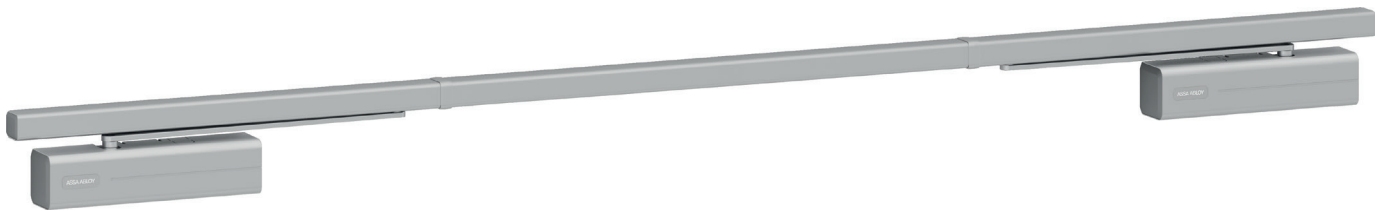


## DC700 with G461

# Door closer with Cam-Motion® technology and integrated mechanical coordinator



### ASSA ABLOY DC700 with G461

- 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

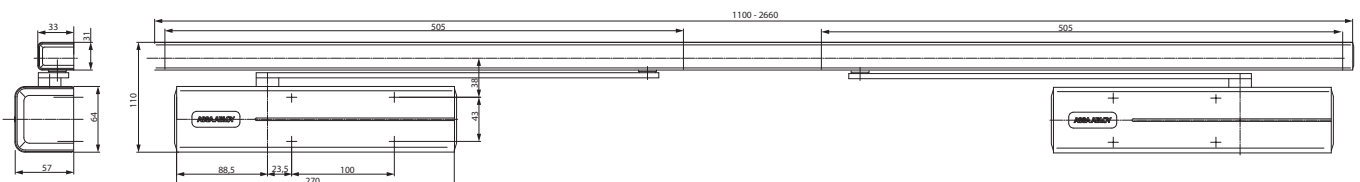
### Characteristics of DC700 with G461

- 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



CE	Abloy Oy, PO Box 108 80101 Joensuu, Finland	10	0432-CPD-0049			
			EN 1158:1997+A1:2002	3	8	6
Dangerous substances: None						

CE	Abloy Oy, PO Box 108 80101 Joensuu Finland	16	DC700			
			EN 1154:1996/A1:2002/AC:2006 1121-CPR-AD5238	3	8	6
Dangerous substances: None						



# DC700 with G461

## Technical attributes

### Guide rail G461

Technical attributes	
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	34 mm
Length	Depends on hinge distance
Suitable for fire doors	Yes
Certified in compliance with	EN1154/1158
CE marking for building products	Yes

Facts for door closer see DC700

### The advantages 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 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

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

You can find the complete specification on the internet at: [www.assaabloy.de](http://www.assaabloy.de)

### 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:

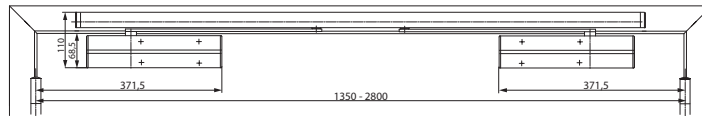
- Mounting plate A115
- Angle bracket A116
- Angle bracket A117
- Hook arm G120 for non-hinge side mounting
- Carry bar A101 for hinge side installations
- Carry bar A102 for non-hinge side installations
- Mounting kit for wide double doors A113 (2800mm-3200mm), for hinge side only
- Mech. hold-open device for double doors A114 (NOT applicable with fire doors)
- Mechanical bearing A151, for double doors
- Opening damper A191

### Colour:

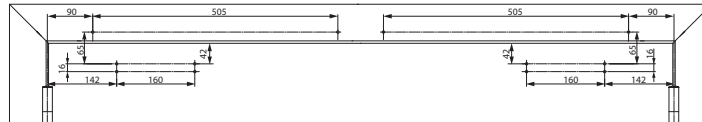
- Silver EV1
- White, similar to RAL9016
- Brown, similar to RAL8014
- Black, similar to RAL9005
- Stainless steel

# DC700 with G461

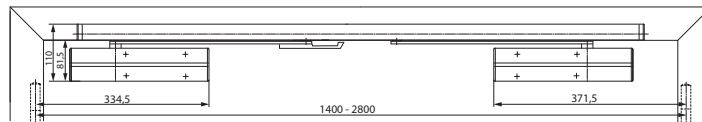
## Dimensional drawings



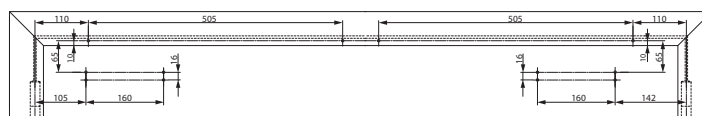
Regular mounting on hinge side  
 Right handed door is active leaf  
 Left handed door is inactive leaf



