64 mm
Depth	57 mm
Width	270 mm
Certified in compliance with	EN 1154
CE marking for building products	Yes



### The advantages at a glance

Customer segment	Advantages
Architects & Specifiers	<ul style="list-style-type: none"> <li>- Extensive range of uses: Fire and smoke protection doors as well as standard doors</li> <li>- Modern design</li> <li>- Compact design</li> <li>- Fulfils barrier-free building requirements (Equality Act)</li> <li>- Same dimensions and design with and without mounting plate</li> </ul>
Builders & Installers	<ul style="list-style-type: none"> <li>- One drilling template overall</li> <li>- Adjustable to nearly all door and frame types</li> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> <li>- Suitable for Left and Right hand doors for standard and frame fitting on hinge and non-hinge sides</li> </ul>
Trade	<ul style="list-style-type: none"> <li>- Reduced inventory costs due to modular product range</li> <li>- One single product suitable for all fitting applications</li> <li>- Complementary accessories available for the whole product range</li> </ul>
User	<ul style="list-style-type: none"> <li>- Easier door opening and improved accessibility due to CAM-motion Technology</li> <li>- Largely unaffected by temperature fluctuations thanks to thermodynamic valves</li> </ul>

### Specification for DC500

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 and latching speed continuously adjustable from front facing regulator valves
- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- CE marked
- 14 mm height adjustable arm system for ease of fitting
- Standard installation on hinge and non-hinge sides of the door
- Suitable for Left and Right hand 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)

### Colour:

- Silver
- White, similar to RAL9016
- Brown, similar to RAL8014
- Black, similar to RAL9005
- Custom finishes available

You can find the full specifications on the internet at: [www.assaabloy.co.uk](http://www.assaabloy.co.uk)

# DC700

## Technical attributes



Technical attributes	
Variable adjustable closing force	EN 3 - 6
Door widths up to	1400 mm
Fire and smoke protection	Yes
Door swing direction	Left / Right hand door
Standard and frame installation	Yes
Closing speed	Variable between 170° - 0°
Latching speed	Variable between 15° - 0°
Backcheck	Variable above 75°
Opening angle hinge side	Ca. 170°
Opening angle non-hinge side	Ca. 120°
Weight	2.7 kg
Height	64 mm
Depth	57 mm
Length	270 mm
Certified in compliance with	EN 1154
CE marking for building products	Yes



### The advantages at a glance

Customer segment	Advantages
Architects & Specifiers	<ul style="list-style-type: none"> <li>- Extensive range of uses: Fire and smoke protection doors as well as standard doors</li> <li>- Modern design</li> <li>- Compact design</li> <li>- Fulfils barrier-free building requirements (Equality Act)</li> <li>- Same dimensions and design with and without mounting plate</li> <li>- Comprehensive functions, standard and optional</li> </ul>
Builders & Installers	<ul style="list-style-type: none"> <li>- One drilling template overall</li> <li>- Adjustable to nearly all door and frame types</li> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> <li>- Suitable for Left and Right hand doors for standard and frame fitting on hinge and non-hinge sides</li> </ul>
Trade	<ul style="list-style-type: none"> <li>- Reduced inventory costs due to modular product range</li> <li>- One single product suitable for all fitting applications</li> <li>- Complementary accessories available for the whole product range</li> </ul>
User	<ul style="list-style-type: none"> <li>- Easier door opening and improved accessibility due to CAM-motion Technology</li> <li>- Backcheck feature offers optimum protection for doors and walls</li> <li>- Largely unaffected by temperature fluctuations thanks to thermodynamic valves</li> </ul>

### Specification for DC700

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 up to 1400 mm wide
- Closing speed, latch speed and backcheck adjustable from front facing regulator valves
- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- CE marked
- 14 mm height adjustable arm system for ease of fitting
- Standard installation on hinge and non-hinge sides of the door
- Suitable for Left and Right hand 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)

