

## DC700 with G461

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



### ASSA ABLOY DC700 with G461

- Certified in compliance with EN1154/EN1158, size 3-6
- Operates independently of door closers and offers best possible safety and reliability
- For fire and smoke protection double leaf doors, hinge distance 1250 - 2800 mm (2800 - 3200mm)

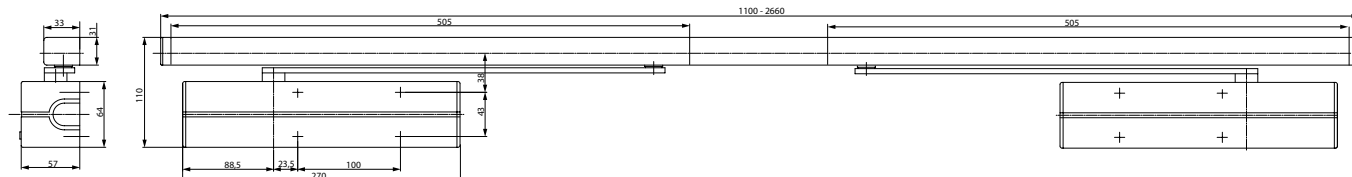
### Characteristics for DC700 with G461

- Integrated mechanical coordinator for double leaf doors
- Correct closing sequence guaranteed for double leaf doors, inactive leaf closes before active leaf start 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-BPR-0049 EN1158:1997+A1:2002	3	8	6/3 1 1 3

CE	Abloy OY PO Box 108 80101 Joensuu, Finland	13		
	1162-CPD-0630 EN 1154:1996+A1:2002	3	8	6/3 1 1 4



# DC700 with G461

## Technical attributes

### Guide rail G461

Technical attributes	
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°
Hinge distance	1250 - 2800 mm (2800 - 3200mm)
Mechanical hold-open	optional
Weight	2.6 kg
Height	31 mm
Depth	33 mm
Length	Depends on hinge distance
Fire and smoke protection	Yes
Certified in compliance with	EN1154/EN1158
CE marking for building products	Yes

Facts for door closer see DC700

### The advantages at a glance

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

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

### 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 1250 - 2800 mm (2800 - 3200mm)
- 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 installations
- Carry bar A101 for hinge side installations
- Carry bar A102 for non-hinge side installations
- Mounting kit for wide double doors A113 (2800mm-3200mm)
- Mech. hold-open device for double doors A114 (NOT applicable with fire doors)
- Mechanical bearing A151, for double doors

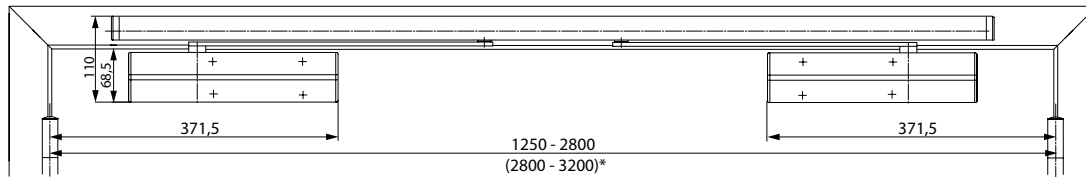
#### Colour:

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

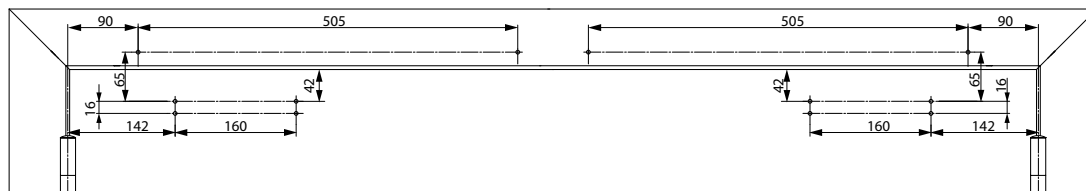
You can find the complete specifications on the Internet at: (Link of your companies homepage)

# DC700 with G461

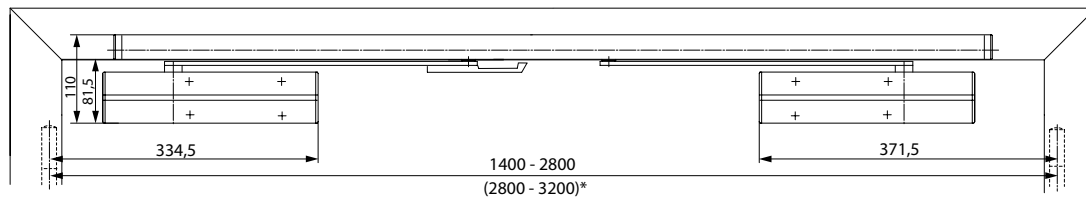
## Dimensional drawings



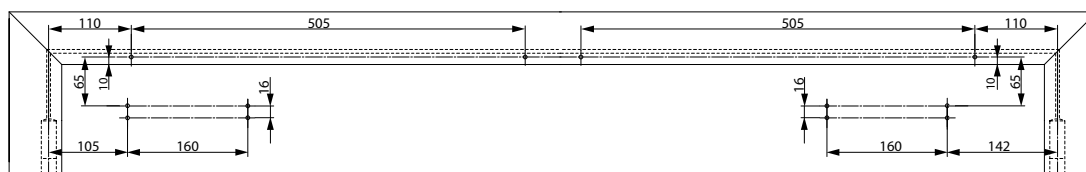
Regular mounting on hinge side  
 Right handed door is active leaf  
 Left handed door is inactive leaf  
 \* dimension with A113



