

# Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

## Certificate of constancy of performance

### 0432-CPR-00026-48

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 closing devices of the model series GR 400 EN 3, GR 450 EN 3, GR 500 EN 3-5

Controlled door closing devices for single- and double-leaf doors as detailed and classified on annex 1,

placed on the market under the name or trade mark of

### Fermetures GROOM

ZI L'Aumallerie-Javene, CS 20615

35306 Fougères, France

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 19.12.2019 and will remain valid until 19.12.2024 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 19.12.2019



By order



Dipl.-Ing. Friedrich  
Head of Certification Body

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.



# Materialprüfungsamt Nordrhein-Westfalen

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## List of Products

<b>Type :</b>	„GR 400 B EN 3 (BC)“
<b>Description :</b>	Overhead door closer with hydraulic damping, adjustable 2 <sup>nd</sup> closing area and optional adjustable back check (BC).
<b>Arm system :</b>	Slide channel arm assembly
<b>Installation :</b>	Door-leaf fixing, pull side according to manufacturer specifications (standard installation) Frame fixing, push side
<b>Size :</b>	3
<b>Classification :</b>	4 8 3 1 1 0 Door-leaf fixing, pull side according to manufacturer specifications 3 8 3 1 1 0 Frame fixing, push side
<b>Manufacturing plant :</b>	DO 2.20
<b>Remarks :</b>	optionally with 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	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 GR 400 B EN 3 GR 400 B EN 3 BC 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 Passed Not applicable  Not applicable Passed (Size 3) Not applicable Not applicable Not applicable Class 1: Passed
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	Class 8 (500 000 Cycles): Passed Class 0: No requirement Class 0: No requirement Class 0: No requirement
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

# Materialprüfungsamt Nordrhein-Westfalen

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<b>Type :</b>	„GR 400 G EN 3 (BC)“
<b>Description :</b>	Overhead door closer with hydraulic damping, adjustable 2 <sup>nd</sup> closing area and optional adjustable back check (BC).
<b>Arm system :</b>	Slide channel arm assembly
<b>Installation :</b>	Frame fixing, pull side according to manufacturer specifications (standard installation) Door-leaf, push side
<b>Size :</b>	3
<b>Classification :</b>	4 8 3 1 1 0 Frame fixing, pull side according to manufacturer specifications 3 8 3 1 1 0 Door-leaf fixing, push side
<b>Manufacturing plant :</b>	DO 2.20
<b>Remarks :</b>	optionally with 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	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 Frame fixing, pull side Door-leaf 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 GR 400 G EN 3 GR 400 G EN 3 BC 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 Passed Not applicable Not applicable Passed (Size 3) Not applicable Not applicable Not applicable Class 1: Passed
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	Class 8 (500 000 Cycles): Passed Class 0: No requirement Class 0: No requirement Class 0: No requirement
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

# Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

<b>Type :</b>	„GR 450 B EN 3 BC/DC“
<b>Description :</b>	Overhead door closer with hydraulic damping, adjustable 2 <sup>nd</sup> closing area, optional adjustable back check (BC) and adjustable delayed action (DC).
<b>Arm system :</b>	Slide channel arm assembly
<b>Installation :</b>	Door-leaf fixing, pull side according to manufacturer specifications (standard installation) Frame fixing, push side
<b>Size :</b>	3
<b>Classification :</b>	4 8 3 1 1 0 Door-leaf fixing, pull side according to manufacturer specifications 3 8 3 1 1 0 Frame fixing, push side
<b>Manufacturing plant :</b>	DO 2.20
<b>Remarks :</b>	optionally with 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	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 Passed Not applicable Passed (Size 3) Passed Not applicable Not applicable Class 1: Passed
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	Class 8 (500 000 Cycles): Passed Class 0: No requirement Class 0: No requirement Class 0: No requirement
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

# Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

<b>Type :</b>	„GR 450 G EN 3 BC/DC“
<b>Description :</b>	Overhead door closer with hydraulic damping, adjustable 2 <sup>nd</sup> closing area, optional adjustable back check (BC) and adjustable delayed action (DC).
<b>Arm system :</b>	Slide channel arm assembly
<b>Installation :</b>	Frame fixing, pull side according to manufacturer specifications (standard installation) Door-leaf, push side
<b>Size :</b>	3
<b>Classification :</b>	4 8 3 1 1 0 Frame fixing, pull side according to manufacturer specifications 3 8 3 1 1 0 Door-leaf fixing, push side
<b>Manufacturing plant :</b>	DO 2.20
<b>Remarks :</b>	optionally with 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	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 Frame fixing, pull side Door-leaf 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 Passed Not applicable Passed (Size 3) Passed Not applicable Not applicable Class 1: Passed
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	Class 8 (500 000 Cycles): Passed Class 0: No requirement Class 0: No requirement Class 0: No requirement
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

# Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

<b>Type :</b>	„GR 500 B EN 3-5 (DC)“
<b>Description :</b>	Overhead door closer with hydraulic damping, adjustable 2 <sup>nd</sup> closing area, optional adjustable back check (BC) and adjustable delayed action (DC).
<b>Arm system :</b>	Slide channel arm assembly
<b>Installation :</b>	Door-leaf fixing, pull side according to manufacturer specifications (standard installation) Frame fixing, push side
<b>Size :</b>	3-5
<b>Classification :</b>	4 8 3-5 1 1 0 Door-leaf fixing, pull side according to manufacturer specifications 3 8 3-5 1 1 0 Frame fixing, push side
<b>Manufacturing plant :</b>	DO 2.20
<b>Remarks :</b>	optionally with 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	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 GR 500 B EN 3-5 GR 500 B EN 3-5 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 3-5) Passed (Size 3-5) Passed (Size 3-5) Passed (Size 3-5) Passed (Class 4) Passed (Class 3) Passed (Size 3-5) Passed (Size 3-5) Passed Passed Not applicable Passed (Size 3-5) Not applicable Passed Passed (Size 3-5) Not applicable Class 1: Passed
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	Class 8 (500 000 Cycles): Passed Class 0: No requirement Class 0: No requirement Class 0: No requirement
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

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<b>Type :</b>	„GR 500 G EN 3-5 (DC)“
<b>Description :</b>	Overhead door closer with hydraulic damping, adjustable 2 <sup>nd</sup> closing area, optional adjustable back check (BC) and adjustable delayed action (DC).
<b>Arm system :</b>	Slide channel arm assembly
<b>Installation :</b>	Frame fixing, pull side according to manufacturer specifications (standard installation) Door-leaf fixing, push side
<b>Size :</b>	3-5
<b>Classification :</b>	4 8 3-5 1 1 0 Frame fixing, pull side according to manufacturer specifications 3 8 3-5 1 1 0 Door-leaf fixing, push side
<b>Manufacturing plant :</b>	DO 2.20
<b>Remarks :</b>	optionally with 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	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 Frame fixing, pull side Door-leaf 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 GR 500 G EN 3-5 BC GR 500 G EN 3-5 BC/DC 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 3-5) Passed (Size 3-5) Passed (Size 3-5) Passed (Size 3-5) Passed (Class 4) Passed (Class 3) Passed (Size 3-5) Passed (Size 3-5) Passed Passed Not applicable Passed (Size 3-5) Not applicable Passed Passed (Size 3-5) Not applicable Class 1: Passed
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	Class 8 (500 000 Cycles): Passed Class 0: No requirement Class 0: No requirement Class 0: No requirement
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.