

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Certificate of constancy of performance**0432-CPR-00026-90**

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 surface mounted TS 98 XEA

Controlled door closing devices for single and doubleleaf swing doors
as detailed and classified on annex 2

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 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 12.07.2017 and will remain valid until 12.07.2027 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 12.07.2022



order

Dipl.-Ing. T. Friedrich
Head of Certification Body

This Certificate consists of 1 page and 1 annex(es). It replaces certificate no.
0432-CPR-00026-90 Version 02 from 25.10.2021.

The original of this document was issued in German language.

In case of doubt only the German version is valid.

Products

| | |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| type : | „TS 98 XEA“ |
| description : | controlled door closing devices |
| arm system : | slide channel arm (assembly) |
| mounting : | Door-leaf fixing, pull side (standard installation) Frame fixing, pull side door leaf fixing, push side |
| size : | 1-6 |
| classification / mounting: | 4 8 1-6 1 1 4 Door-leaf fixing, pull side (standard installation) 4 8 1-6 1 1 4 Frame fixing, pull side 3 8 1-6 1 1 4 door leaf fixing, push side |
| manufacturing plant : | DO 2.1 |
| hints: | with mounting plate or fire protection plate |

intended use:

for single and double leaf fire- and/or smoke swingdoors

| <i>essential characteristics</i> | <i>clauses with requirements in EN 1154:1996/A1:2002/AC:2006</i> | <i>performance of product</i> |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>self-closing</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> door-leaf fixing, pull side frame fixing, pull side door leaf fixing, push side 5.2.8 <i>overload test</i> 5.2.9 <i>temperature dependence</i> 5.2.10 <i>leakage</i> 5.2.11 <i>damage</i> 5.2.12 <i>latch regulation</i> 5.2.13 <i>back check</i> 5.2.14 <i>delayed action</i> 5.2.15 <i>adjustable force</i> 5.2.16 <i>free play at zero point position</i> 5.2.18 <i>use on fire-/smoke doors</i> | passed passed (Size 1-6) passed (Size 1-6) passed (Size 1-6) passed (Size 1-6) passed (Class 4) passed (Class 4) passed (Class 3) passed (Size 1-6) passed passed passed passed passed passed passed not applicable Class 1: passed |
| <i>durability 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> | Class 8 (500000 cycles): passed Class 4 (240h): passed Class 4 (240h): passed Class 4 (240h): passed |
| <i>dangerous substances</i> | <i>annex ZA.3</i> | <i>The manufacturer has not declared any dangerous substances.</i> |

Products

| | |
|-----------------------------------|----------------------------------------------|
| type : | „TS 98 XEA“ |
| description : | controlled door closing devices |
| arm system : | slide channel arm (assembly) |
| mounting : | frame fixing, push side |
| Size : | 1-5 |
| classification / mounting: | 4 8 1-5 1 1 4 frame fixing, push side |
| manufacturing plant : | DO 2.1 |
| hints : | with mounting plate or fire protection plate |

intended use:

for single and double leaf fire- and/or smoke swingdoors:

| <i>essential characteristics</i> | <i>clauses with requirements in EN 1154:1996/A1:2002/AC:2006</i> | <i>Leistung des Produkts</i> |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>self-closing</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 test</i> 5.2.9 <i>temperature dependence</i> 5.2.10 <i>leakage</i> 5.2.11 <i>damage</i> 5.2.12 <i>latch regulation</i> 5.2.13 <i>back check</i> 5.2.14 <i>delayed action</i> 5.2.15 <i>adjustable force</i> 5.2.16 <i>free play at zero point position</i> 5.2.18 <i>use on fire-/smoke doors</i> | <i>passed</i> <i>passed (Size 1-5)</i> <i>passed (Size 1-5)</i> <i>passed (Size 1-5)</i> <i>passed (Size 1-5)</i> <i>passed (Class 4)</i> <i>passed (Size 1-5)</i> <i>passed</i> <i>passed</i> <i>passed</i> <i>passed</i> <i>passed</i> <i>passed</i> <i>passed</i> <i>not applicable</i> <i>Class 1: passed</i> |
| <i>durability 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 (500000 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> |