

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

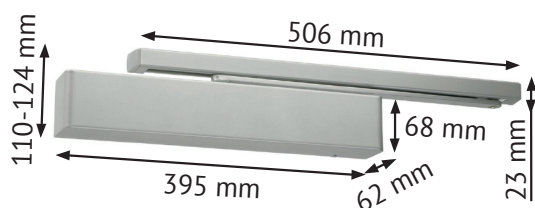
- CE certified according to EN1154 and EN1155
- Maximum door weight 120 kg and door width 1400 mm
- Adjustable closing force size EN 3-6
- Free-swing function starting from a door opening angle $\geq 0^\circ$
- Operating temperature range $-15^\circ \dots +45^\circ$

Sliding arm FD495

- Free-Swing function
- With protective cover

Sliding arm DC195

- With protective cover
- 2 mm height adjustment



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° - 10°
Latching speed	Variable between 10° - 0°
Opening angle, hinge side	
Standard installation	ca. 160°
Frame installation	ca. 150°
Opening angle, non-hinge side	
Frame installation	ca. 120°
Weight	3,6 kg
Power consumption	90mA, 24VDC
Certified in compliance with	EC-Certificate of conformity 0432-CPR-00008-08
CE marking for building products	Yes
Basic colours	White (RAL 9016), Silver (EV1), Painted brass, Brown (RAL 8014), Black (RAL 9005), Customised finish

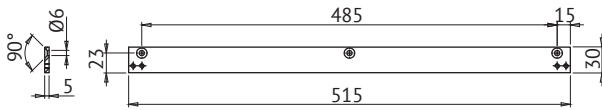
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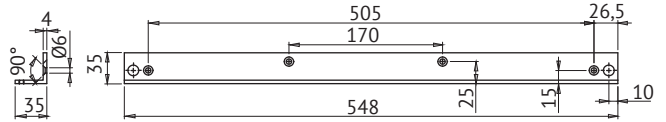
Free-Swing Rack&Pinion door closer

Accessories

Mounting plate DC115



Angle mounting plate DC104



Control unit 7400



Battery back up 7404



Smoke detectors
FD601 (optical)



Power supply
24VDC EA701



FD140
Connection box

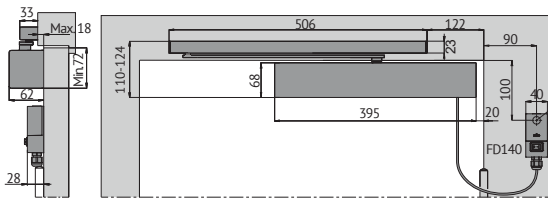


DC153
Opening damper

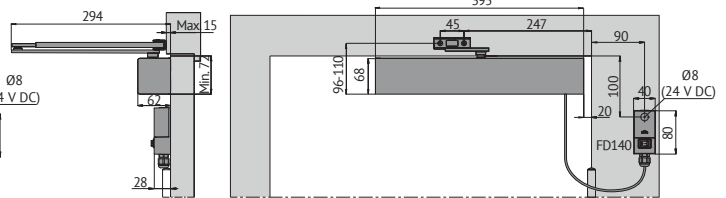
Installation

HINGE SIDE

FD440 + FD495 / DC195 + FD140

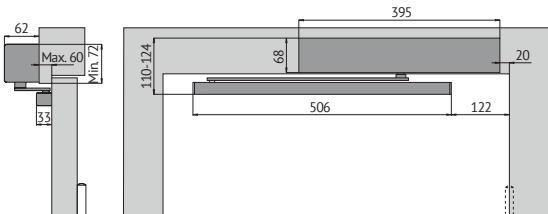


FD440 + FD499 / DC199 + FD140

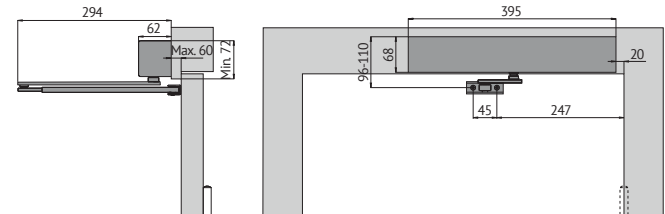


NON-HINGE SIDE

FD440 + FD495 / DC195



FD440 + FD499 / DC199



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