Making sure a door closes quietly and securely is sometimes a challenge. Self-closing doors can cause noise disturbance in environments peaceful in essence. Whether in hotels, hospitals, care homes or schools, silence is desirable and fosters relaxation, recovery and learning.

They can also struggle where there are air pressure differences, such as clean rooms and server rooms, or simply where there are draughts from the outside pulling against an entrance door.

A door that doesn’t close properly is a problem. It puts the fire safety of the building at risk, compromises security and adds to building energy costs.

A banging door or noise filtering through an open door can irritate. When high volumes of users pass through, a self-closing door needs to handle the traffic and preserve peace and quiet.

A door must close safely: strong enough to close firmly, but sensitively and slowly so that little fingers don’t get trapped.

A good door doesn’t bar the way. Older users and children must feel comfortable opening it, and those with luggage need time to get through.
The solution:
Look no further than Close-Motion®

Innovative Cam-Motion® technology combines with an integrated damping device to close doors quietly, safely and securely at the speed you want.

The door is pulled quietly and securely into the frame, allowing the locking system to latch the door into position. Close-Motion® minimises problems from draughts and differences in air pressure. No noise. No fuss.

Close-Motion® can be safely set to faster closing speeds as the unique damping feature preserves safety and silence by controllably slowing the door during the last few degrees of closing.

With safety, noise, accessibility and security covered, Close-Motion® is ideal for environments ranging from hospitality to healthcare and encompassing education and commercial or government buildings.

Easy to install by design, it is simple to adjust the standard closing and backcheck controls. Retrofit and upgrade paths are simple, as Close-Motion® uses the same mounting positions as the four core ASSA ABLOY door closer variants DC200, 300, 500 and 700. It is also suitable for retrofitting on single and double leaf* fire and smoke protection doors.

Close-Motion® in. Noise out.
The perfect solution to quiet and secure door closing challenges.

Advantages at a glance
Close-Motion® technology

1. Provides, quiet and safe closing, minimising the danger of finger traps.
2. Produces optimal damping when closing for quiet door closing action.
3. Increases the closing force to pull the door securely into the frame.
4. Closes doors reliably in environments when external wind pressure or air pressure differentials can be problematic.
5. Combines with other ASSA ABLOY architectural hardware to create a complete door opening solution by design.
6. Suitable for single and double-leaf doors*.

* CE certificates applied for * CE certificates applied for
The ASSA ABLOY door control range is a 2018 winner of an Iconic Award for Innovative Architecture – the Iconic Awards are an annual international architecture and design competition established by the German Design Council.

**Subtle contrast**
Sophisticated and sleek, ASSA ABLOY door controls blend lightly contrasting colours and finishes to give a pleasing enhancement to the door design, perfect for all environments.

**Distinctive and modern**
Contemporary in appearance, with neat chamfered edges that exude quality and robustness.

**Smooth and robust**
A distinct yet unobtrusive appearance achieved with soft angles and a double radius.

**Definition and continuity**
Strong lines combined with light metallic finishes make a powerful statement. The hallmark horizontal groove provides recognisable continuity from model to model.

**Quieter by design**
Close-Motion® integrates the damping mechanism unobtrusively into the guide rail, so its extra features do not detract from the hallmark ASSA ABLOY portfolio design.

**Built to the highest standards of quality and compliance,** Close-Motion® offers unique user comfort in an aesthetically pleasing design, to give a door opening solution that matches your needs.

Designed to enhance your specification...

...the latest evolution that works with your architectural vision.
DC700G-CM
Door closer with Cam-Motion® technology and integrated Close-Motion® element

ASSA ABLOY DC700G-CM
∙ Door closer with Cam-Motion® technology, extended mounting plate and integrated Close-Motion® element for safe and noiseless closing
∙ The door can be pulled closed safely and quietly from an angle of ≤ 10°
∙ Suitable for retrofitting on fire doors and smoke control doors and fastening using drilling template in accordance with DIN EN 1154, supplementary sheet 1:2003-11
∙ Suitable for fire and smoke protection doors with tamper protection
∙ Tested as a whole element in accordance with EN 1154, size 3-6
∙ For single action doors up to 1400 mm wide
   Variants tested according to EN 1155 and EN 1158 (CE certificates applied for)

Characteristics of DC700G-CM
∙ Integrated Close-Motion® element in extended closer housing
∙ Close-Motion® element with horizontal and vertical adjustment
∙ Optional tamper protection, installation without dismantling function elements
∙ Standard installation on hinge side
∙ Can be used for left and right-handed doors
∙ 14 mm height adjustable arm system for ease of fitting
∙ Closing speed and latching speed continuously adjustable from front
∙ Variable adjustable closing force
∙ Opening angle up to 170°
∙ Thermodynamic valves for consistent speed
∙ Standard colours: Silver EV1, stainless steel design

Characteristics of G150
∙ Close-Motion® control curve integrated in the guide rail
∙ Drilling template of the standard guide rails from ASSA ABLOY can be used
∙ Height-adjustable by 2 mm for tolerance
∙ Concealed fastening screws

Accessories:
- Mounting plate A131
- Mechanical opening damper A188
- Mech. hold-open device A158 (not for fire and smoke protection doors)
- Tamper protection M220 | M225
- Adapter plate A230 | A240 | A250 | A260

