

Notified Body No. 2812

Certificate of Constancy of Performance

2812-CPR-AC10552

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 product:

Grade 13 Stainless Steel 2 Ball Bearing Hinges See Annex A

Intended use: For use on fire/smoke compartmentation doors, and escape route doors

Essential characteristics	Performance	Harmonised technical specification
Mechanical test evidence: WIL 382866 & WIL 382866-1 Fire test evidence: WF 383016 & WF 386189 iss.2		
Self-closing Initial friction torque (door mass 120kg) Static load Load deformation Overload Shear strength Hinges for use on fire-resistant and/or smoke-controls doors	$< 4\text{Nm}$ Passed with a displacement under load: - lateral $< 2\text{mm}$ - vertical $< 4\text{mm}$ and a residual displacement after unloading: - lateral $< 0.6\text{mm}$ - vertical $< 0.3\text{mm}$ - within the shaded area of figure G.1 Passed Passed with a lateral and vertical displacement after unloading $< 3\text{mm}$ Grade 1: suitable for use on fire/smoke resistant door assemblies	EN 1935:2002 / AC:2003
Durability Families of hinges with common design features Corrosion resistance	Passed a 200,000 cycle test with a maximum wear: - lateral $< 0.5\text{mm}$ - vertical $< 1\text{mm}$ and with a maximum frictional torque. - after 20 cycles $< 4\text{Nm}$ - after the completion of 200,000 cycles $< 4\text{Nm}$ The hinges covered by this certificate are listed in Annex A Grade 4: 240 hours	
Dangerous substances	Pass: the materials in the hinge 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)	

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Placed on the Market under the Name of:

Allegion Safety & Security Solutions Limited

Orbital 60

Dumers Lane

Bury

BL9 9UE

United Kingdom

and produced in the manufacturing plant:

E018761-14

This is coded format, and the information is held by the Notified Body.

This certificate attests that all provisions concerning the Assessment and Verification of Constancy of Performance described in Annex ZA of the standard(s):

EN 1935:2002 / AC:2003

Under System 1 for the performance set out in this certificate are applied and that the Factory Production Control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on **17/10/2025** and revised **18/06/2026** and will remain valid as long as neither the harmonised standard, the Construction Product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, or unless suspended or withdrawn by the Notified Product Certification Body.

Valid to: **12/11/2026**

ERO Project Reference: **ERO 034621 P3355**



Paul Duggan
Certification Manager

CSF408-NL 8.0

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Annex A

UAP Model No.	Description
IH-HINGE-SS201-FIRE	102 x 76 x 3mm Grade 201 stainless steel hinge Square corners
IH-HINGE-3043.5-2BB	102 x 89 x 3mm Grade 201 stainless steel hinge Square corners
IH-HINGE-3044-2BB	102 x 102 x 3mm Grade 201 stainless steel hinge Square corners
IH-HINGE-3053-2BB	127 x 76 x 3mm Grade 201 stainless steel hinge Square corners
IH-HINGE-3053.5-2BB	127 x 89 x 3mm Grade 201 stainless steel hinge Square corners
IH-HINGE-3054-2BB	127 x 102 x 3mm Grade 201 stainless steel hinge Square corners

Hinges available in the following finishes:

PSS Polished stainless steel

SSS Satin stainless steel

PVD PVD polished brass