

■ ■ ■
■ ■ ■

Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren

Certificate of constancy of performance

0432-CPR-00026-37

Version 02

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 of model series TS 91, TS 92, TS 92 XEA

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 11.11.2015 and will remain valid until 11.11.2020 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 21st March 2018



By order

Dip.-Ing. Friedrich
Head of Certification Body

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

This Certificate replaces the Certificate no. 0432-CPR-00026-37 dated November 11th 2015, Version 01.



The original of this document was issued in German language.

In case of doubt only the German version is valid.

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

List of Products

Type :	„TS 91 B 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 (standard installation)		
	Frame fixing, push side according to manufacturer specifications		
Size :	3		
Classification :	Door-leaf fixing, pull side	4	8 3 1 1 3
	Frame fixing, push side	3	8 3 1 1 3
Manufacturing plant :	DO 2.20		
Remarks :	Optionally with or without mounting plate		

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 91 B EN 3 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 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 Passed (Size 3) Passed (Size 3) Passed (Size 3) Passed (Size 3) Passed (Class 4) Passed (Class 3) Passed (Size 3) Passed (Size 3) Passed (Size 3) Passed (Size 3) Not applicable Not applicable Not applicable Not applicable Not applicable Passed (Class 1)
Survability 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.

| |

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	„TS 91 G EN 3“		
Description :	Overhead door closer with hydraulic damping.		
Arm system :	Slide channel arm assembly		
Installation :	Frame fixing, pull side according to manufacturer specifications (standard installation)		
	Door-leaf fixing, push side according to manufacturer specifications		
Size :	3		
Classification :	Frame fixing, pull side	4	8 3 1 1 3
	Door-leaf fixing, push side	3	8 3 1 1 3
Manufacturing plant :	DO 2.20		
Remarks :	Optionally with or without mounting plate		

Intended use:

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

<i>Essential property</i>	<i>Sections with requirements in EN 1154:1996/A1:2002/AC:2006</i>	<i>Performance of the product</i>
<i>Self-closing</i>	TS 91 G EN 3 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, push side Frame fixing, pull side 5.2.8 <i>Overload behaviour</i> 5.2.9 <i>Temperature dependence</i> 5.2.10 <i>Leaking</i> 5.2.11 <i>Damage</i> 5.2.12 <i>Latch</i> 5.2.13 <i>Back check</i> 5.2.14 <i>Delayed action</i> 5.2.15 <i>Adjustable closing force</i> 5.2.16 <i>Play at zero position</i> 5.2.18 <i>Suitability for fire-/smoke-protection doors</i>	Passed Passed (Size 3) Passed (Size 3) Passed (Size 3) Passed (Size 3) Passed (Class 3) Passed (Class 4) Passed (Size 3) Passed (Size 3) Passed (Size 3) Passed (Size 3) Passed (Size 3) Not applicable Not applicable Not applicable Not applicable Not applicable Passed (Class 1)
<i>Durability of 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>	Passed Class 8 (500 000 Cycles) Passed Class 3 (96h) Passed Class 3 (96h) Passed Class 3 (96h)
<i>Dangerous substances</i>	Annex ZA.3	<i>The manufacturer has not declared any dangerous substances.</i>

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	„TS 91 B EN 4“	
Description :	Overhead door closer with hydraulic damping.	
Arm system :	Slide channel arm assembly	
Installation :	Door-leaf fixing, pull side according to manufacturer specifications (standard installation)	
	Frame fixing, push side according to manufacturer specifications	
Size :	4	
Classification :	Door-leaf fixing, pull side	4 8 4 1 1 3
	Frame fixing, push side	3 8 4 1 1 3
Manufacturing plant :	DO 2.20	
Remarks :	Optionally with or without mounting plate	

Intended use:

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

<i>Essential property</i>	<i>Sections with requirements in EN 1154:1996/A1:2002/AC:2006</i>	<i>Performance of the product</i>
<i>Self-closing</i>	TS 91 B EN 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 Door-leaf fixing, pull side Frame fixing, push side 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 Passed (Size 4) Passed (Size 4) Passed (Size 4) Passed (Size 4) Passed (Class 4) Passed (Class 3) Passed (Size 4) Passed (Size 4) Passed (Size 4) Passed (Size 4) Not applicable Not applicable Not applicable Not applicable Not applicable Passed (Class 1)
<i>Durability of self-closing</i>	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)
<i>Dangerous substances</i>	Annex ZA.3	<i>The manufacturer has not declared any dangerous substances.</i>

| |

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	„TS 92 B EN 1-4“	
Description :	Overhead door closer with hydraulic damping and adjustable closing force.	
Arm system :	Slide channel arm assembly	
Installation :	Door-leaf fixing, pull side according to manufacturer specifications (standard installation)	
	Frame fixing, push side according to manufacturer specifications	
Size :	1 - 4	
Classification :	Door-leaf fixing, pull side	4 8 1-4 1 1 3
	Frame fixing, push side	3 8 1-4 1 1 3
Manufacturing plant :	DO 2.20	
Remarks :	When used on fire and smoke protection doors, the closing device must be set at least to door closer size EN 3.	