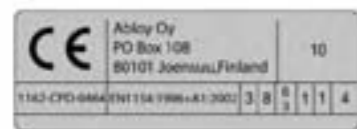
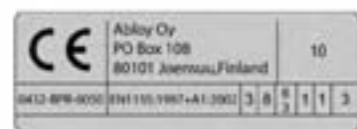
### Colour:

- Silver
- White, similar to RAL9016
- Brown, similar to RAL8014
- Black, similar to RAL9005
- Custom finishes available

You can find the full specifications on the internet at: [www.assaabloy.co.uk](http://www.assaabloy.co.uk)

# DC700 with G460

## Technical attributes



Technical attributes (G460)	
Voltage supply	24 V DC
Max. consumption	60 mA
Door widths up to	1400 mm
Hold open angle	70° - 130°
Weight	1,2 kg
Height	31 mm
Depth	33 mm
Length	545 mm
Certified in compliance with	EN 1155
CE mark for building products	Yes

Technical attributes for the ASSA ABLOY G460 guide rail with electro-mechanical hold open. Use the G460 in conjunction with the DC700 door closer body - supplied separately.

### The advantages at a glance

Customer segment	Advantages
Architects & Specifiers	<ul style="list-style-type: none"> <li>- Extensive range of uses: Fire and smoke protection doors</li> <li>- Modern design</li> <li>- Compact design</li> </ul>
Builders & Installers	<ul style="list-style-type: none"> <li>- Adjustable to nearly any door and frame types</li> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> <li>- Suitable for Left and Right hand doors for standard installation in hinge and non-hinge side</li> </ul>
Trade	<ul style="list-style-type: none"> <li>- Reduced inventory costs due to modular product range</li> <li>- One single product suitable for all fitting applications</li> <li>- A single model for all hinge and non-hinge sides</li> </ul>
User	<ul style="list-style-type: none"> <li>- Easier door opening and improved accessibility due to CAM-motion Technology</li> <li>- Backcheck feature offers optimum protection for doors and walls</li> <li>- Largely unaffected by temperature fluctuations thanks to thermodynamic valves</li> </ul>

#### Specification for G460

ASSA ABLOY guide rail with electro-mechanical hold open device used with DC700 CAM-motion door closer

- Power supply 24 V DC
- Hold open force continuously adjustable, EN size 3 - 6
- Hold open angle adjustable between 70° - 130°
- Can be used for Left and Right hand doors
- Standard installation types on the hinge side and non-hinge side
- Guide rail height adjustable of 14 mm
- Large range of applications
- Technical approval for different smoke detection systems
- CE marked

#### Accessories:

- Mounting plate A115
- Angle bracket A116
- Power supply
- Smoke protection detector
- Flush mounted or surface mounted release button

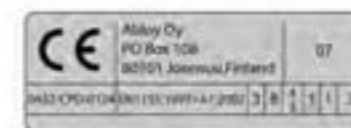
#### Colour:

- Silver
- White, similar to RAL9016
- Brown, similar to RAL8015
- Black, similar to RAL9005
- Custom finishes available

You can find the full specifications on the internet at: [www.assaabloy.co.uk](http://www.assaabloy.co.uk)

# DC640

## Technical attributes



Technical attributes	
Continuously adjustable closing force with guide rail free swing / link arm free swing	EN 3 - 4 / EN 3 - 6
Door widths up to	1100 mm / 1400 mm
Fire and smoke protection	Yes
Door swing direction	Left / Right
Closing speed	Variable 180° - 0°
Latching speed	Variable 15° - 0°
Backcheck	Variable above 75°
Weight	4.0 kg
Height	71 mm
Depth	63 mm
Length	400 mm
Certified in compliance with	EN 1155
CE marking for building products	Yes

