



Uniquely flexible.
Fully certified.
Best in class.

DC300G-HF Door Closer

The ultimate hold-open and free-swing door closer
for changing door use

Visit www.assaabloyopeningsolutions.co.uk/dc300ghf

ASSA ABLOY
Opening Solutions

Experience a safer
and more open world

The challenge:

How can a door closer be flexible while ensuring full performance and compliance?

Many electro-mechanical rack and pinion door closers are difficult and time consuming to change between hold-open and free-swing modes, requiring additional parts.

Their fixed power set up (EN 4 typically) means for larger door sizes, doors can be difficult to open.

And they don't offer full certification in all operating modes and fitting configurations.

Are you looking for an electro-mechanical rack and pinion door closer that:

- Is easy to configure on site?
- Retains low opening forces regardless of door size?
- Is fully certified and compliant?

Look no further than the DC300G-HF.

The solution:

DC300G-HF - The uniquely flexible, fully certified, best in class solution for changing door use

The DC300G-HF has the flexibility to change between hold-open and free-swing on-site, in seconds.

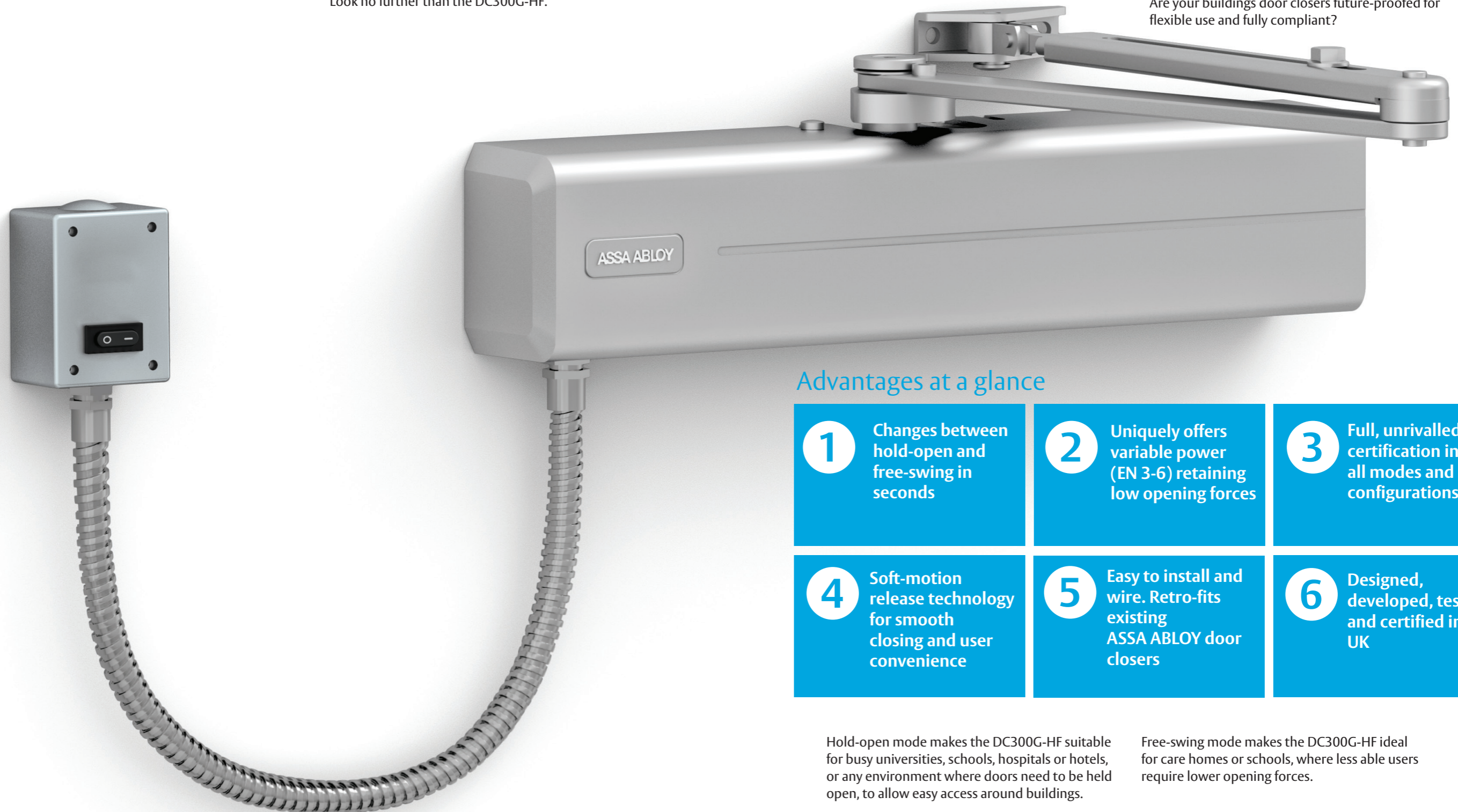
Uniquely it offers variable power EN 3-6 retaining low opening forces on larger doors, for ease of use.

And it has full and unrivalled certification, regardless of operating mode or fitting configuration.

