

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Certificate of constancy of performance**0432-CPR-00026-33**

Version 04

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 closing devices of the model series TS 73 (FRX), TS 83 and TS 89F

Controlled door closing devices for single- and double-leaf swing doors
as detailed and classified on 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 22.08.2018 and will remain valid until 22.08.2023 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 28th October 2021



By order

Dipl.-Ing. (FH) T. Wilms

Head of Certification Body Department 2230.2

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

This Certificate replaces the Certificate no. 0432-CPR-00026-33 dated
02.09.2020, Version 03.

The original of this document was issued in German language.



List of Products

Type :	"TS 73 V EN 2-4 BCA" and "TS 73 V EN 2-4 BCA FRX "
Description :	Overhead door closer with hydraulic damping, adjustable latch and adjustable back check.
Arm system :	Scissor arm
Mounting :	Door-leaf fixing, pull side (standard installation) Frame fixing, push side
Size :	2 - 4
Classification / mounting:	4 8 2-4 1 1 4 Door-leaf fixing, pull side (standard installation) 4 8 2-4 1 1 4 Frame fixing, push side
Manufacturing plant :	DO 2.20
Remarks:	optional with mounting plate

Intended use:

for single and double leaf fire- and/or smoke protection doors

Essential characteristics	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of 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 Door-leaf fixing, pull side Frame fixing, push side 5.2.8 Overload test 5.2.9 Temperature dependence 5.2.10 Leakage 5.2.11 Damage 5.2.12 Latch regulation 5.2.13 Back check 5.2.14 Delayed action 5.2.15 Adjustable force 5.2.16 Free play at zero point position 5.2.18 Use on fire-/smoke protection doors	passed passed (Size 2-4) passed (Size 2-4) passed (Size 2-4) passed (Size 2-4) passed (Class 4) passed (Class 4) passed (Size 2-4) passed passed passed passed passed not applicable passed not applicable Class 1: passed
Durability Self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	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.

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	"TS 73 V BC/DC EN 1-4"
Description :	Overhead door closer with hydraulic damping, adjustable latch, adjustable back check and adjustable delayed action.
Arm system :	Scissor arm
Mounting :	Door-leaf fixing, pull side (standard installation)
Size :	1 - 4
Classification / mounting:	4 8 1-4 1 1 4 Door-leaf fixing, pull side (standard installation)
Manufacturing plant :	DO 2.20
Remarks:	optional with mounting plate

Intended use:

for single and double leaf fire- and/or smoke protection doors

Essential characteristics	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of 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 test 5.2.9 Temperature dependence 5.2.10 Leakage 5.2.11 Damage 5.2.12 Latch regulation 5.2.13 Back check 5.2.14 Delayed action 5.2.15 Adjustable force 5.2.16 Free play at zero point position 5.2.18 Use on fire-/smoke protection doors	passed passed (Size 1-4) passed (Size 1-4) passed (Size 1-4) passed (Size 1-4) passed (Class 4) passed (Size 1-4) passed passed passed passed passed passed passed not applicable Class 1: passed
Durability Self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	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.

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	"TS 83 BC/(DC) EN 3-6"
Description :	Overhead door closer with hydraulic damping, adjustable latch, adjustable back check, optional adjustable delayed action and optional corrosion resistant design (AC).
Arm system :	Scissor arm
Mounting :	Door-leaf fixing, pull side (standard installation) Frame fixing, push side
Size :	3 - 6
Classification / mounting:	4 8 3-6 1 1 4 Door-leaf fixing, pull side (standard installation) 4 8 3-6 1 1 4 Frame fixing, push side
Manufacturing plant :	DO 2.20
Remarks:	optional with mounting plate

Intended use:

for single and double leaf fire- and/or smoke protection doors

Essential characteristics	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of 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 Door-leaf fixing, pull side Frame fixing, push side 5.2.8 Overload test 5.2.9 Temperature dependence 5.2.10 Leakage 5.2.11 Damage 5.2.12 Latch regulation 5.2.13 Back check 5.2.14 Delayed action (optional) 5.2.15 Adjustable force 5.2.16 Free play at zero point position 5.2.18 Use on fire-/smoke protection doors	passed passed (Size 3-6) passed (Size 3-6) passed (Size 3-6) passed (Size 3-6) passed (Class 4) passed (Class 4) passed (Size 3-6) passed passed passed passed passed passed passed not applicable Class 1: passed
Durability Self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	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.