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 92 B EN 1-4 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 Door-leaf fixing, pull side Frame fixing, push side 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 Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Class 4) Passed (Class 3) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Not applicable Not applicable Not applicable Passed (Size 1-4) 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.

| |

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	„TS 92 G EN 1-4“	
Description :	Overhead door closer with hydraulic damping and adjustable closing force.	
Arm system :	Slide channel arm assembly	
Installation :	Frame fixing, pull side according to manufacturer specifications (standard installation)	
	Door-leaf fixing, push side according to manufacturer specifications	
Size :	1 - 4	
Classification :	Frame fixing, pull side	4 8 1-4 1 1 3
	Door-leaf fixing, push side	3 8 1-4 1 1 3
Manufacturing plant :	DO 2.20	
Remarks :	When used on fire and smoke protection doors, the closing device must be set at least to door closer size EN 3.	

Intended use:

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

<i>Essential property</i>	<i>Sections with requirements in EN 1154:1996/A1:2002/AC:2006</i>	<i>Performance of the product</i>
<i>Self-closing</i>	TS 92 G EN 1-4 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 Door-leaf fixing, push side Frame fixing, pull side 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 Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Class 3) Passed (Class 4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Not applicable Not applicable Not applicable Passed (Size 1-4) Not applicable Passed (Class 1)
<i>Durability of self-closing</i>	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)
<i>Dangerous substances</i>	Annex ZA.3	The manufacturer has not declared any dangerous substances.

| |

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	„TS 92 B Basic EN 1-4“		
Description :	Overhead door closer with hydraulic damping and adjustable closing force.		
Arm system :	Slide channel arm assembly		
Installation :	Door-leaf fixing, pull side according to manufacturer specifications (standard installation)		
	Frame fixing, push side according to manufacturer specifications		
Size :	1 - 4		
Classification :	Door-leaf fixing, pull side	4	8 1-4 1 1 3
	Frame fixing, push side	3	8 1-4 1 1 3
Manufacturing plant :	DO 2.20		
Remarks :	When used on fire and smoke protection doors, the closing device must be set at least to door closer size EN 3.		

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 92 B Basic EN 1-4 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 Door-leaf fixing, pull side Frame fixing, push side 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 Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Class 4) Passed (Class 3) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Not applicable Not applicable Not applicable Passed (Size 1-4) 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.

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	„TS 92 G Basic EN 1-4“		
Description :	Overhead door closer with hydraulic damping and adjustable closing force.		
Arm system :	Slide channel arm assembly		
Installation :	Frame fixing, pull side according to manufacturer specifications (standard installation)		
	Door-leaf fixing, push side according to manufacturer specifications		
Size :	1 - 4		
Classification :	Frame fixing, pull side	4	8 1-4 1 1 3
	Door-leaf fixing, push side	3	8 1-4 1 1 3
Manufacturing plant :	DO 2.20		
Remarks :	When used on fire and smoke protection doors, the closing device must be set at least to door closer size EN 3.		

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 92 G Basic EN 1-4 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 Door-leaf fixing, push side Frame fixing, pull side 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 Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Class 3) Passed (Class 4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Not applicable Not applicable Not applicable Passed (Size 1-4) 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.

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	„TS 92 B XEA EN 1-4“	
Description :	Overhead door closer with hydraulic damping and adjustable closing force.	
Arm system :	Slide channel arm assembly	
Installation :	Door-leaf fixing, pull side according to manufacturer specifications (standard installation)	
	Frame fixing, push side der Tür gemäß Herstellerangaben	
Size :	1 - 4	
Classification :	Door-leaf fixing, pull side	4 8 1-4 1 1 4
	Frame fixing, push side	3 8 1-4 1 1 4
Manufacturing plant :	DO 2.20	
Remarks :	When used on fire and smoke protection doors, the closing device must be set at least to door closer size EN 3.	

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
<i>Self-closing</i>	TS 92 B XEA EN 1-4 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 Door-leaf fixing, pull side Frame fixing, push side 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 Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Class 4) Passed (Class 3) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Not applicable Not applicable Not applicable Passed (Size 1-4) Not applicable Passed (Class 1)
<i>Durability of self-closing</i>	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 4 (240h) Passed Class 4 (240h) Passed Class 4 (240h)
<i>Dangerous substances</i>	Annex ZA.3	The manufacturer has not declared any dangerous substances.

| |

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Type :	„TS 92 G XEA EN 1-4“		
Description :	Overhead door closer with hydraulic damping and adjustable closing force.		
Arm system :	Slide channel arm assembly		
Installation :	Frame fixing, pull side according to manufacturer specifications (standard installation)		
	Door-leaf fixing, push side according to manufacturer specifications		
Size :	1 - 4		
Classification :	Frame fixing, pull side	4	8 1-4 1 1 4
	Door-leaf fixing, push side	3	8 1-4 1 1 4
Manufacturing plant :	DO 2.20		
Remarks :	When used on fire and smoke protection doors, the closing device must be set at least to door closer size EN 3.		

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 92 G XEA EN 1-4 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 Door-leaf fixing, push side Frame fixing, pull side 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 Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Class 3) Passed (Class 4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Not applicable Not applicable Not applicable Passed (Size 1-4) 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 4 (240h) Passed Class 4 (240h) Passed Class 4 (240h)
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.