

Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren

Certificate of constancy of performance**0432-CPR-00026-93**

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 GROOM GR 3400
and GROOM GR 3500**

Controlled door closing devices for single and doubleleaf swing 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 18.07.2018 and will remain valid until 18.07.2023 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 18.07.2018



By order


Kleff

Deputy 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.

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Products

Type :	„GROOM GR 3400 B EN 3-4 (BC)“
Description :	overhead doorcloser with hydraulic damping, adjustable latch and optional adjustable back check (BC).
Arm system :	slide channel arm (assembly)
Mounting :	Door-leaf fixing, pull side (standard installation) Frame fixing, push side
Size :	3 - 4
Classification / mounting :	4 8 3-4 1 1 4 Door-leaf fixing, pull side (standard installation) 3 8 3-4 1 1 4 Frame fixing, push side
Manufacturing plant :	DO 2.20
Remarks:	with optional mounting plate

Intended use:

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

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 3-4) passed (Size 3-4) passed (Size 3-4) passed (Size 3-4) passed (Class 4) passed (Class 3) passed (Size 3-4) passed (Size 3-4) 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.

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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 3 (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 :	„GROOM GR 3500 B EN 3-5 BC“
Description :	overhead doorcloser with hydraulic damping, adjustable latch and adjustable back check.
Arm system :	slide channel arm (assembly)
Mounting :	Door-leaf fixing, pull side (standard installation) Frame fixing, push side
Size :	3 - 5
Classification / mounting :	4 8 3-5 1 1 4 Door-leaf fixing, pull side (standard installation) 3 8 3-5 1 1 4 Frame fixing, push side
Manufacturing plant :	DO 2.20
Remarks:	with optional mounting plate

Intended use:

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

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 3-5) 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 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
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