### The advantages at a glance

Customer segment	Advantages
Architects & Specifiers	<ul style="list-style-type: none"> <li>- Free swing function</li> <li>- CE certified with link arm and guide rail</li> <li>- Modern design</li> <li>- Standard functions built-in</li> </ul>
Builders & Installers	<ul style="list-style-type: none"> <li>- Adjustable to nearly all door and frame types</li> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> <li>- Suitable for Left and Right hand doors, in both door and frame mounted applications</li> </ul>
Trade	<ul style="list-style-type: none"> <li>- One single product suitable for all fitting applications</li> <li>- Complimentary accessories available for the whole product range</li> </ul>
User	<ul style="list-style-type: none"> <li>- After first opening door can be opened without any resistance (free swing)</li> <li>- Largely unaffected by temperature fluctuations thanks to thermodynamic valves</li> <li>- Backcheck feature offers optimum protection for doors and walls</li> </ul>

#### Specifications for DC640

ASSA ABLOY Door Closer DC640 featuring free swing technology in compliance with EN 1155

- With link arm free swing L690, closing power adjustable EN size 3 - 6, for doors up to 1400 mm wide
- With guide rail free swing G694, closing power adjustable EN size 3 - 4, for doors up to 1100 mm wide
- Closing speed, latching speed and backcheck adjustable from front facing regulator valves
- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- CE marked
- 14 mm height adjustable arm system for ease of fitting
- Suitable for Left and Right hand doors

#### Accessories:

- Link arm free swing L690
- Guide rail free swing G694
- Connection box A140 for door leaf installations
- Mounting plate A130 for guide rail G694
- Angle bracket A104 for guide rail G694

#### Colour:

- Silver
- White, similar to RAL9016
- Brown, similar to RAL8014
- Black, similar to RAL9005
- Custom finishes available

You can find the full specifications on the internet at: [www.assaabloy.co.uk](http://www.assaabloy.co.uk)

# DC860

## Technical attributes



Technical attributes	
Variable adjustable closing force	EN 1 – 5
Door widths up to	1250 mm
Fire and smoke protection (Please check the useability according your local regulations)	Yes
Door swing direction	Left / Right hand door
Closing speed	Variable 120° – 0°
Latching speed	Variable 7° – 0°
Backcheck	Fixed about 80°
Opening angle	Ca. 120°
Weight	2.3 kg
Height	51 mm
Width	40 mm
Length	290 mm
Certified in compliance with	EN 1154
CE mark for building products	Yes

### The advantages at a glance

Customer segment	Advantages
<b>Architects &amp; Specifiers</b>	<ul style="list-style-type: none"> <li>- Extensive range of uses: Fire and smoke protection doors as well as standard doors</li> <li>- Concealed door closer and guide rail with only the arm visible</li> <li>- Standard functions built-in</li> <li>- Fulfils barrier-free building requirements (Equality Act)</li> <li>- Possibility to use with concealed fire door closing system</li> </ul>
<b>Builders &amp; Installers</b>	<ul style="list-style-type: none"> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> <li>- Suitable for Left and Right hand doors</li> </ul>
<b>Trade</b>	<ul style="list-style-type: none"> <li>- Low stock keeping costs thanks non-handed design in closer and arm system</li> <li>- One single product suitable for all fitting applications</li> <li>- Complimentary accessories available</li> </ul>
<b>User</b>	<ul style="list-style-type: none"> <li>- Door easy to use thanks to the greatly reduced torque</li> <li>- Largely unaffected by temperature fluctuations thanks to thermodynamic valves</li> <li>- Protection for door and wall thanks to built-in backcheck and pressure relief valve</li> </ul>

You can find the full specifications on the internet at: [www.assaabloy.co.uk](http://www.assaabloy.co.uk)

### Specifications for DC860

ASSA ABLOY Concealed Door Closer DC860 with CAM-motion Technology and concealed guide rail in compliance with EN 1154

- Closing power continuously adjustable, EN size 1 - 5
- Closing speed, latching speed and closing force continuously adjustable from top
- CE marked
- 4 mm and 8 mm spindle extensions available
- Suitable for Left and Right hand doors

