

Nr.: DoP-DC300.02

**1. Unique identification code of the product-type:**

Controlled door closing devices according to EN 1154:1996/A1:2002/AC:2006  
Door closer Model DC300 in all variants

**2. Intended use/es:**

Door closer for smoke and fire doors according to EN 1154:1996/A1:2002/AC:2006

**3. Manufacturer:**

ASSA ABLOY  
Sicherheitstechnik GmbH  
Bildstockstraße 20  
72458 Albstadt  
DEUTSCHLAND

**4. Authorised representative:**

N.N

**5. System/s of AVCP:**

System 1 according to EN 1154:1996/A1:2002/AC:2006

**6.a Harmonised standard:**

Notified body	Harmonised standard	Certificat of Constancy of performance
Warrington Certification Limited, Holmesfield Road, Warrington, Cheshire, WA1 2D2, UK (Notified body No. 1121)	EN 1154:1996 A1:2002/AC2006	1121-CPR-AD5246 (Date 18.04.2016)

The product is covered by other EC-directives:

N.N

**6.b European Assessment Document:**

N.N

## 7. Declared performance/s:

Declared performance in accordance with EN 1154:1996/A1:2002/AC:2006

Key features	Section of the standard	Performance	Harmonized standard
Permanent function (self-closing)	5.2.2	Pass	EN 1154:1996/ A1:2002/AC2006
Closing torque (self-closing)	5.2.3	Pass	
Opening torque (self-closing)	5.2.4	Pass	
Efficiency (self-closing)	5.2.5	Pass	
Closing time (self-closing)	5.2.6	Pass	
Opening angle (self-closing)	5.2.7	Pass	
Overload behavior (self-closing)	5.2.8	Pass	
Temperature dependence (self-closing)	5.2.9.	Pass	
Fluid discharge (self-closing)	5.2.10	Pass	
Damage (self-closing)	5.2.11	Pass	
Latching speed regulation (self-closing)	5.2.12	Pass	
Backcheck (self-closing)	5.2.13	Pass	
Delayed closing (self-closing)	5.2.14	NPD	
Adjustable closing force (self-closing)	5.2.15	Pass	
Play in the zero position (self-closing)	5.2.16	NPD	
Corrosion resistance	5.2.17	Pass	
Suitability for fire and smoke protection doors	5.2.18	Pass	
Check for hazardous substances		The materials used in this building product do not contain any hazardous substances and do not exceed any limit values defined in European standards or national regulations.	

Classification key in accordance with EN 1154:1996/A1:2002/AC:2006

Position	1	2	3	4	5	6	7	8	9	10	11
Section	4.2	4.3	4.4	4.5	4.6	4.7					
Class	3	8	3/6	1	1	4					

Item	Key features	Class – performance
1	Application class	Closing of doors irrespective of the opening angle 3 – $\geq 105$ degrees 4 – = 180 degrees
2	Durability	8 – 500,000 test cycles

3	Door closer size	<table border="1"> <thead> <tr> <th rowspan="2">Class</th> <th rowspan="2">Door leaf thickness [mm]</th> <th rowspan="2">Door leaf weight [kg]</th> <th colspan="4">Closing torques [Nm]</th> <th rowspan="2">Opening torques max. Between 0 – 60 degrees</th> <th rowspan="2">Efficiency [%] min Between 0 – 4 degrees</th> </tr> <tr> <th>Between 0 - 4 degrees min.</th> <th>Between 0 - 4 degrees max.</th> <th>Between 88 - 92 degrees min.</th> <th>Any other angle</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>950</td> <td>60</td> <td>18</td> <td>26</td> <td>6</td> <td>4</td> <td>47</td> <td>55</td> </tr> <tr> <td>4</td> <td>1100</td> <td>80</td> <td>26</td> <td>37</td> <td>9</td> <td>6</td> <td>62</td> <td>60</td> </tr> <tr> <td>5</td> <td>1250</td> <td>100</td> <td>37</td> <td>54</td> <td>12</td> <td>8</td> <td>83</td> <td>65</td> </tr> <tr> <td>6</td> <td>1400</td> <td>120</td> <td>54</td> <td>87</td> <td>18</td> <td>11</td> <td>134</td> <td>65</td> </tr> <tr> <td>7</td> <td>1600</td> <td>160</td> <td>87</td> <td>140</td> <td>29</td> <td>18</td> <td>215</td> <td>65</td> </tr> </tbody> </table>	Class	Door leaf thickness [mm]	Door leaf weight [kg]	Closing torques [Nm]				Opening torques max. Between 0 – 60 degrees	Efficiency [%] min Between 0 – 4 degrees	Between 0 - 4 degrees min.	Between 0 - 4 degrees max.	Between 88 - 92 degrees min.	Any other angle	3	950	60	18	26	6	4	47	55	4	1100	80	26	37	9	6	62	60	5	1250	100	37	54	12	8	83	65	6	1400	120	54	87	18	11	134	65	7	1600	160	87	140	29	18	215	65
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## 8. Appropriate Technical Documentation and/or Specific Technical Documentation:

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Stephan Fischbach, Managing Director

at Albstadt

on 02.05.2016



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