This unrivalled combination of on-site flexibility, unique performance and full certification, makes the DC300G-HF the best in class electro-mechanical rack and pinion door closer, bar none.

What's more, each unit bears the high quality, award-winning design and guaranteed durability you come to expect from an ASSA ABLOY door closer.

Are your buildings door closers future-proofed for flexible use and fully compliant?



Advantages at a glance

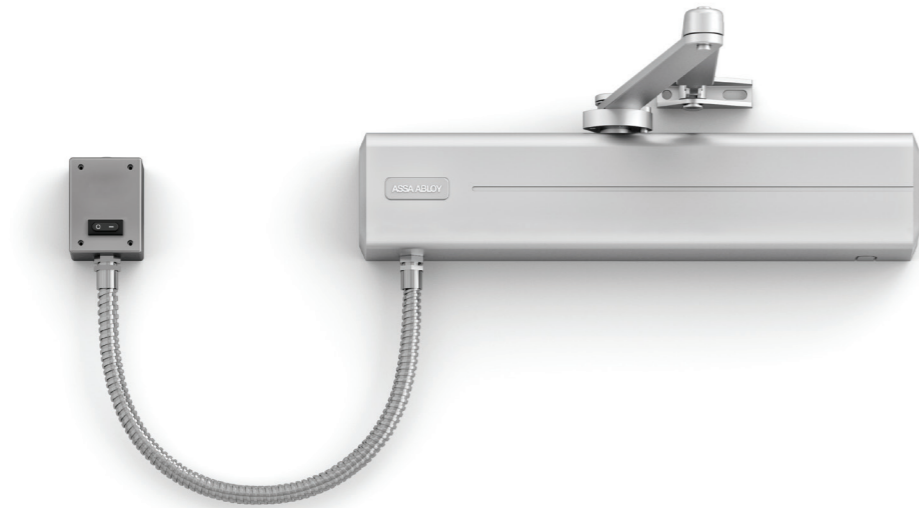
- | | | |
|---|--|---|
| 1 Changes between hold-open and free-swing in seconds | 2 Uniquely offers variable power (EN 3-6) retaining low opening forces | 3 Full, unrivalled certification in all modes and configurations |
| 4 Soft-motion release technology for smooth closing and user convenience | 5 Easy to install and wire. Retro-fits existing ASSA ABLOY door closers | 6 Designed, developed, tested and certified in the UK |

Hold-open mode makes the DC300G-HF suitable for busy universities, schools, hospitals or hotels, or any environment where doors need to be held open, to allow easy access around buildings.

Free-swing mode makes the DC300G-HF ideal for care homes or schools, where less able users require lower opening forces.

DC300G-HF

Rack and pinion electro-mechanical door closer, with hold-open and free-swing functions

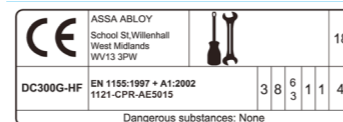


Reasons to choose a DC300G-HF

- Unique combination of: Easy to change between hold-open and free-swing modes, whilst retaining variable power (EN 3-6) and full certification
- Soft-motion release from 130-75°, helps prevent damage to the door set and injury to users, extending the door closer and door set life span
- Easy to install, wire and configure:
 - Easy to change between hold-open and free-swing modes - saves time on site configuration
 - Wiring on hinge side (fig.1) and non-polarity sensitive connection – makes wiring easy
 - Unhanded – only one part to specify and supply
- Easy to retro-fit and upgrade existing ASSA ABLOY door closers, with no re-drilling required and fire certification isn't compromised

Standards and Compliance

- CE Marked to EN 1154 and EN 1155 in all three operating modes and fitting configurations
- Suitable for fire and smoke controlled doors
- BS 8300 compliant in all three modes - standard, hold-open and free-swing
- 10 year mechanical warranty
- 2 year electrical warranty



The advantages at a glance

Here you can see the individual advantages of the DC300G-HF for your respective field of business.

Customer segment	Advantages
Architects and Specifiers	<ul style="list-style-type: none"> - Can be used on small and large doors up to 1,400 mm - Standard, hold-open and free-swing modes combines three functions into one product - Meets all relevant fire certification to protect the building and users, in the event of a fire - BS 8300 compliant and is ideal for less able users - Available in silver and stainless steel finishes, to suite with rest of door furniture
Building Owner/Facilities Manager	<ul style="list-style-type: none"> - Meets all relevant fire certification to protect the building and users, in the event of a fire - Simple to change between hold-open and free-swing modes in seconds, with no additional parts - Easy to retro-fit existing ASSA ABLOY door closers and maintain fire certification - removing liability - BS 8300 compliant and is ideal for less able users - ASSA ABLOY 10 year mechanical guarantee - assurance from trusted manufacturer - UK designed, developed and tested for peace of mind
Installer	<ul style="list-style-type: none"> - Simple to change between hold-open and free-swing, with no additional parts required - saving time - Easy to retro-fit and maintain fire certification - removing liability - Sold complete with everything needed to install - Easy to install and wire - saving time
User	<ul style="list-style-type: none"> - Meets all relevant fire certification to protect the building and users, in the event of a fire - BS 8300 compliant and ideal for less able users - Hold-open mode allows easy access through doors for less able users, or people carrying items - Soft-motion release closes doors in a progressive and controlled manner - reducing risk of injury to users - Variable power (EN 3-6) retains low opening forces regardless of door size - ideal for less able users

