



Construction Products Regulation 2011 DECLARATION OF PERFORMANCE

DoP No. BDC7004

1. Unique identification code of the product-type:

Controlled door closing device

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:

TS7.004

3. Intended use or uses of the construction product, in accordance with the applicable harmonised 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):

**Boss Door Controls Limited, 3 & 4 Rutherford Square,
Brucefield Industrial Park, Livingston, West Lothian
EH54 9BU, United Kingdom**

5. Where applicable, name and contact address of the authorised 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 harmonised standard.

EN 1155: 1997: A1: 2002/AC:2006

Notified product certification body No. 2812 performed the type testing and issued test reports.

Certificate of Constancy of Performance 2812-CPR-AE5016

8. European Technical Assessment:

N/A

9. Declared Performance – Figure 1

Essential characteristic Ability to release	Performance	Harmonised technical specification
Application	Door-mounted pull side (Fig.1)	EN1155:1997:A1:2002
5.2.1 Release from any angle	Pass	
5.1.3 Not Possible to inhibit the release	Pass	
5.1.4 Supply voltage	Pass	
5.1.5 External electrical connection	Pass	
5.1.6 Inlet for external wiring	Pass	
General		
5.2.1 Electrical release	Pass – Release within 3s	
5.2.3 Door closing device EN1154 requirements	Pass – Documentation held separately	
5.2.4 Durability	25 000 Electrical 25 000 Mechanical	
5.2.5 Angle of hold	Greater than 65°	
5.2.6 Manual release	Between 40Nm and 120Nm	
5.2.7 Continuous hold open	Pass – less than 2° movement over 48 hours	
5.2.8 Overload Performance	Pass	
5.2.9 Delayed release	Pass	
5.2.10 Electrical performance	Pass at +/- 15% of rated voltage	
5.2.11 Temperature rise	Pass	
5.2.12 Damage	Pass	
5.2.13 Fire/smoke doors	Grade 1 - Suitable for use on fire/smoke door assemblies	
Durability of Self Closing		
5.2.14.1 Corrosion	Grade 3 : 96 hrs	
5.2.14.2 Corrosion	Pass - After the salt spray test, the closing moment of the door closer was not less than 80% of that measured prior to the test.	
Dangerous Substances Annex ZA3	The materials in the product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.	

9. Declared Performance – Figure 6

Essential characteristic	Performance	Harmonised technical specification
Ability to release		
Application	Door-mounted push side (Fig.6)	EN1155:1997:A1:2002
5.2.1 Release from any angle	Pass	
5.1.3 Not Possible to inhibit the release	Pass	
5.1.4 Supply voltage	Pass	
5.1.5 External electrical connection	Pass	
5.1.6 Inlet for external wiring	Pass	
General		
5.2.1 Electrical release	Pass – Release within 3s	
5.2.3 Door closing device EN1154 requirements	Pass – Documentation held separately	
5.2.4 Durability	25 000 Electrical 25 000 Mechanical	
5.2.5 Angle of hold	Greater than 65°	
5.2.6 Manual release	Between 40Nm and 120Nm	
5.2.7 Continuous hold open	Pass – less than 2° movement over 48 hours	
5.2.8 Overload Performance	Pass	
5.2.9 Delayed release	Pass	
5.2.10 Electrical performance	Pass at +/- 15% of rated voltage	
5.2.11 Temperature rise	Pass	
5.2.12 Damage	Pass	
5.2.13 Fire/smoke doors	Grade 1 - Suitable for use on fire/smoke door assemblies	
Durability of Self Closing		
5.2.14.1 Corrosion	Grade 3 : 96 hrs	
5.2.14.2 Corrosion	Pass - After the salt spray test, the closing moment of the door closer was not less than 80% of that measured prior to the test.	
Dangerous Substances Annex ZA3	The materials in the product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.	

10. The performance of the product identified in points 1 and 2 is in conformity with 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:

A handwritten signature in black ink, appearing to read 'Russell Marks', with a stylized flourish at the end.

Russell Marks

Managing Director

Date of issue: 8th January 2021

BOSS Door Controls Limited

Livingston, West Lothian EH54 9BU

United Kingdom