### Accessories:

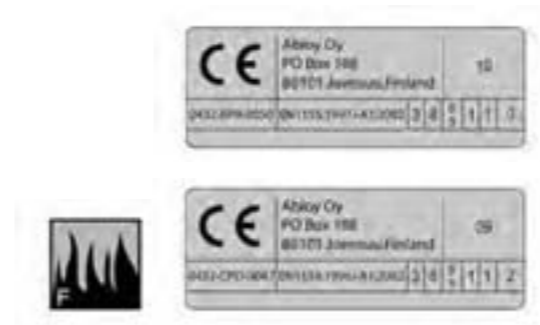
- Small concealed guide rail DC892
- Standard concealed guide rail DC893
- Mechanical hold open device A152 (not for fire and smoke protection doors)
- Mechanical opening damper A153
- Fixing plate 812775

### Colour:

- Silver
- Custom finishes available

# DC860 with G880

## Technical attributes



Technical attributes	
Voltage supply	24 V DC
Max. consumption	60 mA
Door widths up to	1400 mm
Weight	0,9 kg
Height	30 mm
Depth	26 mm
Length	493 mm
Certified in compliance with	EN 1155
CE mark for building products	Yes

Technical attributes for the ASSA ABLOY G880 concealed guide rail with electro-mechanical hold open. Use in conjunction with the DC860 concealed closer body (supplied separately), see DC860 details.

### The advantages at a glance

Customer segment	Advantages
<b>Architects &amp; Specifiers</b>	<ul style="list-style-type: none"> <li>- Concealed door closer products have aesthetic advantages for many solutions</li> <li>- Extensive range of uses: Fire and smoke protection doors as well as standard doors</li> <li>- Compact design, small size</li> <li>- Suitable for steel, wooden and aluminium profile doors</li> </ul>
<b>Builders &amp; Installers</b>	<ul style="list-style-type: none"> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> <li>- Suitable for Left and Right hand doors</li> </ul>
<b>Trade</b>	<ul style="list-style-type: none"> <li>- Reduced inventory costs due to modular product range</li> <li>- One single product suitable for all fitting applications</li> <li>- A single model for all single door concealed installation</li> </ul>
<b>User</b>	<ul style="list-style-type: none"> <li>- Adjustable operating force, to meet door construction requirements and end user needs</li> </ul>

You can find the full specifications on the internet at: [www.assaabloy.co.uk](http://www.assaabloy.co.uk)

### Specification for G880

ASSA ABLOY concealed guide rail with electro-mechanical hold open device used with DC860 concealed CAM-motion door closer

- Power supply 24 V DC
- Hold open force continuously adjustable, EN size 3 - 6
- Hold open angle adjustable between 80° - 120°
- Can be used for Left and Right hand doors
- Large range of applications
- With technical approval for different smoke detection systems
- CE marked

### Accessories:

- Power supply
- Smoke protection detector
- Flush mounted or surface mounted release button

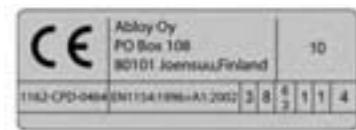
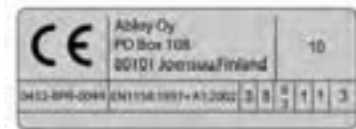
### Colour:

- Silver
- Custom finishes available



# DC700 with G461

## Technical attributes



Technical attributes	
Hinge distance	1250 - 2800 mm
Fire and smoke protection	Yes
Max. opening angle of active leaf (hinge side / non-hinge side)	150° / 120°
Max. opening angle of inactive leaf (hinge side / non-hinge side)	170° / 120°
Weight	2,6 kg
Height	31 mm
Depth	33 mm
Length	Depends on hinge distance
Certified in compliance with	EN 1158
CE mark for building products	Yes

Technical attributes for the ASSA ABLOY G461 guide rail with mechanical co-ordinator.  
Use in conjunction with the DC700 closer bodies (supplied separately), see DC700 details.