Installation dimensions with mounting plate for standard mounting on hinge side  
 Right handed door is active leaf  
 Left handed door is inactive leaf



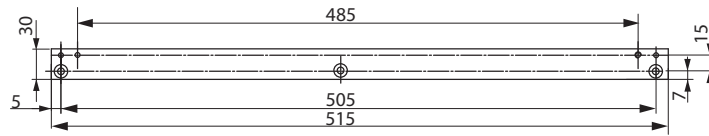
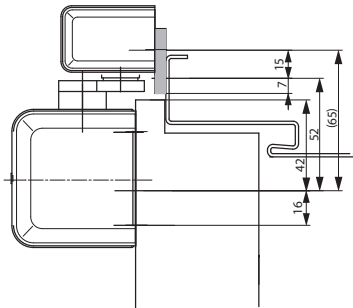
Regular mounting on non-hinge side  
 Left handed door is active leaf  
 Right handed door is inactive leaf



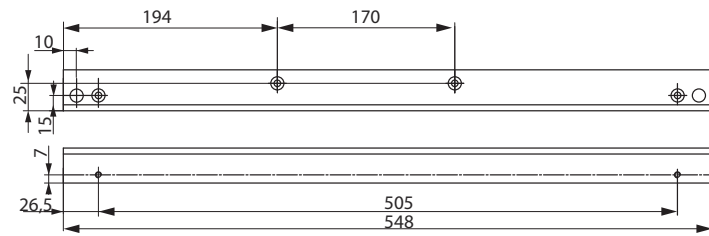
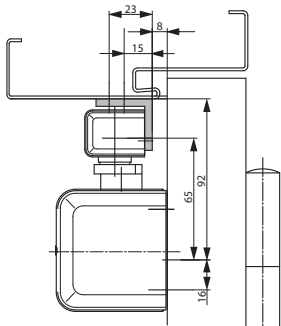
Installation dimensions with mounting plate for standard mounting non hinge side  
 Left handed door is active leaf  
 Right handed door is inactive leaf

# DC700 with G461

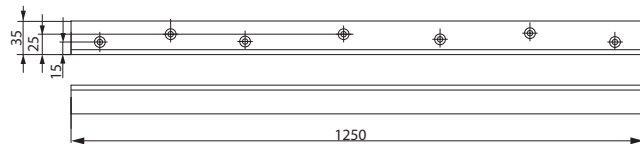
## Accessories



**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



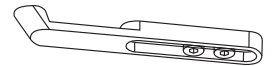
**Angle bracket A117**  
Middle bracket for guide rail G461 non-hinge side mounting

# DC700 with G461

## Accessories and order placement information

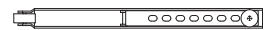
### Hook arm G120

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)



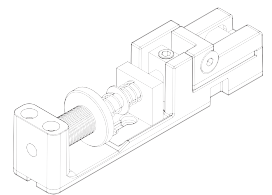
### Carry bar A102

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)



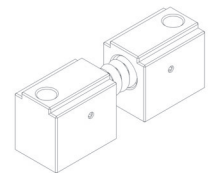
### Mechanical hold-open device A114

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.



Designation / Item	Order no.	Designation / Item	Order no.
Guide rail G461 with mechanical coordinator, silver EV1	DCG461----DEV1-	Mounting plate A115, silver EV1	DCA115-----EV1-
Guide rail G461 with mechanical coordinator, white, similar to RAL9016	DCG461----D9016	Mounting plate A115, customised finish	DCA115-----XXXX
Guide rail G461 with mechanical coordinator, brown, similar to RAL8014	DCG461----D8014	Angle bracket A116, silver EV1	DCA116-----EV1-
Guide rail G461 with mechanical coordinator, black, similar to RAL 9005	DCG461----D9005	Angle bracket A116, customised finish	DCA116-----XXXX
Guide rail G461 with mechanical coordinator, stainless steel	DCG461----D35--	Angle bracket A117, silver EV1	DCA117-----EV1-
Guide rail G461 with mechanical coordinator, customised finish	DCG461----DXXXX	Angle bracket A117, customised finish	DCA117-----XXXX
Carry bar A101	DCA101-----	Hook arm G120, silver EV1	DCG120-----EV1-
Carry bar A102	DCA102-----	Hook arm G120, white, similar to RAL9016	DCG120-----9016
Mounting kit A113	DCA113-----	Hook arm G120, brown, similar to RAL8014	DCG120-----8014
Hold-open device A114	DCA114-----	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-----