



## Declaration of Performance

Number: DC004

1. Unique identification code of the product-type:

Yale 5500 Series Overhead Door Closer

2. Type, batch or serial number:

30-5500-0001-50-11, 30-5500-0001-55-11, 30-5500-0001-60-11,  
30-5500-0001-65-11, 30-5500-0001-75-11, 30-5500-0003-50-11,  
30-5500-0003-55-11, 30-5500-0003-60-11, 30-5500-0003-65-11,  
30-5500-0003-75-11.

3. Intended Use:

On Fire and Smoke Compartmentation single leaf and double leaf doors

4. Manufacturer:

ABLOY OY, P.O. Box 108, Wahlforssinkantu, 20 - 80101 Joensuu FINLAND

5. System or systems of assessment and verification of constancy of perform:

System 1

6. The construction product is covered by a harmonised standard:

Notified Body	Harmonised Standard	CE Certification (Date)
Element Materials Technology Rotterdam B.V. Zekeringstraat 33, Amsterdam, Netherlands	EN1154:1996/A1:2002/AC:2006	2812-CPR- AD5499 (16/04/2021)

7. Declaration of Performance (Standard & transom mount pull side fixing positions):

Essential Characteristics	Performance	Harmonised Technical Specification
5.2.1 General Self Closing		EN1154: 1996/A1:2002/AC: 2006
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Pass size 2 to 5	
5.2.4 Opening moment	Pass size 2 to 5	



5.2.5 Efficiency	>50% size 2 >65% size 5	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 3 > 105°	
5.2.8 Overload performance	Pass	
5.2.9 Temperature dependence	-15° to + 40°	
5.2.10 Fluid leakage	Pass	
5.2.11 Damage	Pass	
5.2.12 Latch Control	Pass	
5.2.13 Back Check (optional)	Pass	
5.2.14 Delayed closing (optional)	NPD	
5.2.15 Adjustable closing force	Pass	
5.2.16 Zero position (Double action door closers only)	NPD	
5.2.18 Fire/Smoke door suitability	Pass	
Essential characteristics	Performance	Harmonised technical specification
Durability of Self Closing		EN1154: 1996/A1:2002/AC: 2006
5.2.2 Durability	500,000 test cycles	
5.2.17.1 corrosion	Grade 3 (96 hours)	
5.2.17.1 corrosion	Pass	
Dangerous Substances Annex ZA3	Pass: the materials in the door closer do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.	

(Parallel Arm Application):

Essential Characteristics	Performance	Harmonised Technical Specification
5.2.1 General Self Closing		EN1154: 1996/A1:2002/AC: 2006
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Pass size 3	
5.2.4 Opening moment	Pass size 3	
5.2.5 Efficiency	>55% size 3	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 3 > 105°	
5.2.8 Overload performance	Pass	
5.2.9 Temperature	-15° to + 40°	



dependence		
5.2.10 Fluid leakage	Pass	
5.2.11 Damage	Pass	
5.2.12 Latch Control	NPD	
5.2.13 Back Check (optional)	NPD	
5.2.14 Delayed closing (optional)	NPD	
5.2.15 Adjustable closing force	NPD	
5.2.16 Zero position (Double action door closers only)	NPD	
5.2.18 Fire/Smoke door suitability	Pass	
Essential characteristics	Performance	Harmonised technical specification
Durability of Self Closing		EN1154: 1996/A1:2002/AC: 2006
5.2.2 Durability	500,000 test cycles	
5.2.17.1 corrosion	Grade 3 (96 hours)	
5.2.17.1 corrosion	Pass	
Dangerous Substances Annex ZA3	Pass: the materials in the door closer do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.	

#### 1. 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.

Name & Function: Antti Piitulainen, Product Unit Director, EMEA Door Closer Product Unit

Place & Date of Issue:  
Joensuu  
19.4.2021

Signature: