

## ABLOY® FD440

### Free-Swing Rack&Pinion door closer



#### Product description

ABLOY FD440 is a fire door closer with sliding arm. Free swing is particularly useful for applications where the door is in frequent use and the opening resistance of a standard door closer may be too heavy, like kindergartens, schools, retirement homes and day centres.

#### Overview of Advantages

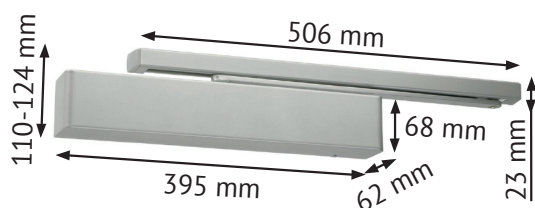
- CE certified according to EN1154 and EN1155
- Maximum door weight 120 kg and door width 1400 mm
- Adjustable closing force size EN 3-6
- Free-swing function starting from a door opening angle  $\geq 0^\circ$
- Operating temperature range  $-15^\circ \dots +45^\circ$

#### Sliding arm FD494

- Free-Swing function
- With protective cover

#### Sliding arm DC194

- With protective cover



#### Technical data

Variable adjustable closing force	EN 3-6
Door width up to	1400 mm
Door weight up to	120 kg
Fire and smoke protection	Yes
Door swing directions	Left/right handed
Mounting methods, hinge side	Standard and frame installation
Mounting methods, non-hinge side	Frame installation
Closing speed	Variable between $160^\circ-10^\circ$
Latching speed	Variable between $10^\circ-0^\circ$
Opening angle, hinge side	
Standard installation	ca. $160^\circ$
Frame installation	ca. $150^\circ$
Opening angle, non-hinge side	
Frame installation	ca. $120^\circ$
Weight	3,6 kg
Power consumption	90mA, 24VDC
Certified in compliance with	EC-Certificate of conformity 0432-CPR-00008-05
CE marking for building products	Yes
Basic colours	White (RAL 9016), Silver (EV1), Painted brass, Brown (RAL 8014), Black (RAL 9005), Customised finish

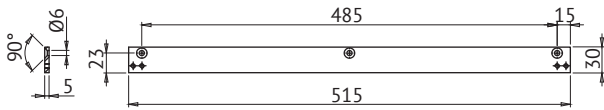
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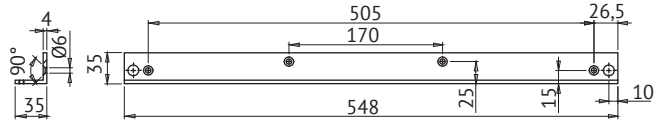
## Free-Swing Rack&Pinion door closer

### Accessories

Mounting plate DC115



Angle mounting plate DC104



Control unit 7400



Battery back up 7404



Smoke detectors  
FD600 (optical)



Power supply  
24VDC EA701



FD140  
Connection box

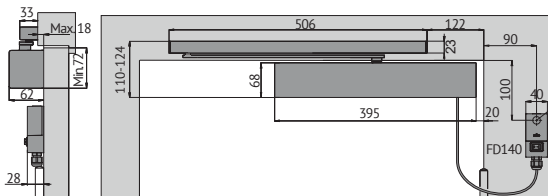


DC153  
Opening damper

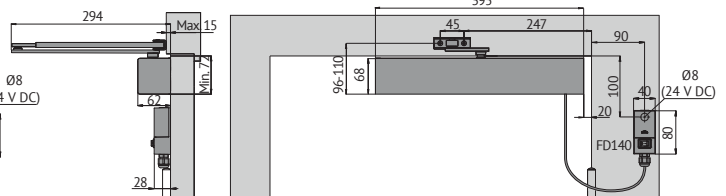
### Installation

HINGE SIDE

FD440 + FD494 / DC194 + FD140

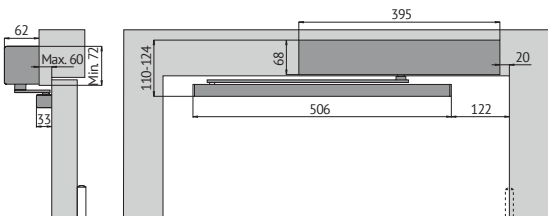


FD440 + FD499 / DC199 + FD140

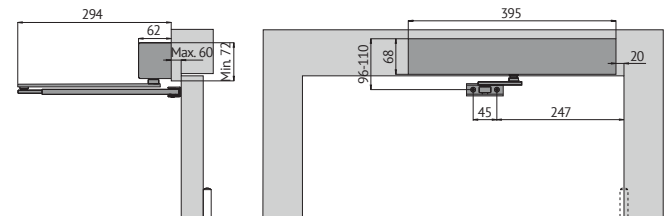


NON-HINGE SIDE

FD440 + FD494 / DC194



FD440 + FD499 / DC199



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