



CERTIFICATE OF APPROVAL

No CF 5400

This is to certify that, in accordance with
TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

CARLISLE BRASS LTD

Parkhouse Road, Carlisle, Cumbria, CA3 0JU
Tel: 01228 511770

Have been assessed against the requirements of the Technical Schedule(s)
denoted below and are approved for use subject to the conditions
appended hereto:

CERTIFIED PRODUCT
CDG003, CDG025 & CDG420
Overhead Door Closers

TECHNICAL SCHEDULE
TS 34 - The Contribution Of
Controlled Door Closing
Devices And Accessories To
Fire Resisting Doorsets

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

Paul Duggan
Certification Manager



Issued: 19th January 2016
Re-issued: 24th February 2021
Valid to: 23rd February 2026

Page 1 of 7



CERTIFICATE No CF 5400 CARLISLE BRASS LTD

Carlisle Brass Ltd CDG003, CDG025 & CDG420 Overhead Door Closer

1. This certification is provided to the client for its own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
2. This approval relates to the following overhead mounted door closing devices and configurations:

	Link-arms			Slide arms			
	Projecting arm (Fig. 1) <i>Body door mounted on pull face</i>	Projecting arm (Fig. 61) <i>Body transom mounted on push face</i>	Parallel arm (Fig. 6) <i>Body door mounted on push face</i>	Body door mounted on pull face	Body transom mounted on push face	Body door mounted on push face	Body transom mounted on pull face
CDG003	✓	✗	✓	✗	✗	✗	✗
CDG025	✓	✗	✓	✗	✗	✗	✗
CDG420	✓	✓	✓	✗	✗	✗	✗

Key: ✓ - approved ✗ - Not approved

Note: Where alternative arms for non-fire applications are included within the packaging, the use of these components on fire resisting door assemblies will invalidate the certification.

3. This approval relates to their use with the following door assemblies: -

Latched and unlatched, intumescent sealed door assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores in timber frames having a fire resistance up to 120 minutes (Code ITT).

4. The closers are approved on the basis of:

- i) Initial type testing to EN1154 and BS EN 1634-1
- ii) An appraisal against TS34
- iii) Certification of quality management system.
- iv) Inspection and surveillance of factory production control
- v) Ongoing audit testing in accordance with EN 1154 requirements

5. This approval is applicable only to the specified closers mounted in projecting arm (Figure 1) and parallel arm (Figure 66) configurations, used with door assemblies of proven fire resistance (as defined in BS EN 1634-1 or BS 476: Part 22: 1987) and having power ratings appropriate to the leaf sizes subject to a minimum size 3 (as specified in BS EN 1154).





CERTIFICATE No CF 5400

CARLISLE BRASS LTD

Carlisle Brass Ltd CDG003, CDG025 & CDG420 Overhead Door Closer

6. The closers shall be fixed with screws supplied by the closer manufacturer. Bolt-through fixings shall not be used.
7. Where the closers are fitted to door leaves or frames that are manufactured from mineral-based materials, or low-density cellulosic-based material, the door assembly shall have previously been shown capable of accommodating the installation of closers at the head of the doorset, without detriment to the door assembly's performance.
8. Timber based doorset shall be installed in accordance with BS 8214.
9. The approval relates to on-going production. Product and/or its immediate packaging are identified with the manufacturer's name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.



CERTIFICATE No CF 5400 CARLISLE BRASS LTD

Carlisle Brass Ltd CDG003, CDG025 & CDG420 Overhead Door Closer

10. The following table shows acceptable doorset types and fire resistance periods for the surface mounted closers:

Class	Approved Door Type				
	IMM	MM	ITT	ITM	ITC
FD20	x	x	✓	x	x
FD30	x	x	✓	x	x
FD60	x	x	✓	x	x
FD90	x	x	✓	x	x
FD120	x	x	✓	x	x
FD240	x	x	x	x	x
E 20	x	x	✓	x	x
EI 20	x	x	✓	x	x
E 30	x	x	✓	x	x
EI 30	x	x	✓	x	x
E 60	x	x	✓	x	x
EI 60	x	x	✓	x	x
E 90	x	x	✓	x	x
EI 90	x	x	✓	x	x
E 120	x	x	✓	x	x
EI 120	x	x	✓	x	x
E 240	x	x	x	x	x
EI 240	x	x	x	x	x

Key:

- ✓ - approved
x - Not approved

CERTIFICATE No CF 5400 CARLISLE BRASS LTD

Carlisle Brass Ltd CDG003, CDG025 & CDG420 Overhead Door Closer

11. Doors are classified as the following types:

Type MM - 20 minute to 240 minute doorsets that consist of metallic leaves in metallic frames that do not contain intumescent materials in the frame to leaf gap.

Type IMM - 20 minute to 240 minute doorsets that consist of metallic leaves in metallic frames that contain intumescent materials in the frame to leaf gap.

Type ITT - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in timber frames

Type ITM - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in metal frames.

Type ITC - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in proprietary frames, of which the principal material is other than timber or metal but which may include any other materials.

Scope of Approval:

- Doors may not include uninsulated glass above 20% of their total area. Uninsulated glass shall not be included directly beneath the door closer body
- The closers may not be fitted to timber doorsets without perimeter intumescent fire seals to the frame rebate or door edge.
- Mechanical Hold open option is not approved
- The following functions are supported by this certification:

Closer Ref.	Application	Latch Control	Backcheck	Delayed-Action
CDG003	Projecting arm (Fig. 1) & Parallel arm (Fig. 6)	Yes	No	No
CDG025	Projecting arm (Fig. 1) & Parallel arm (Fig. 6)	Yes	No	No
CDG420	Projecting arm (Fig. 1)	Yes	Yes	No
CDG420	Projecting arm (Fig. 61) & Parallel arm (Fig. 6)	Yes	No	No

Classification codes

This approval provides the following classifications for the closers:

CDG003 Projecting arm Figure 1 application:

4	8	3	1	1	3
---	---	---	---	---	---





CERTIFICATE No CF 5400 CARLISLE BRASS LTD

Carlisle Brass Ltd CDG003, CDG025 & CDG420 Overhead Door Closer

Classification codes – Cont'd

CDG003 parallel arm Figure 6 application:

3	8	3	1	1	3
----------	----------	----------	----------	----------	----------

CDG025 Projecting arm Figure 1 application:

4	8	5 2	1	1	3
----------	----------	----------------------	----------	----------	----------

CDG025 parallel arm Figure 6 application:

3	8	4 2	1	1	3
----------	----------	----------------------	----------	----------	----------

CDG420 when mounted in projecting arm (Figure 1):

4	8	4 2	1	1	3
----------	----------	----------------------	----------	----------	----------

CDG420 when mounted in parallel arm (Figure 6):

3	8	3	1	1	3
----------	----------	----------	----------	----------	----------

CDG420 when transom mounted push side (Figure 61):

3	8	3 2	1	1	3
----------	----------	----------------------	----------	----------	----------

Note: power ratings shall be appropriate to the leaf sizes subject to a minimum size 3 (as specified in BS EN 1154).



CERTIFICATE No CF 5400 CARLISLE BRASS LTD

Carlisle Brass Ltd CDG003, CDG025 & CDG420 Overhead Door Closer

Further Information

Further information regarding the details contained in this certificate may be obtained from Carlisle Brass Limited (Tel: 01228 511770).

Further information regarding CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777).

Page 7 of 7 Signed
J/056

Issued: 19th January 2016
Re-issued: 24th February 2021
Valid to: 23rd February 2026