warringtonfire
Proud to be part of element

Approved Body No. 1121

Certificate of Constancy of Performance

1121-CPR-UK-AD8075

In compliance with Construction Products Regulation 2011 (retained EU law EUR 2011/305) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020, this certificate applies to the construction product:

Boss TS1-203 & TS1-224 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	Designated Standard
Mechanical Test Evidence: WIL 502577 **Fire Test Evidence:** WF 520008 & WF 503155 AR Iss 1		
Self-closing 5.2.1 General		**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 Temp dependence	-15°C to +40°C	
5.2.10 Fluid leakage	Pass	
5.2.11 Damage	Pass	
5.2.12 Latch control	NPD	
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**	**Designated standard**
Durability of Self Closing 5.2.2 Durability	500,000 test cycles	**EN 1154:1996/A1:2002 / AC:2006**
5.2.17.1 Corrosion	NPD	
5.2.17.2 Corrosion	NPD	
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	

This certificate is the property of Warringtonfire Testing and Certification Limited. Registered in England and Wales
Registered Office: 3rd Floor, Davidson Building, 5 Southampton Street, London, WC2E 7HA. Company Registration No: 11371436

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Boss TS1-203 & TS1-224 Overhead Door Closer

Intended use: For use on fire rated single leaf and double leaf doors
TRANSOM MOUNT APPLICATION

Essential Characteristics	Performance	Designated Standard
Self-closing 5.2.1 General		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 Temp dependence	-15°C to +40°C	
5.2.10 Fluid leakage	Pass	
5.2.11 Damage	Pass	
5.2.12 Latch control	NPD	
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**	**Designated standard**
Durability of Self Closing 5.2.2 Durability	500,000 test cycles	EN 1154:1996/A1:2002 / AC:2006
5.2.17.1 Corrosion	NPD	
5.2.17.2 Corrosion	NPD	
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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Boss TS1-203 & TS1-224 Overhead Door Closer

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

Essential Characteristics	Performance	Designated Standard
Self-closing 5.2.1 General		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 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**	**Designated standard**
Durability of Self Closing 5.2.2 Durability	500,000 test cycles	EN 1154:1996/A1:2002 / AC:2006
5.2.17.1 Corrosion	NPD	
5.2.17.2 Corrosion	NPD	
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 Ltd
3 & 4 Rutherford Square
Brucefield Industry Park
Livingston
West Lothian
EH54 9BU
United Kingdom

and produced in the manufacturing plant:

CSB67722-8

This is coded format, and the information is held by the Approved 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(s)

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 **12/08/2024** 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 Approved Product Certification Body.

UKCA certificate valid to: **11/08/2027**

UKAS PRODUCT CERTIFICATION

0087

Paul Duggan
Certification Manager

Warringtonfire Testing and Certification Limited
Suite 302, The Genesis Centre, Birchwood, Warrington, WA3 7BH, UK

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