

# FD461-DC700

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



### ASSA ABLOY FD461-DC700

- 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 25 0 mm, non-hinge side installation hinge distance 1400-2800 mm

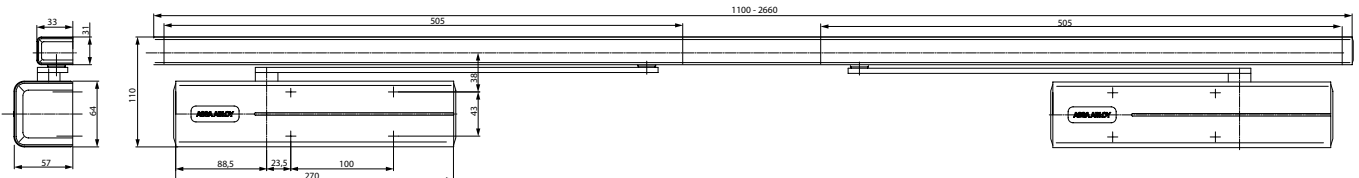
### Characteristics of FD461-DC700

- 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	Abloj Oy, PO Box 108 80101 Joensuu, Finland	10
	0432-CPD-0049 EN 1158:1997+A1:2002	3 8 6 1 1 3
Dangerous substances: None		

CE	Abloj Oy, PO Box 108 80101 Joensuu Finland		16
	DC700 EN 1154:1996/A1:2002/AC:2006 1121-CPR-AD5238		3 8 6 1 1 4
Dangerous substances: None			



# FD461-DC700

## Technical attributes

### Guide rail FD461/100200

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

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.co.za](http://www.assaabloy.co.za)

### Specification for FD461-DC700

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:

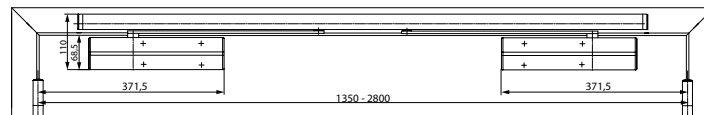
- Mounting plate A115
- Angle bracket A116
- Angle bracket A117
- Hook arm G120 for non-hinge side mounting
- Carry bar A101 for hinge side installations
- Carry bar A102 for non-hinge side installations
- Mounting kit for wide double doors A113 (2800mm-3200mm), for hinge side only
- Mech. hold-open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

### Colour:

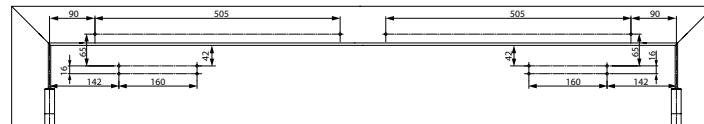
- Silver EV1
- White, similar to RAL9016
- Brown, similar to RAL8014
- Black, similar to RAL9005
- Stainless steel

# FD461-DC700

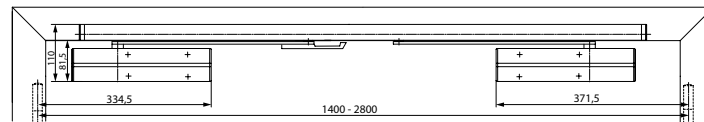
## Dimensional drawings



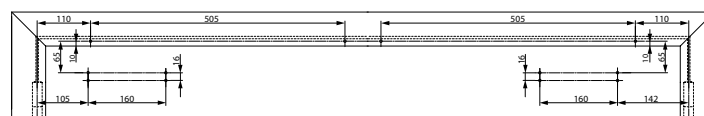
Regular mounting on hinge side  
 Right handed door is active leaf  
 Left handed door is inactive leaf



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



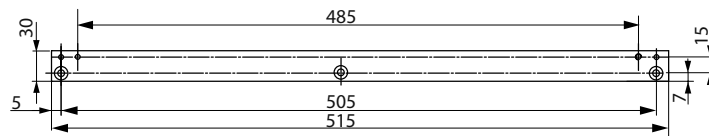
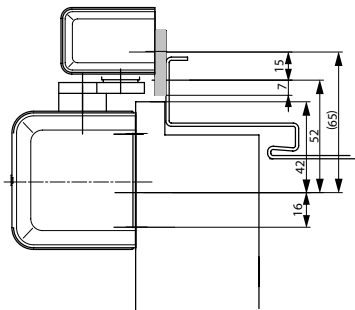
Regular mounting on non-hinge side  
 Left handed door is active leaf  
 Right handed door is inactive leaf



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

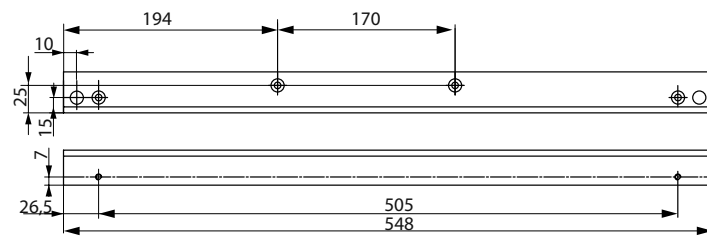
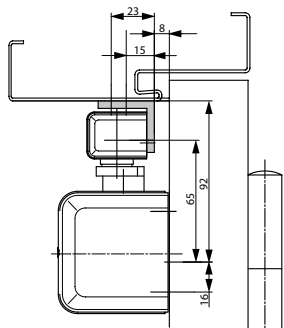
# FD461-DC700

## Accessories



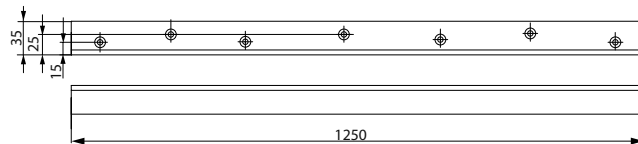
### Mounting plate A115

For guide rail  
FD461/100200  
1pc for active door leaf



### Angle bracket A116

For guide rail  
FD461/100200 non-hinge side mounting  
1pc for active door leaf

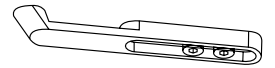


### Angle bracket A117

Middle bracket for guide rail FD461/100200 non-hinge side mounting

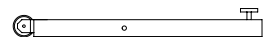
### Hook arm G120

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)



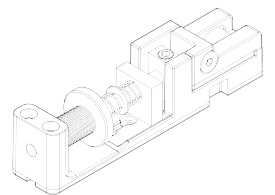
### Carry bar A102

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.

