element

Notified Body No. 2812

Certificate of Constancy of Performance

2812-CPR-AD0219

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

TS4.224 Overhead Door Closer

Intended use: For use on fire rated single leaf and double leaf doors
STANDARD DOOR MOUNT PULL SIDE APPLICATION

Essential characteristics	Performance	Harmonised Technical Specification
Mechanical Test Evidence: WIL 158027, 160445 & 430022 **Fire Test Evidence:** WF 144029 Iss 7 & WF 174172/B		
Self-closing 5.2.1 General		**EN1154:1996/A1:2002/AC:2006**
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Pass size 2 to 4	
5.2.4 Opening moment	Pass size 2 to 4	
5.2.5 Efficiency	> 50% size 2	
5.2.5 Efficiency	> 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 Temp dependence	-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 Back check (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 door suitability	Pass	
Essential characteristics	**Performance**	**Harmonised Technical Specification**
Durability of Self Closing 5.2.2 Durability	500,000 test cycles	**EN1154:1996/A1:2002/AC:2006**
5.2.17.1 Corrosion	Grade 3 (96 hours)	
5.2.17.2 Corrosion	Pass	
Dangerous Substances Annex ZA3	Pass: 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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TS4.224 Overhead Door Closer

Intended use: For use on fire rated single leaf and double leaf doors
PARALLEL ARM APPLICATION

Essential characteristics	Performance	Harmonised Technical Specification
Self-closing 5.2.1 General		EN1154:1996/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 Temp dependence	-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 Back check (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 door suitability	Pass	
Essential characteristics	**Performance**	**Harmonised Technical Specification**
Durability of Self Closing 5.2.2 Durability	500,000 test cycles	EN1154:1996/A1:2002/AC:2006
5.2.17.1 Corrosion	Grade 3 (96 hours)	
5.2.17.2 Corrosion	Pass	
Dangerous Substances Annex ZA3	Pass: 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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Placed on the market under the name of:

Boss Door Controls Limited
3-4 Rutherford Square
Brucefield Industry Park
Livingston
EH54 9BU
United Kingdom

and produced in the manufacturing plant:

CSB67722-2

This is coded format, and the information is held by the Notified Body.

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard:

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

Under System 1 for the performance set out in this certificate are applied and that the Factory Production Control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on **22/09/2020** and revised on **17/06/2026** and will remain valid as long as neither the designated standard, the Construction Product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, or unless suspended or withdrawn by the Notified Product Certification Body.

CE Marking certificate valid to: **13/12/2026**

ERO Project Reference: **ERO 034621 P2150**

Pascal Coget
European Certification –General Manager

CSF408-NL 8.0