### The advantages at a glance

Customer segment	Advantages
Architects & Specifiers	<ul style="list-style-type: none"> <li>- Extensive range of uses: Fire and smoke protection doors as well as standard doors</li> <li>- Modern design</li> <li>- Compact design</li> </ul>
Builders & Installers	<ul style="list-style-type: none"> <li>- Adjustable to nearly any door and frame types</li> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> <li>- Suitable for hinge and non-hinge side installations</li> </ul>
Trade	<ul style="list-style-type: none"> <li>- Reduced inventory costs due to modular product range</li> <li>- One single product suitable for all fitting applications</li> <li>- A single model for all hinge and non-hinge sides</li> </ul>
User	<ul style="list-style-type: none"> <li>- Correct closing sequence guaranteed in every situation</li> </ul>

### Specification for G461

ASSA ABLOY guide rail with mechanical coordinator for double doors used with DC700 CAM-motion door closers

- Hinge distance 1250 - 2800 mm
- Active leaf could stay open in any selected angle up to 150° when inactive leaf is opened
- Standard installation types on the hinge side and non-hinge side
- Non-hinge side installation needs hook arm G120
- Guide rail height adjustable of 14 mm
- Large range of applications
- CE marked

### Accessories:

- Mounting plate A115
- Angle bracket A116
- Angle bracket A117
- Hook arm G120 for non-hinge side installations
- Carry bar

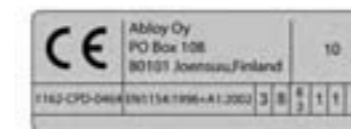
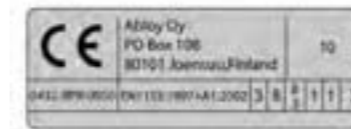
### Colour:

- Silver
- White, similar to RAL9016
- Brown, similar to RAL8015
- Black, similar to RAL9005
- Custom finishes available

You can find the full specifications on the internet at:  
[www.assaabloy.co.uk](http://www.assaabloy.co.uk)

# DC700 with G462

## Technical attributes



Technical attributes	
Voltage supply	24 V DC
Max. consumption	120 mA
Hinge distance	1250 - 2800 mm
Fire and smoke protection	Yes
Hold open angle hinge side installation	70° - 130°
Hold open angle non-hinge side installation	70° - 120°
Weight	3,1 kg
Height	31 mm
Depth	33 mm
Length	Depends on hinge distance
Certified in compliance with	EN 1155 and EN 1158
CE mark for building products	Yes

Technical attributes for the ASSA ABLOY G462 guide rail with 2 electro-mechanical hold open devices.  
Use in conjunction with the DC700 door closer bodies (supplied separately), see DC700 details.

### The advantages at a glance

Customer segment	Advantages
Architects & Specifiers	<ul style="list-style-type: none"> <li>- Extensive range of uses: Fire and smoke protection doors</li> <li>- Modern design</li> <li>- Compact design</li> <li>- Applications where active door leaf or both door leaves need to keep open</li> </ul>
Builders & Installers	<ul style="list-style-type: none"> <li>- Adjustable to nearly any door and frame types</li> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> <li>- Suitable for hinge and non-hinge side installations</li> </ul>
Trade	<ul style="list-style-type: none"> <li>- Reduced inventory costs due to modular product range</li> <li>- One single product suitable for all fitting applications</li> <li>- A single model for all hinge and non-hinge sides</li> </ul>
User	<ul style="list-style-type: none"> <li>- Correct closing sequence guaranteed in every situation</li> <li>- Adjustable operating force, to meet door construction requirements and end user needs</li> </ul>

### Specification for G462

ASSA ABLOY guide rail with mechanical coordinator and two electro-mechanical hold open devices for double doors used with DC700 CAM-motion door closers

- Hinge distance 1250 - 2800 mm
- Possible to keep active leaf or both door leaves open
- Hold open angle adjustable between 70°-130°
- Continuously adjustable hold open force
- Correct closing sequence guaranteed because inactive leaf must be very near of closed position before active leaf start to close
- Standard installation types on the hinge side and non-hinge side
- Non-hinge side installation needs hook arm G120
- Guide rail height adjustable of 14 mm
- CE marked

