



ASSA ABLOY

Declaration of performance

CONSTRUCTION PRODUCTS REGULATION 2011 DECLARATION OF PERFORMANCE

DoP No:

0056HNGC

Issue No: 1

1. Unique identification code of the product-type:

UNION POWERLOAD HIGH PERFORMANCE BUTT HINGE JH60*

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:

INCLUDES JH601BU, JH602BP, JH603BU variants – SSF FINISH

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

For use on fire/smoke compartmentation 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) of the CPR:

Name: ASSA ABLOY Limited



Address:
School Street
Willenhall
West Midlands
WV13 3PW

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

Name: N/A

Address:

Insert Logo Here:

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 harmonized standard:

Notified Body Details: IFC Certification Ltd - 0757	
Performed: EN 1935:2002	Under System: 1
Issued: 7th August 2008	

8. European Technical Assessment:

N/A

9. Declared Performance:

Essential Characteristics Self-closing	Performance	Harmonised Technical Specification
Initial friction torque with max. door mass 120kg	< 4 Nm with hinge grade 13	
Static load	Pass - lateral displacement under load < 2mm -vertical not < 4mm and a residual displacement after unloading. -lateral ≤ 0.3mm -vertical ≤ 0.2mm	
Overload	Pass - no breakage of any hinge leaf, knuckle, barrel or pin nor any cracking or deformation visible to normal or corrected to the frame	
Shear strength	Pass - lateral and vertical displacement under loading of ≤ 1mm	
Hinges for use on fire-resistant and/or smoke-control doors	Grade 1: suitable for use on fire/smoke resistant door assemblies	
Durability	Grade 7: 200,000 test cycles -lateral wear ≤ 0.3mm -vertical wear ≤ 0.4mm with maximum frictional torque after 20 and after 200 000 test cycles of ≤ 4Nm	
Families of hinges with common design features	The hinges under performance of which is declared in this DoP is equal to the samples which passed the initial type test	
Corrosion	Pass Grade 4: 240 hrs	
Dangerous substances Note 1 of ZA.1	The materials in the products do not contain or release any dangerous substances in excess of max levels specified in any European Standard for the material.	

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 manufacturer by:

Name and Function: David Wigglesworth – Managing Director

Place and Date of Issue: 7th June 2013
ASSA ABLOY Ltd
School Street, Willenhall WV13 3PW

Signature:

A handwritten signature in black ink, appearing to read 'D Wigglesworth', is written over a light blue horizontal line.