



International Door Controls Ltd

Unit 23, Timmis Road, Lye, Stourbridge West Midlands, DY9 7BQ.UK

Construction Products Regulation 2011 (retained EU Law EUR 2011/305) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020

DECLARATION OF PERFORMANCE

DOP Number: 05UK-002-02

1. Unique identification code of the product-type:

M433 Series

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:

Monarch M433 Series 4" x 3" Stainless Steel Ball Bearing Butt Hinge

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 and smoke compartmentation doors, of composite or timber door construction 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):

International Door Controls Ltd.
Unit 23, Timmis Road, Lye, Stourbridge, West Midlands DY9 7BQ

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 harmonized standard:

EN1935:2002/AC:2003
Approved product certification body No.1121 (Warrington Testing and Certification Ltd.), 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;
Issued the **Certificate Of Consistency Of Performance:**
under number **1121-CPR-UK-AC7968,**
First issued on 25/10/2022.

8. European Technical Assessment:

N/A

9. Declared performance

Essential Characteristics Self Closing	Performance	Harmonised Technical Specification
Initial friction torque with max. door mass 120 kg	4NM	EN:1935:2002/AC:2003
Static Load		
Load deformation	Passed with displacement under load: - Lateral not more than 2mm - Vertical not more than 4mm And a residual displacement after unloading: Within allowable limits defined in Annex G	
Overload	Passed with no breakage of any hinge leaf, knuckle, barrel nor any cracking or deformation visible to normal or corrected vision. The hinged test element remained connected to the frame.	
Shear Strength	Passed with lateral deformation not greater than 3mm and additional lateral and vertical displacements after test not exceeding 1mm	
Hinges for use on fire resistant and/or smoke controls doors	Grade 1: Suitable for use on fire/smoke resistant door assemblies	

Essential Characteristics Durability	Performance	Harmonised Technical Specification
Durability	Passed a 200,000 cycle test with a maximum wear within the limits defined in Annex G	EN:1935:2002/AC:2003
Corrosion	Pass Grade 4	
Dangerous Substances Annex ZA3	The materials in the product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards, or any national regulations.	

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:

**D.S. Hart
Technical Director.**

Date of Issue 25/10/2022