

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Certificate of constancy of performance**0432-CPR-00026-64**

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 door closer and electrically powered freeswing devices integrated in a door closer
TS 73 EMF**

Electrically powered hold-open devices for single- and double-leaf swing doors according to the composition and classification in Appendix 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 2.1

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 **24.08.2021** and will remain valid until 24.08.2026 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 24.08.2021



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 :	„TS 73 EMF EN 4“
Description:	electrically powered hold open device integrated in a door closer.
arm system:	scissor arm assembly, optional with 420mm adjustment screw
Installation:	door leaf mounting on the opening side acc. to installation instruction of the manufacturer frame mounting on the closing side acc. to installation instruction of the manufacturer
Size :	4
Classification:	3 8 4 1 1 3
Manufacturing plant:	DO 2.1
Type :	„ TS 73 EMF EN 5 “
Description:	electrically powered hold open device integrated in a door closer.
arm system:	scissor arm assembly, optional with 420mm adjustment screw
Installation:	door leaf mounting on the opening side acc. to installation instruction of the manufacturer frame mounting on the closing side acc. to installation instruction of the manufacturer
Size:	5
Classification:	3 8 5 1 1 3
Manufacturing plant:	DO 2.1
Type :	„ TS 73 EMF EN 6 “
Description:	electrically powered hold open device integrated in a door closer.
arm system:	scissor arm assembly, optional with 420mm adjustment screw
Installation:	door leaf mounting on the opening side acc. to installation instruction of the manufacturer frame mounting on the closing side acc. to installation instruction of the manufacturer
Size	6
Classification:	3 8 6 1 1 3
Manufacturing plant:	DO 2.1
Type :	„TS 73 EMF EN 4“
Description:	electrically powered hold open device integrated in a door closer.
arm system:	scissor arm assembly with free swing function, optional with 420mm adjustment screw
Installation:	door leaf mounting on the opening side acc. to installation instruction of the manufacturer frame mounting on the closing side acc. to installation instruction of the manufacturer
Size :	4
Classification:	3 8 4 1 1 3
Manufacturing plant:	DO 2.1
Type :	„ TS 73 EMF EN 5 “
Description:	electrically powered hold open device integrated in a closer.
arm system:	scissor arm assembly with free swing function, optional with 420mm adjustment screw
Installation:	door leaf mounting on the opening side acc. to installation instruction of the manufacturer frame mounting on the closing side acc. to installation instruction of the manufacturer
Size:	5
Classification:	3 8 5 1 1 3
Manufacturing plant:	DO 2.1
Type :	„ TS 73 EMF EN 6 “
Description:	electrically powered hold open device integrated in a door closer.
arm system:	scissor arm assembly with free swing function, optional with 420mm adjustment screw
Installation:	door leaf mounting on the opening side acc. to installation instruction of the manufacturer frame mounting on the closing side acc. to installation instruction of the manufacturer
Size	6
Classification:	3 8 6 1 1 3
Manufacturing plant:	DO 2.1

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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	<p>TS73 EMF EN 4, TS73 EMF EN 5, TS73 EMF EN 6 with hold open function</p> <p>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</p> <p>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 behavior 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</p>	<p>passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) not applicable NPD/not applicable Passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) Class 1: passed</p>
Durability to release	<p>5.2.4 Durability 5.2.14 Corrosion resistance</p> <p>TS 73 EMF EN 4, TS 73 EMF EN 5, TS 73 EMF EN 6</p> <p>5.2.14.1 5.2.14.2 5.2.14.3</p>	<p>Class 8 (500 000 Cycles) passed (Size 4, Size 5, Size 6)</p> <p>Class 3 (96h): passed Class 3 (96h): passed Class 3 (96h): passed</p>
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

Essential property	Sections with requirements in EN 1155:1997/A1:2002/AC:2006	Performance of the product
Ability to release	<p>TS73 EMF EN 4, TS73 EMF EN 5, TS73 EMF EN 6 with free swing function</p> <p>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</p> <p>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 behavior 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</p>	<p>passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed passed (Size 4, Size 5, Size 6) passed for free swing function (Size 4, Size 5, Size 6) not applicable not applicable passed (Size 4, Size 5, Size 6) not applicable NPD/not applicable Passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) Class 1: passed</p>
Durability to release	<p>5.2.4 Durability 5.2.14 Corrosion resistance</p> <p>TS 73 EMF EN 4, TS 73 EMF EN 5, TS 73 EMF EN 6</p> <p>5.2.14.1 5.2.14.2 5.2.14.3</p>	<p>Class 8 (500 000 Cycles) passed (Size 4, Size 5, Size 6)</p> <p>Class 3 (96h): passed Class 3 (96h): passed Class 3 (96h): passed</p>
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

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Essential property	Sections with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of the product
Self-closing	<p>TS73 EMF EN 4, TS73 EMF EN 5, TS73 EMF EN 6 with free swing function or hold open function</p> <p>5.2.1 General 5.2.3 Closing torque 5.2.4 Opening torque 5.2.5 Efficiency 5.2.6 Closing time 5.2.7 Opening angle 5.2.8 Overload behaviour 5.2.9 Temperature dependence 5.2.10 Leaking 5.2.11 Damage 5.2.12 Latch 5.2.13 Back check 5.2.14 Delayed action 5.2.15 Adjustable closing force 5.2.16 Play at zero position 5.2.18 Suitability for fire-/smoke-protection doors</p>	<p>passed passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Class 4) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) passed (Size 4, Size 5, Size 6) not applicable not applicable passed (Size 4, Size 5, Size 6) not applicable Class 1: passed</p>
Durability of self-closing	<p>5.2.2 Durability</p> <p>TS73 EMF EN 4, TS73 EMF EN 5, TS73 EMF EN 6</p> <p>5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance</p>	<p>passed Class 8 (500 000 Cycles) (Size 4, Size 5, Size 6)</p> <p>passed Class 3 (96h) passed Class 3 (96h) passed Class 3 (96h)</p>
Dangerous substances	Anhang ZA.3	The manufacturer has not declared any dangerous substances.