

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-241126-01

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(s)

**Product(s):** Building hardware - Controlled door closing devices - Requirements and test methods (refer to attached appendix for details and conditions)  
**Placed on the market under the name or trade mark of:** Shandong Hanrui Hardware Co., Ltd.  
Bldg 10-116, No.10 Jingshan Road, Zhifu District, Yantai City, Shandong Province, China  
**and produced in the manufacturing plant(s):** SG-15462  
**Intended use:** On fire and smoke compartmentation doors (to fulfil the self-closing requirements of such doors)

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 performances set out in this certificate are applied and that the performance of the construction product fulfils all the prescribed requirements for these performances

This certificate was first issued on **2024-12-06** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performances of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body



*The issued document and statement(s) herein makes reference only to a presumption of conformity in accordance with the CPR Regulations EU 305/2011 (as amended). However, it is the manufacturer's or their authorised representative's sole responsibility to affix the CE logo and, by doing so, confirms full compliance and conformity to all other European mandatory directives and regulations that may also apply.*

**Signature:**

**Date:** 2024-12-06

121544

**Issue:** 01

**Name:** Dipl.-Ing. Roland Heine

**Position:** Certification Manager

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## APPENDIX TO: Certificate of Constancy of Performance

Brand: **DIROCK**  
Model Ref: **2025BC**

**Table A1. Mechanical test report(s) and product classification for Door Closer from Shandong Hanrui Hardware Co., Ltd. <sup>b</sup>**

Mechanical test reports	Model Tested	Product Classification					
180731014SHF-BP-1R1	2025BC	3	8	5 2	1 <sup>a</sup>	1	3
<b>Evaluated function:</b> Standard arm installation, Selectable Power Size 2 to 5, with speed control and latch control, Backcheck							

**Table A2. Fire test report(s) for Door Closer from Shandong Hanrui Hardware Co., Ltd. <sup>b</sup>**

Fire test reports	Model tested	Test Method	Fire resistance (Minutes)	
			E-Integrity	I-Insulation
170913006SHF-BP-2R2	2025BC	EN 1634-1:2014+A1:2018	65	65

Note:

- a. Digit 4 grade "1" was based on the test result from fire resistance test (refer to Table A2).
- b. The door closer shall be installed in accordance with the installation instructions for the product(s).

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Table A4. Annex ZA Table ZA.1 Clauses for Door Closer for Shandong Hanrui Hardware Co., Ltd.

Product:	Controlled door closing devices	
Intended Uses:	On fire and smoke compartmentation doors (to fulfil the self-closing requirements of such doors) -Standard arm installation	
Requirement / characteristic	Requirement clauses in this European Standard	Results
Ability to release (for doors on escape routes)	General (5.2.1)	Grade 3 (closing doors from at least 105° open)
	Closing moment (5.2.3)	Power size 2 to 5
	Opening moment (5.2.4)	Power size 2 to 5
	Efficiency (5.2.5)	Power size 2: More than 50% Power size 3: More than 55% Power size 4: More than 60% Power size 5: More than 65%
	Closing time (5.2.6)	Pass
	Angles of operation (5.2.7)	Grade 3, 105°
	Overload performance (5.2.8)	Pass
	Temperature dependence (5.2.9)	Pass ( -15°C to +40°C)
	Fluid leakage (5.2.10)	Pass
	Damage (5.2.11)	Pass
	Latch control (5.2.12)	Pass
	Backcheck (5.2.13)	Pass
	Delayed closing (5.2.14)	Not applicable
	Adjustable closing force (5.2.15)	Pass
	Zero position (5.2.16)	Not applicable
	Fire/smoke door suitability (5.2.18), Annex A	Grade 1, Suitable for use on fire/smoke doors (refer to Table A2).
	Durability (5.2.2)	500,000 test cycles
	Corrosion resistance (5.2.2 5.2.17.1, 5.2.17.2)	Grade 3, Neutral Salt Spray (NSS) for 96 hours
	See Clause ZA.3	No dangerous substances declared for this product/intended use

END OF DOCUMENT

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