



ISTITUTO
GIORDANO

CE NOTIFIED BODY No. 0407

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0407-CPR-1225 (IG-153-2016)

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction products

SINGLE-AXIS HINGES FOR FIRE-RESISTANT DOORS AND DOORS ON ESCAPE ROUTES

classified as shown overleaf (Annex)

placed on the market by

DORMA DEUTSCHLAND GMBH

Dorma Platz, 1 - 58256 ENNEPETAL - Deutschland

and produced in the manufacturing plant

No. 25

This certificate attests that all provisions concerning the assessment and verification of constancy of performance at system 1 and the performances described in Annex ZA of the standard

UNI EN 1935:2004

are applied and that

the products fulfill all the prescribed requirements.

This certificate was first issued on 03/08/2016 and will remain valid as long as the harmonised standard remains or the manufacturing conditions in the plant or the factory production control itself are not modified significantly.

Bellaria-Igea Marina - Italia, 03/08/2016

Revision No. 0

CPD Department Technical Manager

(Dott. Ing. Giuseppe Persano Adorno)

Chief Executive Officer

(Dott. Arch. Sara Lorenza Giordano)

The original of this document consists of an electronic document with a digital signature affixed pursuant to DPR (Presidential Decree) 513/97.

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ANNEX TO CERTIFICATE

0407-CPR-1225 (IG-153-2016)

Bellaria-Igea Marina - Italia, 03/08/2016

Revision No. 0 dated 03/08/2016

Classification (*)

With reference to the tests performed, the results obtained and according to what indicated in the UNI EN 1935:2004 standard, the test sample, consisting of hinges with two/three flats made of steel, called "3090F" of "DORMA DEUTSCHLAND GMBH - Dorma Platz, 1 - 58256 ENNEPETAL - Deutschland", can be classified in accordance with the following coding system of table 1 of UNI EN 1935:2004:

4	7	6	1	1	4	1	13
1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th

where the meaning of each digit is described in the table below.

Digit	Characteristic	Reference grades	
1 st	Category of use	- grade 1: Light duty - grade 2: Medium duty	- grade 3: Heavy duty - grade 4: Severe duty
2 nd	Durability	- grade 3: 10000 test cycles on window - grade 4: 25000 test cycles on window	- grade 4: 25000 test cycles on door - grade 7: 200000 test cycles on door
3 rd	Test door mass	- grade 0: 10 kg - grade 1: 20 kg	- grade 2: 40 kg - grade 3: 60 kg - grade 4: 80 kg - grade 5: 100 kg - grade 6: 120 kg - grade 7: 160 kg
4 th	Suitability for use on fire and/or smoke resistant doors	- grade 0: not approved for use on fire and/or smoke resistant doors - grade 1: suitable for use on fire and/or smoke resistant doors subject to satisfactory assessment of the contribution of the hinges	
5 th	Safety	- grade 1: all hinges shall comply with the safety in use essential requirement	
6 th	Corrosion resistance	- grade 0: no defined corrosion resistance - grade 1: low corrosion resistance - grade 2: moderate corrosion resistance - grade 3: high corrosion resistance - grade 4: very high corrosion resistance	
7 th	Security - Burglar - resistance	- grade 0: not suitable for use on burglar-resistant door assemblies - grade 1: suitable for use on burglar-resistant door assemblies, subject to satisfactory assessment of the contribution of the hinges	
8 th	Hinge grade	grades from 1 to 14 where 1 is the lowest one	

(*) On the basis of the following test reports:

- No. 332002/9807/CPR issued in date 09/03/2016 by Istituto Giordano S.p.A.;
- No 330874 issued in date 26/01/2016 by Istituto Giordano S.p.A..