### Accessories:

- Mounting plate A115
- Angle bracket A116
- Angle bracket A117
- Hook arm G120 for non-hinge side installations
- Carry bar
- Power supply
- Smoke protection detector
- Flush mounted or surface mounted release button

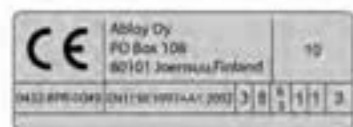
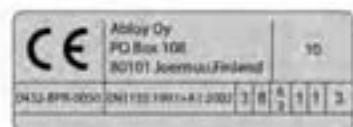
### Colour:

- Silver
- White, similar to RAL9016
- Brown, similar to RAL8015
- Black, similar to RAL9005
- Custom finishes available

You can find the full specifications on the internet at:  
[www.assaabloy.co.uk](http://www.assaabloy.co.uk)

# DC700 with G464

## Technical attributes



Technical attributes	
Voltage supply	24 V DC
Max. consumption	60 mA
Hinge distance	1250 - 2800 mm
Fire and smoke protection	Yes
Max. opening angle of active leaf (hinge side / non-hinge side)	150° / 120°
Hold open angle of inactive leaf (hinge side / non-hinge side)	70° - 130° / 70° - 120°
Weight	2,9 kg
Height	31 mm
Depth	33 mm
Length	Depends on hinge distance
Certified in compliance with	EN 1155 and EN 1158
CE mark for building products	Yes

Technical attributes for the ASSA ABLOY G464 guide rail with mechanical co-ordinator and electro-mechanical hold open. Use in conjunction with the DC700 closer bodies (supplied separately), see DC700 details.

### The advantages at a glance

Customer segment	Advantages
Architects & Specifiers	<ul style="list-style-type: none"> <li>- Extensive range of uses: Fire and smoke protection doors</li> <li>- Modern design</li> <li>- Compact design</li> <li>- Applications where both door leaves need to keep open</li> </ul>
Builders & Installers	<ul style="list-style-type: none"> <li>- Adjustable to nearly any door and frame types</li> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> <li>- Suitable for hinge and non-hinge side installations</li> </ul>
Trade	<ul style="list-style-type: none"> <li>- Reduced inventory costs due to modular product range</li> <li>- One single product suitable for all fitting applications</li> <li>- A single model for all hinge and non-hinge sides</li> </ul>
User	<ul style="list-style-type: none"> <li>- Correct closing sequence guaranteed in every situation</li> <li>- Adjustable operating force, to meet door construction requirements and end user needs</li> </ul>

### Specification for G464

ASSA ABLOY guide rail with mechanical co-ordinator and electro-mechanical hold open device for double doors used with DC700 CAM-motion door closers

- Hinge distance 1250 - 2800 mm
- Possible to keep both door leaves open
- Hold open angle of inactive leaf adjustable between 70° - 130°
- Continuously adjustable hold open force
- Active door leaf could stay open in any selected angle up to 150° when inactive leaf is opened
- Correct closing sequence guaranteed because inactive leaf must be very near of closed position before active leaf start to close
- Standard installation types on the hinge side and non-hinge side
- Non-hinge side installation needs hook arm G120
- Guide rail height adjustable of 14 mm
- Large range of applications
- CE marked

### Accessories:

- Mounting plate A115
- Angle bracket A116
- Angle bracket A117
- Hook arm G120 for non-hinge side installations
- Carry bar
- Power supply
- Smoke protection detector
- Flush mounted or surface mounted release button

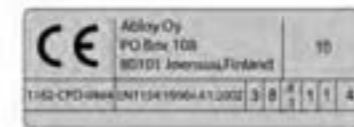
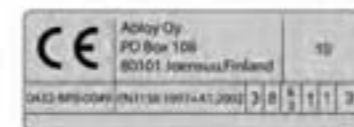
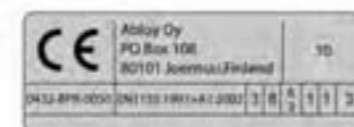
### Colour:

