

DC700 with G461

Door closer with Cam-Motion® technology and integrated mechanical door coordinator for double leaf doors, size 3-6



DC700 with guide rail G461, silver, EV1

Cam-Motion® technology creates rapidly decreasing opening force without losing fire or smoke protection compliance

The DC700 series brings precise control for doors which must balance access and protection, contained within a stylish exterior to meet the demands of discerning environments. The rapidly decreasing opening force of Cam-Motion technology ensures doors open with less effort. The mechanical door coordinator is integrated into the guide rail.

- Certified in compliance with EN 1154/1158, size 3-6
- Suitable for fire and smoke protection doors
- For double leaf doors with hinge distance from 1350/1400 mm up to 2800 mm
- Barrier-free according to DIN 18040 (max. leaf width 1250 mm) and CEN/TR 15894

Colours

- Silver, EV1
- White, similar to RAL 9016
- Black, similar to RAL 9005

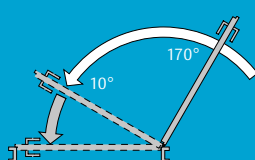
Features

- Suitable for hinge side and non-hinge side mounting (non-hinge side requires hook arm)
- Height-adjustable, grooved spindle (14 mm) compensates installation mistakes
- Closing and latch speeds can be raised and lowered independently
- Durable, front-facing metal valves make adjustments easy and reliable
- Consistent performance in a wide range of temperatures

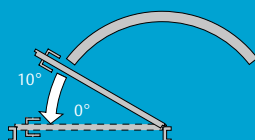
Accessories

- **G120** hook arm for non-hinge side mounting
- **A114** mechanical hold-open device with adjustable hold-open force, keeps doors open at an angle between 70° and 120° (not approved for use on fire and smoke protection doors)
- **A191** mechanical opening damper for guide rail, installed on the active door leaf (does not replace door stop)

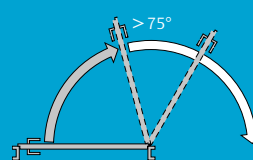
Independent adjustment via front-facing valves



Closing speed (C)



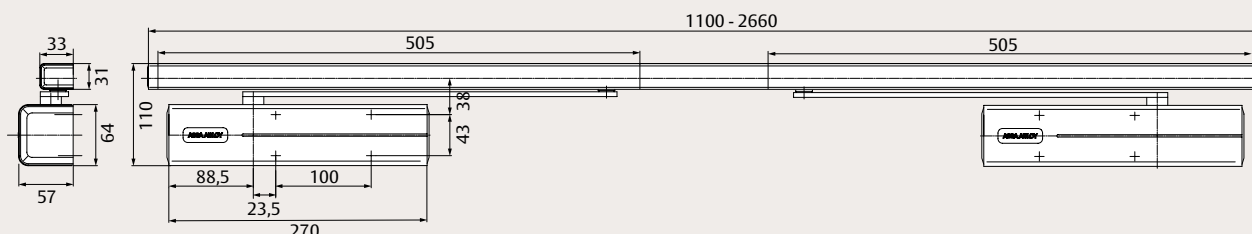
Latch speed (L)



Backcheck (B)

DC700 with G461

Technical attributes and certification



DC700 with G461, dimensions in mm



Technical attributes

Guide rail G461 (For door closer information, please see DC700/DC500/DC340.)

Closing force	EN size 3-6
Maximum hinge distance	1350/1400 – 2800 mm (hinge side / non-hinge side) 2800 – 3200 mm (hinge side, with A113)
Maximum opening angle of active leaf	DC700, DC500: 170°/105° (hinge side / non-hinge side) DC700AC, DC340: 180°/105° (hinge side / non-hinge side)
Hold-open angle of passive leaf	DC700, DC500: 170°/115° (hinge side / non-hinge side) DC700AC, DC340: 180°/115° (hinge side / non-hinge side)
Mounting options	Leaf mounting on hinge or non-hinge side
Door system	Double leaf
Force adjustment	Yes
Height adjustment	Yes
Corrosion resistance	Grade 3 (96 hours)
Dimensions (H x D x L)	31 x 33 x * mm (*depends on hinge distance)