DC300G-HF

Technical attributes

Technical attributes	
Variable adjustable closing force	EN 3-5 (fig. 61) EN 3-6 (fig. 1 & fig. 66)
Door width up to	1,250mm (fig. 61) 1,400mm (fig. 1 & fig. 66)
Suitable for fire doors	Yes
Handling	Left / right handed
Closing speed	Variable between 130°- 10°
Latching speed	Variable between 10°- 0°
Start of hold open angle	75°
Soft-motion closing	130°- 75°
Door closer certified in compliance with	EN 1154 and EN 1155
CE Marking for building products	Yes
Weight	2.1kg
Required power supply	24 V DC
Rated current consumption	ca. 0.195 mA

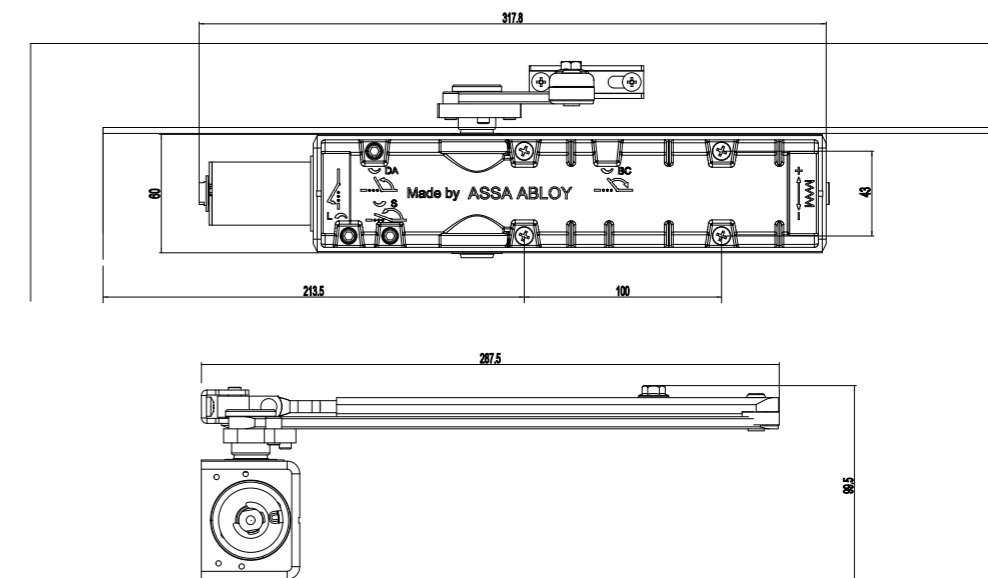
Specification

- High efficiency rack and pinion, electro-mechanical door closer with hold-open and free-swing modes
- Uniquely adjustable power size EN 3-6. Suitable for door widths up to 1400 mm (size 6, 120 kg)
- Soft-motion release closing from 130-75°
- Hold-open active between 75-130°
- Holding force greater than 120Nm
- Junction box non-polarity sensitive
- Unhanded
- Same fixing points as other ASSA ABLOY door closers
- 14mm height adjustment
- Tamper proof arm
- Available in silver and stainless steel cover finishes

Product codes

- DC300G-HF: Silver EV1
- DC300G-HF/SS: Stainless steel

You can find the complete specifications, sales and installation videos at: www.assaabloyopeningsolutions.co.uk/dc300ghf



Designed to enhance your specification...

...the latest evolution that works with your architectural vision

Subtle contrast

Sophisticated and sleek, ASSA ABLOY door controls blend lightly contrasting colours and finishes to give a pleasing enhancement to the door design, perfect for all environments.



Distinctive and modern

Contemporary in appearance, with neat chamfered edges that exude quality and robustness.

Definition and continuity

Strong lines combined with light metallic finishes make a powerful statement. The hallmark horizontal groove provides recognisable continuity from model to model.

Smooth and robust

A distinct yet unobtrusive appearance achieved with soft angles and a double radius.

With the architectural vision foremost in the minds of ASSA ABLOY designers, door controls have been re-imagined to bring an elegant advance in the design evolution of the portfolio.

Combined with other ASSA ABLOY architectural hardware, the range offers numerous possibilities to create complete door opening solutions... All by design.



The ASSA ABLOY door control range is a 2018 winner of an Iconic Award for Innovative Architecture – the Iconic Awards are an annual international architecture and design competition established by the German Design Council.

The ASSA ABLOY Group is the global leader in access solutions. Every day we help people feel safe, secure and experience a more open world.

ASSA ABLOY

ASSA ABLOY Opening Solutions UK & Ireland

Door Hardware Group

School Street

Willenhall

West Midlands

WV13 3PW

+44 (0)845 223 2124

csdcomm@assaabloy.com

www.assaabloyopeningsolutions.co.uk

October 2020