

# Declaration of Performance

## DoP1007

**1. Identification code of the product type**

Controlled door closing devices (door closers)

**2. Type number**

DC 250 EN1-6 Overhead 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

DC250	3	8	1/6	1	1	3
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Essential Characteristics	Performance	Harmonized Technical Specification
<b>Self-closing</b>		EN1154:1996/A1:2002/AC:2006
5.2.1. General		
5.2.3. Closing moment	Pass size 1 to 6	
5.2.4 Opening moment	Pass size 1 to 6	
5.2.5 Efficiency	>50% size 1 >65% size 6	
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	Variable above 75°	
5.2.14 Delayed closing	NPD	
5.2.15 Adjustable closing force	EN1-6	
5.2.16 Zero position	NPD	
5.2.18 Fire/Smoke door suitability	Grade 1: suitable for use on fire/smoke doors (≥EN3)	
<b>Durability of self-closing</b>		
5.2.2. Durability	Grade 8: 500 000 test cycles	

5.2.17.1 Corrosion resistance	Grade 3: high resistance (96h)	
5.2.17.2 Corrosion resistance	The closing moment is >80% of the value measured prior to the salt spray test	
<b>Dangerous Substances</b>	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)