

Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren

Certificate of constancy of performance**0432-CPR-00026-36**

Version 03

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

**Overhead door closer TS 90 Impulse BC EN 3/4, TS 90 Impulse EN 3/4 &
TS 90 Impulse EN 3 FRX**

Controlled door closing 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 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 02.09.2019 and will remain valid until 02.09.2029 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 20th September 2024



By order

RBA Th. Meinks

Deputy Head of Certification Body, Department
2230

This Certificate consists of 1 page and 1 annex(es). It replaces certificate no.
0432-CPR-00026-36 dated 21.09.2022, version 02.

The original of this document was issued in German language.

In case of doubt only the German version is valid.

Materialprüfungsamt Nordrhein-Westfalen • Marsbruchstraße 186 • 44287 Dortmund • Telefon +49 (0)231 4502-0 • Telefax +49 (0)231 458549 •
MPA NRW Brandprüfzentrum Erwitte • Auf den Thränen 2 • 59597 Erwitte • Telefon +49 (0)2943 897-0 • Telefax +49 (0)2943 897-89 •

• E-Mail: info@mpanrw.de • www.mpanrw.de •

Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren

List of Products

Type :	„TS 90 Impulse BC EN 3/4“ & „TS 90 Impulse EN 3/4“
Description :	Overhead door closer with hydraulic damping.
Arm system :	Slide channel arm assembly
Installation :	Door-leaf fixing, pull side according to manufacturer specifications
Size :	3 / 4
Classification :	3 8 3 / 4 1 1 3
Manufacturing plant :	DO 2.20
Remarks :	

Intended use:

On single- and double-leaf fire- and/or smoke-protection swing doors

Essential property	Sections with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of the product
Self-closing	TS 90 Impulse BC EN 3 / 4 & TS 90 Impulse EN 3 / 4 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 behavior 5.2.9 Temperature dependence 5.2.10 Leaking 5.2.11 Damage 5.2.12 Latch 5.2.13 Back check TS 90 Impulse BC EN 3 / 4 TS 90 Impulse EN 3 / 4 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	Passed Passed (Size 3/4) Passed (Size 3/4) Passed (Size 3/4) Passed (Size 3/4) Passed (Size 3/4) Passed (Class 3)*¹⁾ Passed (Size 3/4) Passed (Size 3/4) Passed (Size 3/4) Passed (Size 3/4) Not applicable Passed (Size 3/4) Not applicable Not applicable Passed (Size 3/4) Not applicable Passed (Class 1)
Durability of self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	Passed Class 8 (500 000 Cycles) Passed Class 3 (96h) Passed Class 3 (96h) Passed Class 3 (96h)
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

*¹⁾ An opening limitation is required

Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren

Type : „TS 90 Impulse EN 3 FRX“
Description : Overhead door closer with hydraulic damping.
Arm system : Slide channel arm assembly
Installation : Door-leaf fixing, pull side according to manufacturer specifications
Size : 3
Classification : 3 8 3 1 1 3
Manufacturing plant : DO 2.20
Remarks :

Intended use:

On single- and double-leaf fire- and/or smoke-protection swing doors

Essential property	Sections with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of the product
Self-closing	TS 90 Impulse BC EN 3 / 4 & TS 90 Impulse EN 3 / 4 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 behavior 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	Passed Passed (Size 3) Passed (Size 3) Passed (Size 3) Passed (Size 3) Passed (Class 3) ^{*1)} Passed (Size 3) Passed (Size 3) Passed (Size 3) Passed (Size 3) Not applicable Not applicable Not applicable Not applicable Passed (Class 1)
Durability of self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	Passed Class 8 (500 000 Cycles) Passed Class 3 (96h) Passed Class 3 (96h) Passed Class 3 (96h)
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

*1) An opening limitation is required