

Declaration of Performance

DoP1003

1. Identification code of the product type

Controlled door closing devices (door closers)

2. Type number

DC 240 EN2-6 Overhead door closer with standard arm

DC 240 EN1-4 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

DC240 standard arm	4	8	2/6	1	1	3
DC240 sliding arm	4	8	1/4	1	1	3

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 2 to 6 (standard arm) Pass size 1 to 4 (sliding arm)	
5.2.4 Opening moment	Pass size 2 to 6 (standard arm) Pass size 1 to 4 (sliding arm)	
5.2.5 Efficiency	>50% size 2 (standard arm) >65% size 6 (standard arm) >50% size 1 (sliding arm) >60% size 4 (sliding arm)	
5.2.6 Closing time	T<3s or T>20s. Variation OK after 500000 cycles	
5.2.7 Angles of operation	Grade 4: for closing doors from 180° 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	EN2-6 (standard arm) EN1-4 (sliding arm)	
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 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	
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)