- Silver
- White, similar to RAL9016
- Brown, similar to RAL8015
- Black, similar to RAL9005
- Custom finishes available

You can find the full specifications on the internet at: [www.assaabloy.co.uk](http://www.assaabloy.co.uk)

# DC860 with G881

## Technical attributes



Technical attributes	
Hinge distance	1350 - 2800 mm
Fire and smoke protection	Yes
Max. opening angle of active leaf	120°
Max. opening angle of inactive leaf	120°
Weight	2,0 kg
Height	30 mm
Depth	26 mm
Length	Depends on hinge distance
Certified in compliance with	EN 1158
CE mark for building products	Yes

Technical attributes for the ASSA ABLOY G881 concealed guide rail with mechanical co-ordinator. Use in conjunction with the DC860 concealed closer bodies (supplied separately), see DC860 details.

### The advantages at a glance

Customer segment	Advantages
Architects & Specifiers	<ul style="list-style-type: none"> <li>- Concealed door closer products have aesthetic advantages for many solutions</li> <li>- Extensive range of uses: Fire and smoke protection doors as well as standard doors</li> <li>- Compact design, small size</li> <li>- Suitable for steel, wooden and aluminium profile doors</li> </ul>
Builders & Installers	<ul style="list-style-type: none"> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> </ul>
Trade	<ul style="list-style-type: none"> <li>- Reduced inventory costs due to modular product range</li> <li>- One single product suitable for all fitting applications</li> <li>- A single model for all concealed double door solutions</li> </ul>
User	<ul style="list-style-type: none"> <li>- Correct closing sequence guaranteed in every situation</li> </ul>

### Specification for G881

ASSA ABLOY concealed guide rail with mechanical coordinator for double doors used with DC860 concealed CAM-motion door closers

- Hinge distance 1350 - 2800 mm
- Correct closing sequence guaranteed because inactive leaf must be very near of closed position before active leaf start to close
- Active leaf could stay open in any selected angle up to 120° when inactive leaf is opened
- Large range of applications
- CE marked

### Accessories:

- Carry bar

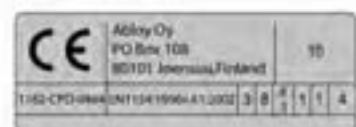
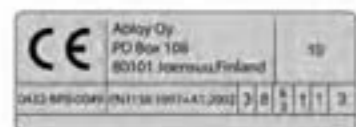
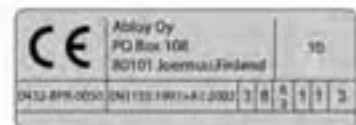
### Colour:

- Silver
- Custom finishes available

You can find the full specifications on the internet at: [www.assaabloy.co.uk](http://www.assaabloy.co.uk)

# DC860 with G882

## Technical attributes



Technical attributes	
Voltage supply	24 V DC
Max. consumption	120 mA
Hinge distance	1350 - 2800 mm
Fire and smoke protection	Yes
Hold open angle of active leaf	70 - 120°
Hold open angle of inactive leaf	70 - 120°
Weight	2,2 kg
Height	30 mm
Depth	26 mm
Length	Depends on hinge distance
Certified in compliance with	EN 1155 and EN 1158
CE mark for building products	Yes

Technical attributes for the ASSA ABLOY G882 concealed guide rail with mechanical co-ordinator and 2 electro-mechanical hold opens. Use in conjunction with the DC860 concealed door closer bodies (supplied separately), see DC860 details.

