

**Materialprüfungsamt Nordrhein-Westfalen**

Prüfen · Überwachen · Zertifizieren

**Certificate of constancy of performance  
0432-CPR-00026-101**

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

**Overhead door closer TS 90 Impulse EN 3**

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 03.06.2020 and will remain valid until 03.06.2025 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 03.06.2020



By order



Dipl. Ing. (FH) T. Wilms

Head of Certification Body Department 22.30.2

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 90 Impulse EN 3“
Description :	Overhead door closer with hydraulic damping.
Arm system :	Slide channel arm assembly
Installation :	Door-leaf fixing, pull side according to manufacturer specifications Frame 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	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	passed (size 3) passed (size 3) passed (size 3) passed (size 3) passed (size 3) passed (class 3)* <sup>1)</sup> passed (size 3) passed (size 3) passed (size 3) passed (size 3) Not applicable Not applicable 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) (Size 3) 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.

\*<sup>1)</sup> An opening limitation is required