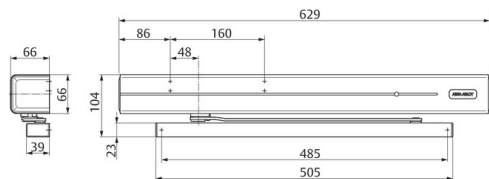


Free-Motion® compact door closer with Cam-Motion® technology, free-swing function and integrated smoke detector, frame mounting hinge side

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Product description

- ASSA ABLOY compact Free-Motion® door closer, free-swing function starting from a door opening angle 0°, with integrated smoke detector and power supply, in compliance to EN 1155
- DIBt as a hold-open system Z-6.500-2364
- Smoke switch with contamination indicator and alarm threshold monitoring
- Integrated 230 V AC power supply
- All components integrated in the door closer housing
- Fulfills barrier-free-requirement (EA / CEN TR 15894)
- Suitable for fire and smoke protection doors up to 1400 mm wide

Overview of Advantages

- Easy, initial door opening due to the rapidly decreasing opening force. When active, the free-swing function enables permanent opening of the door without the resistance of the door closer
- The door can be moved freely and, in case of a fire only, is closed automatically by the integrated smoke detector with the disconnection of the supply voltage.
- Optical smoke detector after scattered light principle, status display on LED: operational mode, alarm, maintenance
- Integrated power supply 230V AC
- Connection possibility for manual release button – mandatory according to the DIBt approval in Germany – and additional smoke detector
- Frame installation hinge side, for left and right handed doors
- Axis continuously height adjustable up to 14 mm
- Opening angle up to 170°
- Variable adjustable closing force
- Thermodynamic valves for consistent performance
- Effective latching speed range adjustable
- Standard colours: silver EV1, white similar to RAL9016, stainless steel design
- Customised finishes available on request

The advantages at a glance

Customer segment	Advantages
Project planners	Extensive range of uses Modern design Compact design Fulfills barrier-free building requirements (EA / CEN TR 15894) Comprehensive functions, standard and optional For doors with a door width up to 1,400 mm
Builders	Quick and easy installation Quickly and easily adjustable Can be used for left and right handed doors for direct frame installation on hinge side For doors with a door width up to 1,400 mm Pre-assembled component modules for quick installation Integrated functions test button
Trade	Reduced inventory costs due to modular product range Complementary accessories available for the whole product range
User	Free-swing function starting from a door opening angle 0°. Easy door opening without the resistance of the door closer, is approved for use on fire doors Largely unaffected by temperature fluctuations because of thermodynamic valves Easier door opening and improved accessibility due to rapidly decreasing torque Automatic alarm reset

Technical data

Rated current consumption	Ca. 100mA
Closing force	EN 3-6
Door width up to	1400 mm
Handing	Left / right handed
Closing speed	Variable between 170°-10°
Latching speed	Variable between 10°-0°
Max. door opening angle	About 170° - mechanically limited
Required power supply	230 V supply voltage
Continuous duty	100 %
Class of protection	IP20
Suitable for fire doors	Yes

DC700G- FMS- K

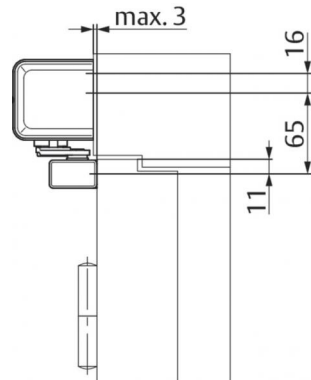
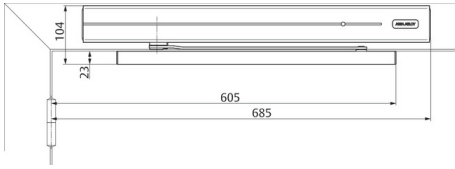
Free-Motion® compact door closer with Cam-Motion® technology, free-swing function and integrated smoke dedector, frame mounting hinge side

Certified in compliance with	EN 1155
General technical approval as Arrester system	Z-6.500-2364
Length	629 mm
Height	66 mm
Depth	66 mm
Color	Customised finish
Net_weight	1,4 kg
Article number	DC700FMSK-DXXXX

Free-Motion® compact door closer with Cam-Motion® technology, free-swing function and integrated smoke dedector, frame mounting hinge side

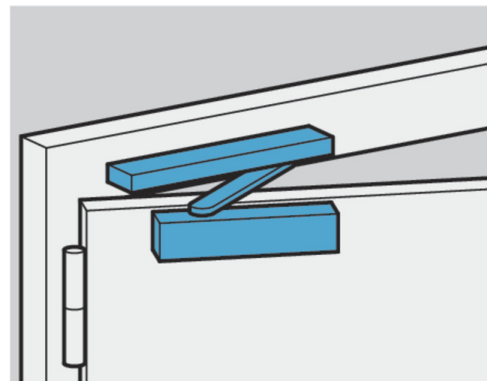
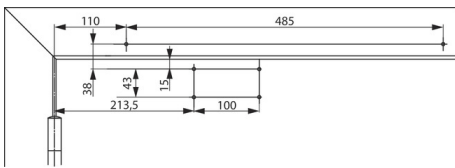
view construction

Space required on doors for hinge side lintel fitting



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

Surface-mounted release button 1316-10

Surface-mounted interrupter pushbutton with red actuator field, labelled 'Close door'. For controlling fail-unlocked components, such as holding magnets and fail-unlocked strikes, and as a manual switch / control for arrester systems. Changeover contact switch.

Notice

According to local laws/requirements, an external release button is mandatory for Free-Motion® door closers with hold open devices

Wiring diagram

