

CONSTRUCTION PRODUCTS REGULATION 2011 - DECLARATION OF PERFORMANCE

DoP Number:

H-001

1. Unique identification code of the product-type:

H3501/2/3/4 (3043-2BB) 102x76x3mm 2BB stainless steel ball bearing butt hinge

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

H3501/2/3/4 (3043-2BB) 102x76x3mm 2BB stainless steel ball bearing butt hinge

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

For use on fire and smoke compartmentation doors and escape route doors, when fitted in accordance with the manufacturer's fitting instructions

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Sunlight Building Materials Ironware Limited, No. 70 Songyuan Road, Pengjiang District, Jiangmen, Guangdong Province, China

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard.

EN 1935:2002 Notified product certification body No. 1121 performed the determination of the product type on the basis of type testing (including sampling); initial inspection of the manufacturing plant and of the factory production control and continuous surveillance; assessment and evaluation of factory production control; and issued the certificate of constancy of performance of the product.

8. European Technical Assessment:

N/A

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
	Mechanical Test Evidence: WIL 382866, 382866-1 Fire Test Evidence: WF 383016, 383017 & 386189	
Self-closing Initial friction torque (door mass 120kg) Static load Load deformation	< 4Nm Passed with a displacement under load: -lateral <2 mm -vertical <4 mm and a residual displacement after unloading. -lateral <0.6 mm -vertical <0.3 mm	EN 1935:2002/AC:2003
Overload	Passed	
Shear strength	Passed with a lateral and vertical displacement after unloading < 3 mm	
Hinges for use on fire-resistant and/or smoke-controls doors	Grade 1: suitable for use on fire/smoke resistant door assemblies	
Durability	Passed a 200,000 cycles test with a maximum wear: -lateral <0.5 mm -vertical <1 mm and with a maximum frictional torque. -after 20 cycles <3 Nm -after the completion of 200,000 cycles <3 Nm	EN 1935:2002/AC:2003
Families of hinges with common design features	The hinge covered by this CPR is the hinge tested	
Corrosion resistance	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)	EN 1935:2002/AC:2003

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the importer by:



Mr Christian Webster
Director

Hunta Hardware Limited
01.01.2022

*Copies of certification available upon request