CARLISLE BRASS

CONSTRUCTION PRODUCTS REGULATION 2011, Declaration of Performance

DoP Number:

CBC210 iss2

1. **Unique identification code of the product-type:**

CDG420 Door Closer

2. **Type, batch or serial number, or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:**

CDG420 Overhead Door Closer, Size 2-4 Template Adjustable

Finishes – All finishes

3. **Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:**

For use on fire and smoke compartmentation doors, when fitted in accordance with the manufacturer's fitting instructions.

4. **Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):**

Carlisle Brass Limited
Parkhouse Road, Carlisle, Cumbria, CA3 0JU

5. **Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):**

N/A

6. **System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:**

System 1

7. **In case of the declaration of performance concerning a construction product covered by a harmonized standard.**

EN 1154: 1996 Notified product certification body No. 2812 performed the determination of the product type on the basis of type testing (including sampling); initial inspection of the manufacturing plant and of the factory production control and continuous surveillance; assessment and evaluation of factory production control; and issued the certificate of constancy of performance (2812-CPR-AD5462) of the product.

8. **European Technical Assessment:**

N/A

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9. **Declared performance:**

Essential characteristic **Self-closing**	**Performance**	**Harmonised technical specification**
5.2.1 General	**Standard Door Mount** **Pull Side Application (Fig1)**	EN 1154:1996 / A1:2002 / AC:2006
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Pass Size 2-4	
5.2.4 Opening moment	Pass Size 2-4	
5.2.5 Efficiency	>50% size 2 >60% size 4	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 3, >105°	
5.2.8 Overload performance	Pass	
5.2.9 Temperature dependency	-15°C to +40°C	
5.2.10 Fluid leakage	Pass	
5.2.11 Damage	Pass	
5.2.12 Latch control	Pass	
5.2.13 Backcheck (optional)	Pass	
5.2.14 Delayed closing (optional)	NPD	
5.2.15 Adjustable closing force (optional)	Pass	
5.2.16 Zero position (double action door closers only)	NPD	
5.2.18 Fire/smoke doors	Pass	
Essential characteristic	**Performance**	
Durability of Self Closing 5.2.2 Durability	500,000 test cycles	**Harmonised technical specification**
5.2.17.1 Corrosion	Grade 3 (96 Hours)	EN 1154:1996 / A1:2002 / AC:2006
5.2.17.2 Corrosion	Pass	
Dangerous Substances **Annex ZA3**	The materials in the door closer do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.	

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Essential characteristic Self-closing	Performance	Harmonised technical specification
5.2.1 General	**Transom Mount Push Side Application (Fig61)**	EN 1154:1996 / A1:2002 / AC:2006
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Pass Size 2-3	
5.2.4 Opening moment	Pass Size 2-3	
5.2.5 Efficiency	>50% size 2 >55% size 3	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 3, >105°	
5.2.8 Overload performance	Pass	
5.2.9 Temperature dependency	-15°C to +40°C	
5.2.10 Fluid leakage	Pass	
5.2.11 Damage	Pass	
5.2.12 Latch control	Pass	
5.2.13 Backcheck (optional)	NPD	
5.2.14 Delayed closing (optional)	NPD	
5.2.15 Adjustable closing force (optional)	Pass	
5.2.16 Zero position (double action door closers only)	NPD	
5.2.18 Fire/smoke doors	Pass	
Essential characteristic	**Performance**	
Durability of Self Closing 5.2.2 Durability	500,000 test cycles	**Harmonised technical specification**
5.2.17.1 Corrosion	Grade 3 (96 Hours)	EN 1154:1996 / A1:2002 / AC:2006
5.2.17.2 Corrosion	Pass	
Dangerous Substances Annex ZA3	The materials in the door closer do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.	

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www.carlislebrass.com

CARLISLE BRASS LTD, Parkhouse Road, Carlisle, Cumbria, CA3 0JU
enquiries@carlislebrass.com Sales: 01228 511030 T: 01228 511770 F: 01228 511885 Company Registration Number: 2022858

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Essential characteristic Self-closing	Performance	Harmonised technical specification
5.2.1 General	**Parallel Arm Push Side Application (Fig6)**	EN 1154:1996 / A1:2002 / AC:2006
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Pass Size 3	
5.2.4 Opening moment	Pass Size 3	
5.2.5 Efficiency	>55% size 3	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 3, >105°	
5.2.8 Overload performance	Pass	
5.2.9 Temperature dependency	-15°C to +40°C	
5.2.10 Fluid leakage	Pass	
5.2.11 Damage	Pass	
5.2.12 Latch control	Pass	
5.2.13 Backcheck (optional)	NPD	
5.2.14 Delayed closing (optional)	NPD	
5.2.15 Adjustable closing force (optional)	NPD	
5.2.16 Zero position (double action door closers only)	NPD	
5.2.18 Fire/smoke doors	Pass	
Essential characteristic	**Performance**	
Durability of Self Closing 5.2.2 Durability	500,000 test cycles	**Harmonised technical specification**
5.2.17.1 Corrosion	Grade 3 (96 Hours)	EN 1154:1996 / A1:2002 / AC:2006
5.2.17.2 Corrosion	Pass	
Dangerous Substances Annex ZA3	The materials in the door closer do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.	

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EN 1154:1996/A1:2002/AC:2006 Classification achieved:

Standard Door Mount Pull Side Application (Fig1)					
Category of use	Durability	Door mass	Fire resistance	Safety	Corrosion resistance
3	8	4 2	1	1	3

Transom Mount Push Side Application (Fig61)					
Category of use	Durability	Door mass	Fire resistance	Safety	Corrosion resistance
3	8	3 2	1	1	3

Parallel Arm Push Side Application (Fig6)					
Category of use	Durability	Door mass	Fire resistance	Safety	Corrosion resistance
3	8	3	1	1	3

10. The performance of the product identified in points 1 and 2 is in conformity of the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Paul Campbell

Technical Manager

Date of issue: 18/01/2021

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