Specifications DC700G-CM
ASSA ABLOY door closer with Cam-Motion® technology, extended mounting plate and integrated Close-Motion® element, guide rail with Close-Motion® control curve.
∙ Closing power adjustable, EN size 3-6, for doors up to 1400 mm wide
   - Door closer DC700 tested in accordance with DIN EN 1154, with CE mark
   - Door closer DC700 tested in accordance with DIN EN 1154, with CL mark
   - Closing speed, latching speed and backcheck continuously adjustable
   - 14 mm height adjustable arm system for ease of fitting
   - Suitable for fire and smoke protection doors
   - Suitable for left and right-handed doors
   - Close-Motion® element horizontal (± 6 mm) and vertical (± 5 mm) adjustable

Colour: □ Silver EV1
□ Stainless steel design

DC700G-CM
Technical attributes

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Closing force</td>
<td>Variable adjustable EN 3-6</td>
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<tr>
<td>Closing speed</td>
<td>Variable between 170°-10°</td>
</tr>
<tr>
<td>Latching speed</td>
<td>Variable between 50°-15°</td>
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<tr>
<td>Max. door opening angle</td>
<td>≤ 170°</td>
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<tr>
<td>CE marking for building products</td>
<td>Yes</td>
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<tr>
<td>Weight</td>
<td>5.9 kg</td>
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<tr>
<td>Dimension door closer</td>
<td>528 x 66 x 66 mm</td>
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<tr>
<td>Dimension guide rail</td>
<td>528 x 30 x 61 mm</td>
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<tr>
<td>Close-Motion® unit</td>
<td>Support when closing: Yes</td>
</tr>
<tr>
<td></td>
<td>Damping when closing: Yes</td>
</tr>
<tr>
<td></td>
<td>Suitable for fire doors: Yes, with tamper protection</td>
</tr>
<tr>
<td></td>
<td>Mounting: left/right handed</td>
</tr>
<tr>
<td></td>
<td>Tamper protection: left/right handed</td>
</tr>
</tbody>
</table>

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

The advantages at a glance

| Project planners            | Integrated Close-Motion® elements |
|                           | Solution for challenging door situations (e.g. interlocks) |
|                           | Extensive range of uses |
|                           | Compact design |
|                           | Modern design |
|                           | For doors with a door width up to 1400 mm |

| Builders                   | Suitable for retrofitting using drilling template in accordance with DIN EN 1154, supplementary sheet 1 |
|                           | Pre-assembled component modules for quick and easy installation |
|                           | Can be used for left and right-hand doors for standard mounting on hinge side |
|                           | For doors with a door width up to 1400 mm |

| Trade                      | The door can be closed safely and silently |
|                           | Minimized danger of fingers being crushed when the door closes |
|                           | Optional: Tamper protection to prevent blocking of functional elements |

You can find the complete specification on the internet at: www.middleeast.assaabloy.com/door-closers
**DC700G-CM**

**Dimensional drawings and accessories**

- **Space required on doors** for standard installation on hinge side
  - Left handed door shown in diagram
  - Right handed door is the reverse

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

- **Adapter plate A230 / 2 mm**
  - For mounting the guide rail to rabated doors
  - Combination with A240, A250, A260 possible

- **Adapter plate A240 / 3 mm**
  - For mounting the guide rail to rabated doors
  - Combination with A230, A250, A260 possible

- **Adapter plate A250 / 5 mm**
  - For mounting the guide rail to rabated doors
  - Combination with A230, A240, A260 possible

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**DC700G-CM**

**Accessories and order placement information**

- **Adapter plate A260 / 15 mm**
  - For mounting the guide rail to rabated doors
  - Combination with A230, A240, A250 possible

- **Mechanical Hold-Open Device A158**
  - Mechanical hold-open device for temporarily holding doors open
  - Doors held open at an opening angle of 130° hinge side
  - Continuously adjustable holding force
  - Not approved for use on fire and smoke protection doors

- **Opening damper A188**
  - Helps to prevent the door and door handle from hitting a return wall.
  - Simple installation in the guide rail, but doesn’t replace the need for a door stop

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**Order Information**

- **DC700G-CM, EN size 3-6, silver EV1**
  - DC700G-CM---DEV1---

- **DC700G-CM, EN size 3-6, stainless steel design**
  - DC700CM---D35---

- **Guide rail G150, silver EV1**
  - DG150---EV1---

- **Guide rail G150, stainless steel**
  - DG150---D35---

- **Mounting plate A131, silver EV1**
  - DCA131-----EV1---

- **Mounting plate A131, white, similar to RAL9016**
  - DCA131-----9016---

- **Tamper protection M220, galvanized**
  - DCM220-------40---

- **Tamper protection M225, galvanized**
  - DCM225-------40---

- **Adapter plate A230, 2 mm, stainless steel**
  - DCA230-----35---

- **Adapter plate A240, 3 mm, stainless steel**
  - DCA240-----35---

- **Adapter plate A250, 5 mm, silver EV1**
  - DCA250-----EV1---

- **Adapter plate A260, 15 mm, silver EV1**
  - DCA260-----EV1---

- **Mechanical Hold-Open Device A158**
  - DCA158---------

- **Opening damper A188**
  - DCA188---------