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product literature



Certification and testing

Certified in compliance with	EN 1154, EN 1158
CE classification	3 8 3-6 1 1 4 (EN 1154) 3 8 3-6 1 1 3 (EN 1158)
CE / UKCA mark	Yes
Suitable for fire and smoke protection doors	Yes
Barrier-free according to	CEN/TR 15894 DIN 18040 (max. leaf width 1250 mm)
Third-party verified EPD	ISO 14025, EN 15804

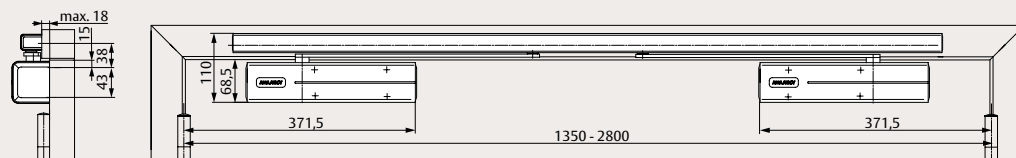


DC700 with G461

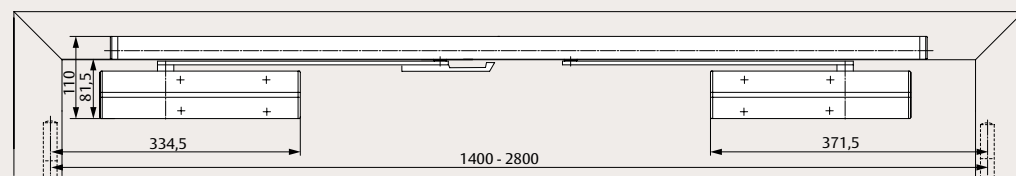
Space requirement and mounting dimensions



Scan the QR code
to watch the
installation video



Space required on doors for installation on hinge side

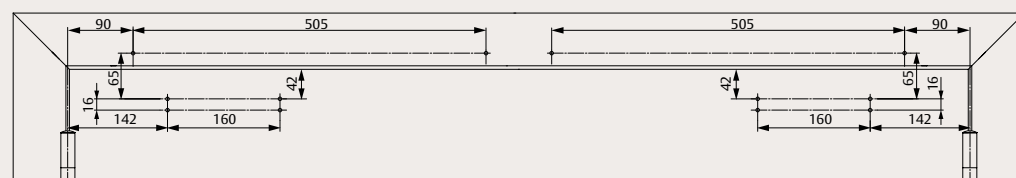


Space required on doors for installation on non-hinge side

Mounting plate mounting

on hinge side

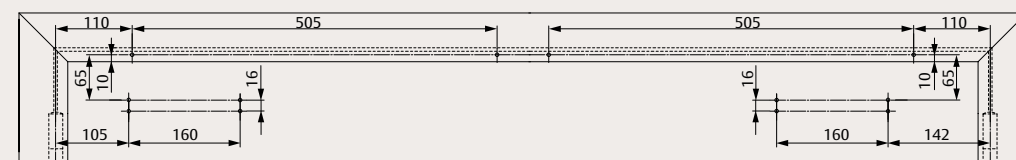
The right-handed door is
the active door leaf. The left-
handed door is the passive
door leaf.



Mounting plate mounting

on non-hinge side

The right-handed door is
the active door leaf. The left-
handed door is the passive
door leaf.



DC700 with G461

Order information

For door closer order information, please see DC700/DC500/DC340.



Guide rails

G461 with mechanical coordinator, silver, EV1	DCG461----DEV1-
G461 with mechanical coordinator, white, similar to RAL 9016	DCG461----D9016
G461 with mechanical coordinator, black, similar to RAL 9005	DCG461----D9005

Accessories

Hook arm G120, silver, EV1	DCG120-----EV1-
Hook arm G120, white, similar to RAL 9016	DCG120-----9016
Hook arm G120, black, similar to RAL 9005	DCG120-----9005
Mechanical hold-open device A114	DCA114-----
Mechanical opening damper A191	DCA191-----

G461, silver



G461, white



G461, black



G120



A114



A191

