

Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren

Certificate of constancy of performance**0432-CPR-00026-62**

Version 01

In compliance with Regulation (EU) No 305/2011 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

Electrically powered hold-open device integrated in a floor spring door closer BTS 80 EMB and electrically powered freeswing devices integrated in a floor spring door closer BTS 80 FLB

Electrically powered hold-open devices for single- and double-leaf swing doors according to the composition and classification in annex 1,

placed on the market under the name or trade mark of

dormakaba Deutschland GmbH

DORMA Platz 1
58256 Ennepetal, Germany

and produced in the manufacturing plant(s)

DO 2.20

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard(s)

EN 1155:1997/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 will remain valid until 22.09.2025 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Dortmund, 22.09.2020



By order



Dipl.-Ing Friedrich
Head of Certification Body

This Certificate consists of 1 page and 1 annex(es).

The original of this document was issued in German language.

In case of doubt only the German version is valid.



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List of Products

Type : „BTS 80 EMB“
Description: Electrically powered hold open device integrated in a floor spring door closer.
Installation: Under the floor acc. to manufacturer specifications
Size : 4
Classification: 3 8 4 1 1 4
Manufacturing plant: DO 2.20

Type : „BTS 80 EMB“
Description: Electrically powered hold open device integrated in a floor spring door closer.
Installation: Under the floor acc. to manufacturer specifications
Size: 5
Classification: 3 8 5 1 1 4
Manufacturing plant: DO 2.20

Type : „BTS 80 EMB“
Description: Electrically powered hold open device integrated in a floor spring door closer.
Installation: Under the floor acc. to manufacturer specifications
Size: 6
Classification: 3 8 6 1 1 4
Manufacturing plant: DO 2.20

Intended use:

On fire- and/or smoke-protection doors

Essential property	Sections with requirements in EN 1155:1997/A1:2002/AC:2006	Performance of the product
Ability to release	5.1.2 Release from every angle 5.1.3 Prevention of release 5.1.4 Nominal voltage supply 5.1.5 Extern electrical connection 5.1.6 Inlet for external cable management 5.2.1 General 5.2.2 Electrical release 5.2.4 Durability 5.2.5 Locking angle 5.2.6 Manual engaging 5.2.7 Permanent locking 5.2.8 Overload behaviour 5.2.9 Release delay 5.2.10 Electrical power 5.2.11 Temperature rise 5.2.12 Damage 5.2.13 Suitability for fire-/smoke protection doors	Passed Passed Passed Passed Passed Passed Passed Passed Passed Passed Passed Passed Passed Passed NPD/Not available Passed Passed Passed Class 1: Passed
Durability to release	5.2.4 Durability 5.2.14 Corrosion resistance 5.2.14.1 5.2.14.2 5.2.14.3	Class 8 (500 000 Cycles): Passed Class 4 (240h): Passed Class 4 (240h): Passed Class 4 (240h): Passed
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

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<i>Essential property</i>	<i>Sections with requirements in EN 1154:1996/A1:2002/AC:2006</i>	<i>Performance of the product</i>
<i>Self-closing</i>	<i>BTS 80 EMB EN 4, BTS 80 EMB EN 5, BTS 80 EMB EN 6</i> 5.2.1 <i>General</i> 5.2.3 <i>Closing torque</i> 5.2.4 <i>Opening torque</i> 5.2.5 <i>Efficiency</i> 5.2.6 <i>Closing time</i> 5.2.7 <i>Opening angle</i> 5.2.8 <i>Overload behaviour</i> 5.2.9 <i>Temperature dependence</i> 5.2.10 <i>Leaking</i> 5.2.11 <i>Damage</i> 5.2.12 <i>Latch</i> 5.2.13 <i>Back check</i> 5.2.14 <i>Delayed action</i> 5.2.15 <i>Adjustable closing force</i> 5.2.16 <i>Play at zero position</i> 5.2.18 <i>Suitability for fire-/smoke-protection doors</i>	<i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Class 4: Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>NPD/ Not available</i> <i>Not applicable</i> <i>Passed</i> <i>Class 1: Passed</i>
<i>Durability of self-closing</i>	5.2.2 <i>Durability</i> 5.2.17.1 <i>Corrosion resistance</i> 5.2.17.2 <i>Corrosion resistance</i> 5.2.17.3 <i>Corrosion resistance</i>	<i>Class 8 (500 000 Cycles): Passed</i> <i>Class 4 (240h): Passed</i> <i>Class 4 (240h): Passed</i> <i>Class 4 (240h): Passed</i>
<i>Dangerous substances</i>	<i>Annex ZA.3</i>	<i>The manufacturer has not declared any dangerous substances.</i>

