

DC830U Technical Datasheet

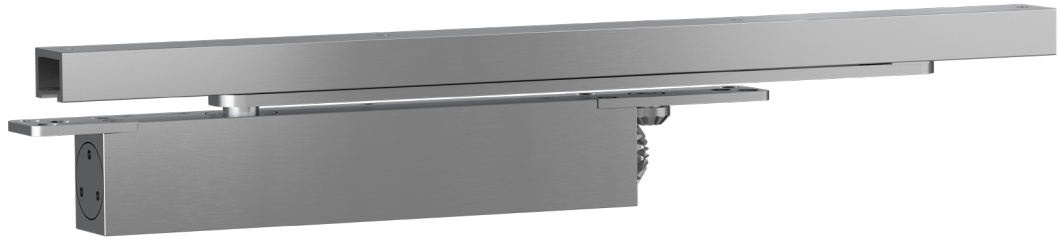
Concealed door closer
for a large range of applications

ASSA ABLOY
Opening Solutions

Experience a safer
and more open world

DC830U

Concealed door closer with Cam-Motion® technology and guide rail for single leaf doors, size 2-4



DC830U, silver, EV1

Cam-Motion® technology creates rapidly decreasing opening force without losing fire or smoke protection compliance

Concealed into the door leaf or transom profile, the DC830U delivers high performance to support all building users without diluting the impact of your entrance designs. The rapidly decreasing opening force of Cam-Motion technology ensures doors open with less effort.

- Certified in compliance with UL 228/ULC-S133, UL 10C, size 2-4
- Suitable for fire and smoke protection doors
- For single leaf doors up to 1100 mm width and from 44 mm thickness
- Barrier-free according to CEN/TR 15894

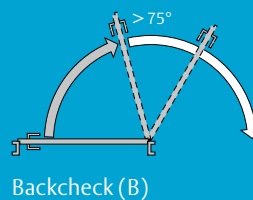
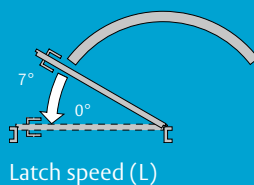
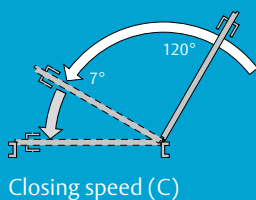
Colours

- Silver, EV1
- Customized colours on request

Features

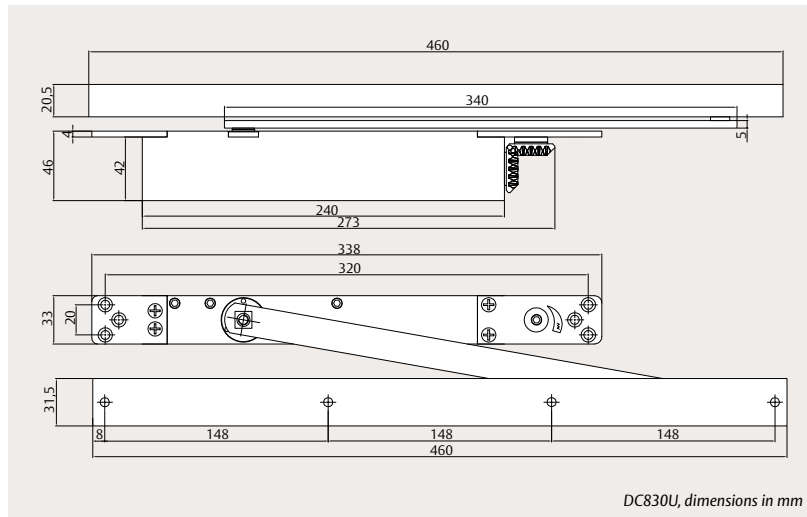
- Can be used for left- and right-handed doors
- Closing and latch speeds can be raised and lowered independently
- Durable metal valves make adjustments reliable
- Consistent performance in a wide range of indoor/outdoor temperatures
- Backcheck functionality as standard protects frame and surrounding areas

Independent adjustment via front-facing valves



DC830U

Technical attributes, certification and order information



Technical attributes

Closing force	size 2-4
Maximum leaf width	1100 mm
Minimum leaf thickness	44 mm
Closing speed (C)	Variable between 120° and 7°
Latch speed (L)	Variable between 7° and 0°
Backcheck (B)	Variable above 75°
Maximum opening angle	~120°
Door system	Single leaf
Handing	Left- / right-handed
Dimensions (H x D x L)	46 x 33 x 273 mm



Visit assaabloy.com to download all relevant product literature



Certification and testing

Certified in compliance with	UL 228/ULC-S133, UL 10C
Suitable for fire and smoke protection doors	Yes
Barrier-free according to	CEN/TR 15894
Third-party verified EPD	ISO 14025, EN 15804



Order information

DC830U concealed door closer, size 2-4, silver, EV1	DC830U-----EV1-
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The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY
Opening Solutions

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, business and institutions. Our offering includes doors, door and window hardware, locks, access control and service.

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