

UL-EU CERTIFICATE

Certificate No.
UL-EU-01340-EN

Issue date
19-06-2025

Issue No.
1

Re-Issue date
N/A

Expiry date
19-06-2035
(10 Years)



4705

Certificate Holder:
Carlisle Brass Limited

Address:
Parkhouse Road, Carlisle, UK

Product:
Single Axis Hinges

Places of production:
K003

Standard:
EN 1935: 2002

Authorised Signatory:

A handwritten signature in blue ink, appearing to read 'Chris Johnson'.

Chris Johnson

Issued by UL International (UK) Ltd

This is to certify that representative samples of the Certified Product listed above have been investigated by Underwriters Laboratories to the Standard(s) indicated on this Certificate, in accordance with the UL Global Services Agreement and the UL-EU Mark Service Terms and Conditions ("Agreement"). The Certificate Holder is entitled to use the UL-EU Mark for the Certified Product listed on the certificate and manufactured at the production site(s) listed, in accordance with the terms of the Agreement. Only those products bearing the UL-EU Mark for Europe should be considered as being covered by UL's UL-EU Mark Service. This Certificate shall remain valid through the Expiration date, unless a Standard identified on this Certificate is amended or withdrawn prior to that date or there is a non-compliance with the Agreement.



Appendix UL-EU CERTIFICATE UL-EU-01340-EN

This certificate relates to the use on doors in escape routes with requirements for fire resistance and smoke control. Full scope below shows the specific door construction types these devices are suitable for and the covered fire resistance ratings.

The product is certificated on the basis of:

- i) Testing and/or evaluation of mechanical performance to EN 1935:2002.
- ii) Testing and/or evaluation of fire resistance test data in accordance with EN 1634-1:2014+A1:2018.
- iii) Ongoing Inspection and surveillance of factory production control by UL.



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Economic Operators:

Manufacturer: Carlisle Brass Limited

Manufacturer Address: Parkhouse Road, Carlisle, UK

Classification Summary:

Summary of test and extended application evidence, where relevant, designed to facilitate the interchangeability of building hardware for application to fire resisting and/or smoke control doorsets and/or openable windows tested to EN 1634-1: 2014 + A1: 2018.

Models	Timber Doorset			
	EI 30	EI 60	EI 90	EI 120
CEN1433/13	✓	✓		
H2N1424	✓	✓		
H2N1435	✓	✓		
H2N1446	✓	✓		
HIN14325/13	✓	✓		
HIN1433HT/13	✓	✓		
HIN1433P/13	✓	✓		
HIN1433SEC/13	✓	✓		
SCH14325/13	✓	✓		
HIN1322/7	✓			
HIN13225/11	✓			
HIN14252/11	✓			

The product classifications in accordance with EN 1935:2002 are shown in the tables below:

CEN1433/13	4	7	6	1	1	4	0	13
UL Internal reference	X-1							
Type	Ball Bearing Hinge							

H2N1424	4	7	6	1	1	4	0	13
UL Internal reference	X-5							
Type	Parliament Hinge							

H2N1435	4	7	6	1	1	4	0	13
UL Internal reference	X-6							
Type	Parliament Hinge							

H2N1446	4	7	6	1	1	4	0	13
UL Internal reference	X-8							
Type	Parliament Hinge							



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HIN14325/13	4	7	6	1	1	4	0	13
UL Internal reference	X-16							
Type	Ball Bearing Hinge							

HIN1433HT/13	4	7	6	1	1	4	0	13
UL Internal reference	X-17							
Type	Hospital Tip Ball Bearing Hinge							

HIN1433P/13	4	7	6	1	1	4	0	13
UL Internal reference	X-101							
Type	Ball Bearing Hinge							

HIN1433SEC/13	4	7	6	1	1	4	1	13
UL Internal reference	X-18							
Type	Dog Bolt Ball Bearing Hinge							

SCH14325/13	4	7	6	1	1	4	0	13
UL Internal reference	X-19							
Type	Slim Knuckle Ball Bearing Hinge							

HIN1322/7	2	7	2	1	1	3	0	7
UL Internal reference	X-13							
Type	Ball Bearing Hinge							

HIN13225/11	3	7	4	1	1	4	0	11
UL Internal reference	X-14							
Type	Ball Bearing Hinge							

HIN14252/11	3	7	4	1	1	4	0	11
UL Internal reference	X-12							
Type	Ball Bearing Hinge							



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Technical Documentation:

UL Fire Evaluation Report:	4791326939-1
UL Mechanical Evaluation Report:	4791326939-2
Fire Test Reports:	106808 r0
	106809 r0
	106810 r1
	106828 r0
	106829 r0
UL Mechanical Reports:	R4791327018-17
	R4791327018-5
	R4791327018-6
	R4791327018-7
	R4791327018-12
	R4791327018-10
	R4791327018-11
	R4791327018-13
	R4791327018-14
	R4791327018-15
	R4791327018-16

Scope of Application:

1. Surface finishes of satin stainless steel (SSS), physical vapour deposition (PVD) and brushed stainless steel (BSS) are acceptable where the option is available.
2. Radius versions of the hinges are also covered where available.
3. All models listed in this certificate have coverage for timber doorsets up to 30 minutes.
4. Excluding models – HIN1322/7, HIN13225/11 & HIN14252/11, all other models listed in this certificate have coverage for timber doorsets up to 60 minutes.
5. All models are suitable for situations where the fire hazard may be on either side of the fire doorset.
6. Models must be fitted in conjunction with intumescent protection specified in manufacturer's fitting instructions.
7. Timber door applications are subject to minimum door leaf thicknesses of 44mm and 54mm for 30 minutes and 60 minutes applications respectively.

Limitations on the acceptance or use of the product(s):

Installation instructions: To be used in accordance with the supplier's installation instructions, and technical datasheet.

Limitations: See Technical Data sheet

Revision Table:

Version	Project Number	Date	Description
1.0	4791558581	11-06-2025	Initial



Appendix UL-EU CERTIFICATE UL-EU-01340-EN

The UL-EU Mark, as displayed below, shall appear on certified products only. Minimum size is not specified, as long as the Mark is legible. The following is suggested.



The minimum height of the registered trademark symbol ® shall be 1 mm. When the overall diameter of the UL-EU Mark is less than 9.5 mm, the trademark symbol may be omitted if it is not legible to the naked eye.

The UL-EU Mark may appear on a label, nameplate, or may be cast, stamped or molded into the product. When appearing on a label or nameplate, the Manufacturer's name or trademark along with a model number are also required on that same label or nameplate. If cast, stamped or molded, the Manufacturer's name or trademark and model number shall also appear elsewhere on the product.

All content shall be in accordance with the details provided on this UL-EU Certificate.

PROCUREMENT

The Production site may reproduce the Mark or obtain it from a UL authorized supplier. The list of UL authorized suppliers can be found on UL's online directory at www.ul.com.

