

Certificate of Constasy of Performance

0359-CPR-000552

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation), this certificate applies to the construction product(s).

Product(s): **Controlled door closing devices**
(refer to attached appendix for details and conditions)

Placed on the market under the trade mark of: **Ryobi Limited.,**
5-2-8, Toshima Kitaku, Tokyo, 114-8518, **JAPAN.**

Produced in the manufacturing plant(s): **A025**

Intended use: **On fire and smoke compartmentation doors** (to fulfil the self-closing requirement 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 performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

This certificate was first issued on 5th June 2017 under CPR (305/2011) and will remain valid 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

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.



0359

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David Bigland

Date	5 June-2017
Issue	01

Certification Manager

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex,
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Appendix to Certificate of Constancy of Performance 0359-CPR-000552

Model Ref: **Ryobi D-1200**

Table A1. Mechanical test reports & Product classification for Door Closer from Ryobi Limited.

Test Report	Model tested	Product Classification					
		4	8	4 3	1 ^a	1	3
170426076GZU-001	D-1200						
Evaluated function	Standard installation, Selectable Power size 3, 4, Latch control, Backcheck.						
Model numbers assessed as having similar performance: Not applicable Power size changed by reversing arm shoe.							

Table A2. Fire test report(s) for Door Closer from Ryobi Limited. ^{b,c}

Test Report	Model tested	Test Method	Fire resistance (minutes)	
			E - Integrity	I - Insulation
170426002SHF-BP-1R1	D-1200	EN 1634-1:2014	120	NPD
Model numbers assessed as having similar performance as model:		Not applicable		

Notes.

- 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).
- c. This certificate of constancy of performance, refers to the requirements for the product(s) described under the CPR. There may be other European Directives, where requirements need to be declared before CE marking can be affixed by the manufacturer or their authorised representative.

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Table A3. EN 1154 Annex ZA Related Information for Door Closer from Ryobi Limited.

Product:	Ryobi D-1200	
Intended use:	On fire and smoke compartmentation doors (to fulfil the self-closing requirements of such doors) – Standard installation	
Requirement/characteristic	Standard clause	Result Summary
Self-closing	General (5.2.1)	Grade 4 (closing doors from 180° open)
	Closing moment (5.2.3)	Power size 3, 4
	Opening moment (5.2.4)	Power size 3, 4
	Efficiency (5.2.5)	Power size 3: More than 55%
		Power size 4: More than 60%
	Closing time (5.2.6)	Pass
	Angles of operation (5.2.7)	Grade 4, 180°
	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)	NPD (No Performance Determined)
	Adjustable closing force (5.2.15)	Power size 3, 4 changed by reversing arm shoe
Zero position (5.2.16)	NPD	
Fire/smoke door suitability (5.2.18), Annex A	Grade 1, Suitable for use on fire/smoke doors (refer to Table A2)	
Durability of self-closing	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
Dangerous substances	See Clause ZA.3	No dangerous substances declared for this product/ intended use

END OF DOCUMENT

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