Type :	"TS 83 BC/(DC) EN 2-5"
Description :	Overhead door closer with hydraulic damping, adjustable latch, adjustable back check and optional adjustable delayed action.
Arm system :	Scissor arm
Mounting :	Door-leaf fixing, pull side (standard installation) Frame fixing, push side
Size :	2 - 5
Classification / mounting:	4 8 2-5 1 1 4 Door-leaf fixing, pull side (standard installation) 4 8 2-5 1 1 4 Frame fixing, push side
Manufacturing plant :	DO 2.20
Remarks:	optional with mounting plate

Intended use:

for single and double leaf fire- and/or smoke protection doors

Essential characteristics	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of 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 Door-leaf fixing, pull side Frame fixing, push side 5.2.8 Overload test 5.2.9 Temperature dependence 5.2.10 Leakage 5.2.11 Damage 5.2.12 Latch regulation 5.2.13 Back check 5.2.14 Delayed action (optional) 5.2.15 Adjustable force 5.2.16 Free play at zero point position 5.2.18 Use on fire-/smoke protection doors	passed passed (Size 2-5) passed (Size 2-5) passed (Size 2-5) passed (Size 2-5) passed (Class 4) passed (Class 4) passed (Size 2-5) passed passed passed passed passed passed not applicable Class 1: passed
Durability Self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	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.

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	"TS 83 BC EN 7"
Description :	Overhead door closer with hydraulic damping, adjustable latch, and adjustable back check.
Arm system :	Scissor arm
Mounting :	Door-leaf fixing, pull side (standard installation) Frame fixing, push side
Size :	7
Classification / mounting:	4 8 7 1 1 4 Door-leaf fixing, pull side (standard installation) 4 8 7 1 1 4 Frame fixing, push side
Manufacturing plant :	DO 2.20
Remarks:	optional with mounting plate

Intended use:

for single and double leaf fire- and/or smoke protection doors

Essential characteristics	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of 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 Door-leaf fixing, pull side Frame fixing, push side 5.2.8 Overload test 5.2.9 Temperature dependence 5.2.10 Leakage 5.2.11 Damage 5.2.12 Latch regulation 5.2.13 Back check 5.2.14 Delayed action 5.2.15 Adjustable force 5.2.16 Free play at zero point position 5.2.18 Use on fire-/smoke protection doors	passed passed (Size 7) passed (Size 7) passed (Size 7) passed (Size 7) passed (Class 4) passed (Class 4) passed (Size 7) passed passed passed passed passed not applicable not applicable not applicable Class 1: passed
Durability Self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	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.

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	"TS 89 F EN 3-6"
Description :	Overhead door closer with hydraulic damping and adjustable latch.
Arm system :	Scissor arm
Mounting :	Door-leaf fixing, pull side (standard installation) Frame fixing, push side
Size :	3 - 6
Classification / mounting:	4 8 3-6 1 1 4 Door-leaf fixing, pull side (standard installation) 4 8 3-6 1 1 4 Frame fixing, push side
Manufacturing plant :	DO 2.20
Remarks:	optional with mounting plate

Intended use:

for single and double leaf fire- and/or smoke protection doors

Essential characteristics	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of 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 Door-leaf fixing, pull side Frame fixing, push side 5.2.8 Overload test 5.2.9 Temperature dependence 5.2.10 Leakage 5.2.11 Damage 5.2.12 Latch regulation 5.2.13 Back check 5.2.14 Delayed action 5.2.15 Adjustable force 5.2.16 Free play at zero point position 5.2.18 Use on fire-/smoke protection doors	passed passed (Size 3-6) passed (Size 3-6) passed (Size 3-6) passed (Size 3-6) passed (Class 4) passed (Class 4) passed (Size 3-6) passed passed passed passed not applicable not applicable passed not applicable Class 1: passed
Durability Self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	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.