### The advantages at a glance

Customer segment	Advantages
Architects & Specifiers	<ul style="list-style-type: none"> <li>- Concealed door closer products have aesthetic advantages for many solutions</li> <li>- Extensive range of uses: Fire and smoke protection doors as well as standard doors</li> <li>- Compact design, small size</li> <li>- Suitable for steel, wooden and aluminium profile doors</li> </ul>
Builders & Installers	<ul style="list-style-type: none"> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> </ul>
Trade	<ul style="list-style-type: none"> <li>- Reduced inventory costs due to modular product range</li> <li>- One single product suitable for all fitting applications</li> <li>- A single model for all concealed double door solutions</li> </ul>
User	<ul style="list-style-type: none"> <li>- Correct closing sequence guaranteed in every situation</li> <li>- Adjustable operating force, to meet door construction requirements and end user needs</li> </ul>

### Specification for G882

ASSA ABLOY concealed guide rail with mechanical coordinator and two electro-mechanical hold open devices for double doors used with DC860 concealed CAM-motion door closers

- Hinge distance 1350 - 2800 mm
- Possible to keep active leaf or both door leaves open
- Hold open angle adjustable between 70° - 120°
- Continuously adjustable hold open force
- Correct closing sequence guaranteed because inactive leaf must be very near of closed position before active leaf start to close
- Large range of applications
- CE marked

### Accessories:

- Carry bar
- Power supply
- Smoke protection detector
- Flush mounted or surface mounted release button

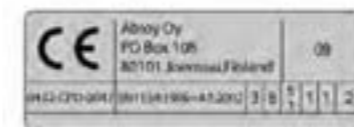
### Colour:

- Silver
- Custom finishes available

You can find the full specifications on the internet at: [www.assaabloy.co.uk](http://www.assaabloy.co.uk)

# DC860 with G884

## Technical attributes



Technical attributes	
Voltage supply	24 V DC
Max. consumption	60 mA
Hinge distance	1350 - 2800 mm
Fire and smoke protection	Yes
Opening angle on active leaf	up to 120°
Hold open angle of inactive leaf	70° - 120°
Weight	2,1 kg
Height	30 mm
Depth	26 mm
Length	Depends on hinge distance
Certified in compliance with	EN 1155 and EN 1158
CE mark for building products	Yes

Technical attributes for the ASSA ABLOY G884 concealed guide rail with mechanical co-ordinator and electro-mechanical hold open. Use in conjunction with the DC860 concealed door closer bodies (supplied separately), see DC860 details.

### The advantages at a glance

Customer segment	Advantages
Architects & Specifiers	<ul style="list-style-type: none"> <li>- Concealed door closer products have aesthetic advantages for many solutions</li> <li>- Extensive range of uses: Fire and smoke protection doors as well as standard doors</li> <li>- Compact design, small size</li> <li>- Suitable for steel, wooden and aluminium profile doors</li> </ul>
Builders & Installers	<ul style="list-style-type: none"> <li>- Quick and easy installation</li> <li>- Quickly and easily adjustable</li> </ul>
Trade	<ul style="list-style-type: none"> <li>- Reduced inventory costs due to modular product range</li> <li>- One single product suitable for all fitting applications</li> <li>- A single model for all concealed double door solutions</li> </ul>
User	<ul style="list-style-type: none"> <li>- Correct closing sequence guaranteed in every situation</li> <li>- Adjustable operating force, to meet door construction requirements and end user needs</li> </ul>

### Specification for G884

ASSA ABLOY concealed guide rail with mechanical co-ordinator and electro-mechanical hold open device for double doors used with DC860 concealed CAM-motion door closers

- Hinge distance 1350 - 2800 mm
- Possible to keep both door leaves open
- Hold open angle of inactive leaf adjustable between 70° - 120°
- Continuously adjustable hold open force
- Active leaf could stay open in any selected angle up to 120° when inactive leaf is opened
- Correct closing sequence guaranteed because inactive leaf must be very near of closed position before active leaf start to close
- Large range of applications
- CE marked

### Accessories:

- Carry bar
- Power supply
- Smoke protection detector
- Flush mounted or surface mounted release button

### Colour:

- Silver
- Custom finishes available

You can find the full specifications on the internet at: [www.assaabloy.co.uk](http://www.assaabloy.co.uk)



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