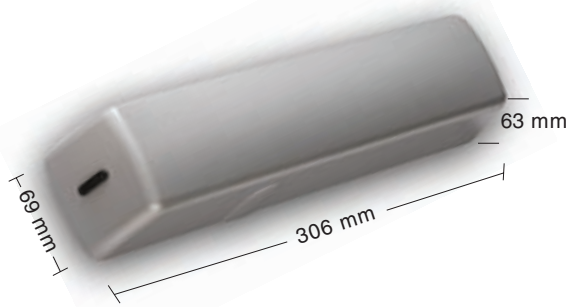


**ABLOY® DC247 DOOR CLOSER**  
*For heavy doors*



**ABLOY® DC247** door closer with standard arm is designed especially for ships and extremely heavy doors.

# ABLOY® DC247 DOOR CLOSER FOR HEAVY DOORS



## APPLICATIONS

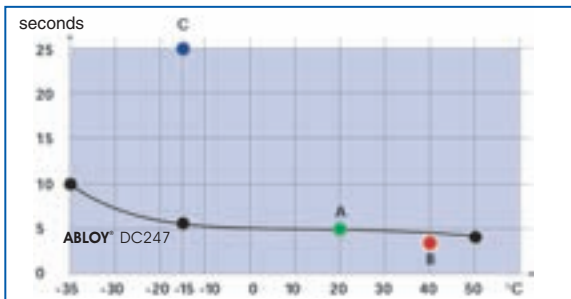
ABLOY® DC247 door closer is suitable for use on internal and external doors. Ideal for doors on ships and other extremely heavy door applications. Adjustable closing force of sizes 5-7.

## CONSTRUCTION AND OPERATION

Cast aluminium body is manufactured from high performance silicon alloy. Operation is based on a hydraulically damped rack and pinion system.

- removable plastic cover as standard. Stainless steel and bright brass covers available on special request
- closing and latching speed can be adjusted separately
- starting angle of latching can be adjusted
- adjustable back check (BC) as standard feature
- for use with arm DC197
- easy adjustment of arm height (maximum 14 mm)
- wide operating range: -35°C to +50°C

Changes in temperature have only a minimal effect on the performance of the ABLOY® DC247



The EN1154 standard specifies the following:

- A A standard closing time of 5 seconds at +20°C
- B A minimum closing time of 3 seconds at +40°C (check point only)
- C A maximum closing time of 25 seconds at -15°C (check point only)

## CLOSING TORQUE REQUIREMENTS (EN 1154)

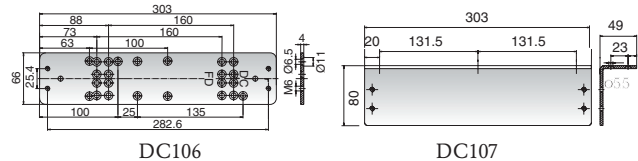
Door Closer size	Closing torque Nm (0-4°)	Recommended min door leaf width mm max	Door leaf mass kg
5	37	1250	100
6	54	1400	120
7	87	1600	160

## ARM FOR ABLOY® DC247



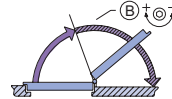
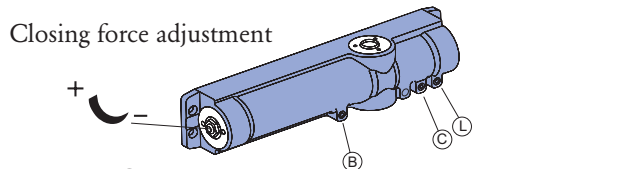
Special arm ABLOY® DC197. Suitable for fire doors. The ball joint on the arm can be locked with a screw.

## SUPPORT BRACKETS DC106, DC107

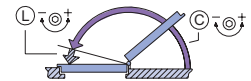


## ADJUSTMENT

Closing force adjustment



Back check



Closing and latching speed

## COLOURS AVAILABLE

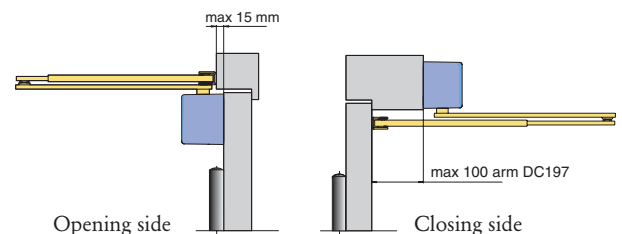
Silver Brass Brown White Black



Other RAL colours on request.

## INSTALLATION

Maximum frame depths



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