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	"TS 73 V BC EN 2-4"
Description :	Overhead door closer with hydraulic damping, adjustable latch and adjustable back check.
Arm system :	Parallel arm
Mounting :	Door-leaf fixing, push side
Size :	2-3
Classification / mounting:	4 8 2-3 1 1 4 Door-leaf fixing, push side
Manufacturing plant :	DO 2.20
Remarks:	optional with mounting plate

Intended use:

for single and double leaf fire- and/or smoke protection doors

<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> 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 protection doors</i>	<i>passed</i> <i>passed (Size 2-3)</i> <i>passed (Size 2-3)</i> <i>passed (Size 2-3)</i> <i>passed (Size 2-3)</i> <i>passed (Class 4)</i> <i>passed (Size 2-3)</i> <i>passed</i> <i>passed</i> <i>passed</i> <i>passed</i> <i>passed</i> <i>not applicable</i> <i>passed</i> <i>not applicable</i> <i>Class 1: passed</i>
<i>Durability</i> <i>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>

Type :	"TS 73 V BC/DC EN 1-4"
Description :	Overhead door closer with hydraulic damping, adjustable latch, adjustable back check
Arm system :	Parallel arm
Mounting :	Door-leaf fixing, push side
Size :	1 - 3
Classification / mounting:	4 8 1-3 1 1 4 Door-leaf fixing, push side
Manufacturing plant :	DO 2.20
Remarks:	The function delayed action (DC) does not fulfil the requirements of EN 1154:1996/A1:2002/AC:2006 if the door closer is mounted with parallel arm and has not to be used. Optional with mounting plate

Intended use:

for single and double leaf fire- and/or smoke protection doors

Essential characteristics	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of 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 test 5.2.9 Temperature dependence 5.2.10 Leakage 5.2.11 Damage 5.2.12 Latch regulation 5.2.13 Back check 5.2.14 Delayed action 5.2.15 Adjustable force 5.2.16 Free play at zero point position 5.2.18 Use on fire-/smoke protection doors	passed passed (Size 1-3) passed (Size 1-3) passed (Size 1-3) passed (Size 1-3) passed (Class 4) passed (Size 1-3) passed passed passed passed not applicable passed not applicable Class 1: passed
Durability Self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	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.

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	"TS 83 BC EN 3-6"
Description :	Overhead door closer with hydraulic damping, adjustable latch, and adjustable back check.
Arm system :	Parallel arm
Mounting :	Door-leaf fixing, push side
Size :	3 - 5
Classification / mounting:	4 8 3-5 1 1 4 Door-leaf fixing, push side
Manufacturing plant :	DO 2.20
Remarks:	optional with mounting plate

Intended use:

for single and double leaf fire- and/or smoke protection doors

<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> 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 protection doors</i>	passed passed (Size 3-5) passed (Size 3-5) passed (Size 3-5) passed (Size 3-5) passed (Class 4) passed (Size 3-5) passed passed passed passed passed not applicable passed not applicable Class 1: passed
<i>Durability</i> <i>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 (500 000 cycles): passed Class 4 (240h): passed Class 4 (240h): passed Class 4 (240h): passed
<i>Dangerous substances</i>	Annex ZA.3	The manufacturer has not declared any dangerous substances.

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	"TS 83 BC EN 2-5"
Description :	Overhead door closer with hydraulic damping, adjustable latch, and adjustable back check.
Arm system :	parallel arm
Mounting :	Door-leaf fixing, push side
Size :	2 - 4
Classification / mounting:	4 8 2-4 1 1 4 Door-leaf fixing, push side
Manufacturing plant :	DO 2.20
Remarks:	optional with mounting plate

Intended use:

for single and double leaf fire- and/or smoke protection doors

Essential characteristics	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of 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 test 5.2.9 Temperature dependence 5.2.10 Leakage 5.2.11 Damage 5.2.12 Latch regulation 5.2.13 Back check 5.2.14 Delayed action 5.2.15 Adjustable force 5.2.16 Free play at zero point position 5.2.18 Use on fire-/smoke protection doors	passed passed (Size 2-4) passed (Size 2-4) passed (Size 2-4) passed (Size 2-4) passed (Class 4) passed (Size 2-4) passed passed passed passed passed not applicable passed not applicable Class 1: passed
Durability Self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	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.