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

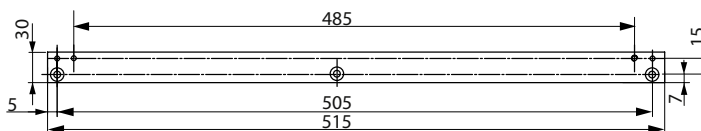
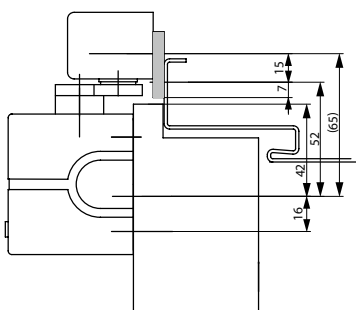


Regular mounting on non-hinge side  
 Right handed door is active leaf  
 Left handed door is inactive leaf  
 \* dimension with A113

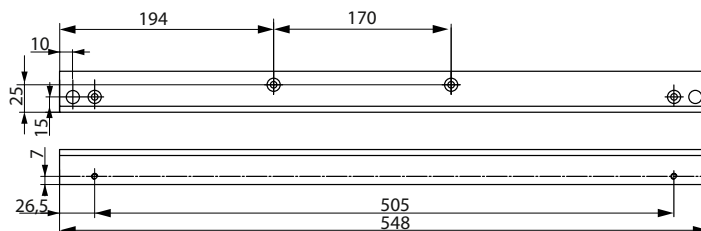
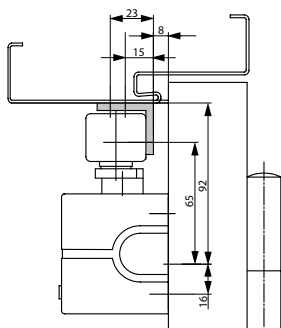


Installation dimensions with mounting plate for standard mounting on non-hinge side  
 Right handed door is active leaf  
 Left handed door is inactive leaf

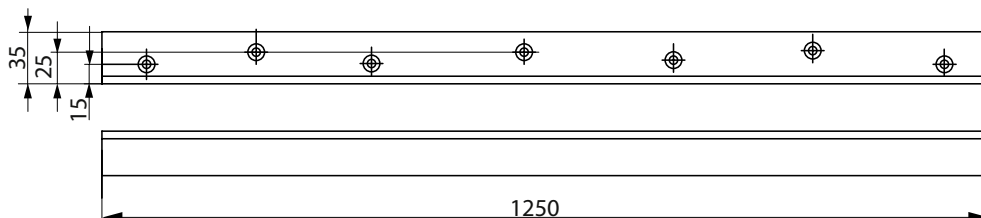
# DC700 with G461 Accessories



**Mounting plate A115**  
For guide rail G461  
1pc for active door leaf  
1pc for passive door leaf

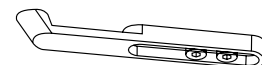


**Angle bracket A116**  
For guide rail G461 non-hinge side mounting  
1pc for active door leaf  
1pc for passive door leaf

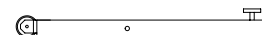


**Angle bracket A117**  
Middle bracket for guide rail G461 non-hinge side mounting

**Hook arm G120**  
For double leaf doors non-hinge side mounting



**Carry bar A101**  
Can be used for double leaf doors when door closers and coordinator are mounted on hinge side.



**Carry bar A102**  
Can be used for double leaf doors when door closers and coordinator are mounted on non-hinge side.  
The length of A102 is even adjustable.



## DC700 with G461

### Accessories and order placement information

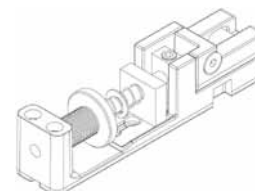
#### Mechanical hold-open device A114

Mechanical hold-open device for doors which need to be secured in the open positions.

Hold-open angle adjustable from ca. 70°-120°.

Adjustable hold-open force.

Not approved for use on fire and smoke protection doors.



Description	Order no.
Guide rail G461 with mechanical coordinator, silver EV1	
Guide rail G461 with mechanical coordinator, white, similar to RAL9016	
Guide rail G461 with mechanical coordinator, brown, similar to RAL8014	
Guide rail G461 with mechanical coordinator, black, similar to RAL 9005	
Guide rail G461 with mechanical coordinator, stainless steel, ASSA ABLOY design	
Guide rail G461 with mechanical coordinator, customised finish	
Carry bar A101, silver, for hinge side installations	
Carry bar A102, silver, for non-hinge side installations	
Mounting kit A113, for wide double doors (2800mm-3200mm)	

Description	Order no.
Mech. hold-open device A114, for double doors	
Mounting plate A115, silver EV1	
Mounting plate A115, customised finish	
Angle bracket A116, silver EV1	
Angle bracket A116, customised finish	
Angle bracket A117, silver EV1	
Angle bracket A117, customised finish	
Hook arm G120, silver EV1	
Hook arm G120, white, similar to RAL9016	
Hook arm G120, brown, similar to RAL8014	
Hook arm G120, black, similar to RAL 9005	
Hook arm G120, stainless steel	
Hook arm G120, customised finish	
Mechanical bearing A151, for double doors	