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Type: „BTS 80 FLB“
Description: Electrically powered hold open device with free swing function integrated in a floor spring door closer.
Installation: Under the floor acc. to manufacturer specifications
Size : 4
Classification: 3 8 4 1 1 4
Manufacturing plant: DO 2.20

Type: „BTS 80 FLB“
Description: Electrically powered hold open device with free swing function integrated in a floor spring door closer.
Installation: Under the floor acc. to manufacturer specifications
Size: 5
Classification: 3 8 5 1 1 4
Manufacturing plant: DO 2.20

Type: „BTS 80 FLB“
Description: Electrically powered hold open device with free swing function integrated in a floor spring door closer.
Installation: Under the floor acc. to manufacturer specifications
Size: 6
Classification: 3 8 6 1 1 4
Manufacturing plant: DO 2.20

Intended use:

On fire- and/or smoke-protection doors

Essential property	Sections with requirements in EN 1155:1997/A1:2002/AC:2006	Performance of the product
Ability to release	5.1.2 Release from every angle 5.1.3 Prevention of release 5.1.4 Nominal voltage supply 5.1.5 Extern electrical connection 5.1.6 Inlet for external cable management 5.2.1 General 5.2.2 Electrical release 5.2.4 Durability 5.2.5 Locking angle 5.2.6 Manual engaging 5.2.7 Permanent locking 5.2.8 Overload behaviour 5.2.9 Release delay 5.2.10 Electrical power 5.2.11 Temperature rise 5.2.12 Damage 5.2.13 Suitability for fire-/smoke protection doors	Passed Passed Passed Passed Passed Passed Passed Not applicable Not applicable Passed Passed NPD/ Not available Passed Passed Passed Class 1: Passed
Durability to release	5.2.4 Durability 5.2.14 Corrosion resistance 5.2.14.1 5.2.14.2 5.2.14.3	Class 8 (500 000 Cycles): Passed Class 4 (240h): Passed Class 4 (240h): Passed Class 4 (240h): Passed
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

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<i>Essential property</i>	<i>Sections with requirements in EN 1154:1996/A1:2002/AC:2006</i>	<i>Performance of the product</i>
<i>Self-closing</i>	<i>BTS 80 FLB EN 4, BTS 80 FLB EN 5, BTS 80 FLB EN 6</i> 5.2.1 <i>General</i> 5.2.3 <i>Closing torque</i> 5.2.4 <i>Opening torque</i> 5.2.5 <i>Efficiency</i> 5.2.6 <i>Closing time</i> 5.2.7 <i>Opening angle</i> 5.2.8 <i>Overload behaviour</i> 5.2.9 <i>Temperature dependence</i> 5.2.10 <i>Leaking</i> 5.2.11 <i>Damage</i> 5.2.12 <i>Latch</i> 5.2.13 <i>Back check</i> 5.2.14 <i>Delayed action</i> 5.2.15 <i>Adjustable closing force</i> 5.2.16 <i>Play at zero position</i> 5.2.18 <i>Suitability for fire-/smoke-protection doors</i>	<i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Class 4: Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>NPD/ Not available</i> <i>Not applicable</i> <i>Passed</i> <i>Class 1: Passed</i>
<i>Durability of self-closing</i>	5.2.2 <i>Durability</i> 5.2.17.1 <i>Corrosion resistance</i> 5.2.17.2 <i>Corrosion resistance</i> 5.2.17.3 <i>Corrosion resistance</i>	<i>Class 8 (500 000 Cycles): Passed</i> <i>Class 4 (240h): Passed</i> <i>Class 4 (240h): Passed</i> <i>Class 4 (240h): Passed</i>
<i>Dangerous substances</i>	<i>Annex ZA.3</i>	<i>The manufacturer has not declared any dangerous substances.</i>