

Declaration of Performance

DoP1006

- 1. Identification code of the product type**
Controlled door closing devices (door closers)
- 2. Type number**
DC 860 EN1-5 Concealed door closer with sliding arm
- 3. Intended use**
On fire and smoke compartmentation doors
(to fulfill the self-closing requirement of such doors)
- 4. Manufacturer**
Abloy oy
Wahlforssinkatu 20
80100 Joensuu
Finland
- 5. System of assessment and verification system 1 of constancy of performance**
System 1
- 6. The construction product is covered by a harmonized standard**

Notified Body	Harmonized Standard	CE Certificate / Certification Date
MPA NRW Materialprüfungsamt Nordrhein-Westfalen Marsbruchstraße 186 44287 Dortmund-Aplerbeck Germany	EN1154:1996/A1:2002/AC:2006	0432-CPR-00008-03 30/11/2015

7. Declared performance

Classification acc. to EN1154:1996/A1:2002/AC:2006

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Essential Characteristics	Performance	Harmonized Technical Specification
Self-closing		EN1154:1996/A1:2002/AC:2006
5.2.1. General		
5.2.3. Closing moment	Pass size 1 to 5	
5.2.4 Opening moment	Pass size 1 to 5	
5.2.5 Efficiency	>50% size 1 >65% size 5	
5.2.6 Closing time	T<3s or T>20s. Variation OK after 500000 cycles	
5.2.7 Angles of operation	Grade 3: for closing doors from 105° open	
5.2.8 Overload performance	Withstands the closing overload tests	
5.2.9 Temperature dependence	Closing time at 40°C and -15°C: ≥3s and ≤25s	
5.2.10 Fluid leakage	None throughout the test	
5.2.11 Damage	None throughout the test	
5.2.12 Latch Control	Variable between 15° - 0°	
5.2.13 Back check	NPD	
5.2.14 Delayed closing	NPD	
5.2.15 Adjustable closing force	EN1-5	
5.2.16 Zero position	NPD	
5.2.18 Fire/Smoke door suitability	Grade 1: suitable for use on fire/smoke doors (≥EN3)	
Durability of self-closing		

5.2.2. Durability	Grade 8: 500 000 test cycles	
5.2.17.1 Corrosion resistance	Grade 2: moderate resistance (48h)	
5.2.17.2 Corrosion resistance	The closing moment is >80% of the value measured prior to the salt spray test	
Dangerous Substances	The materials used in this product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.	

8. Declaration of performance

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer.

Antti Piitulainen Vice President, Door Control

Place: Joensuu

Date: 15/11/2018



(signature)