



CONSTRUCTION PRODUCTS REGULATION 2011

DECLARATION OF PERFORMANCE

DoP Number :- DPL-H-AC5104

1. Unique identification code of the product-type
MHIN4515100, MIH4517100, MHIN5515100, MHIN5517100, SHIN4515100, SHIN4517100, SHIN5515100,
SHIN5517100, MHIN4519100, MHIN4522100, MHIN5519100, SHIN4519100, SHIN5519100, SHIN4522100,
SHIN552100, MHIN5522100.

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:

MHIN4515100, MIH4517100, MHIN5515100, MHIN5517100, SHIN4515100, SHIN4517100, SHIN5515100,
SHIN5517100, MHIN4519100, MHIN4522100, MHIN5519100, SHIN4519100, SHIN5519100, SHIN4522100,
SHIN552100, MHIN5522100

Mild Steel & Stainless Steel Ball Bearing Hinge - Various Finishes

3. Intended use of 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,
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)

**D. P. Garg & Co. Pvt. Ltd.
B-210B, Phase-2, Noida
District – Gautam Budh Nagar
Pin Code- 201 305 (U.P.) – INDIA**

5. Where applicable, name and contact address of the authorized 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:

**EN 1935:2002
EC Notified Body 1121**

8. European Technical Assessment:

N/A

9. Declared performance:

Essential Characteristics	Performance	Harmonised Technical Specification
	<p>Mechanical test evidence: WIL 413448, WIL 413448-1, WIL 413488, WIL 413488-1, WIL 413488-2, WIL 413488-3</p> <p>Fire Test Evidence: WF 377589 Iss 6, WF 376739, WF 477589, WF 376743 & WF 376241</p>	
Initial friction torque (max. door mass 40 kg)	<3 Nm	EN 1935:2002 / AC:2003
Static Load		
Load deformation	<p>Passed with a displacement under load:</p> <ul style="list-style-type: none"> -Lateral <2mm -Vertical <4mm <p>And a residual displacement after unloading.</p> <ul style="list-style-type: none"> -Lateral <0.6mm -Vertical <0.3mm 	
Overload	-Passed	
Shear strength	Passed with a lateral and vertical displacement after unloading <3mm	
Hinges for use on fire-resistant and/or smoke-controls doors	Grade 1: suitable for use on fire/smoke resistant door assemblies	
Durability	<p>Passed a 200 000 cycles test with a maximum wear.</p> <ul style="list-style-type: none"> -Lateral 0.5mm -Vertical 0.1mm <p>and with a maximum frictional torque.</p> <ul style="list-style-type: none"> -after 20 cycles <3.0 Nm -after the completion of 200 000 cycles <3.0Nm <p>The hinge covered by this CPR is the hinge tested.</p>	
Families of hinges with common design features		
Corrosion resistance	Pass Grade 3 : 96hrs.	
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.	

10. The performance of the product identified in points 1 and 2 is 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:



Mr. Sandip Garg

Director

Date of issue: 20/01/2017

D. P. Garg & Co. Pvt. Ltd.

B-210B, Phase-2,

Noida – 201 305 (U. P.) – INDIA

(Signature)

This Declaration of Performance is issued on a standard template provided by the GAI for use in the door and hardware industries. There is no implied endorsement of the content, which is the responsibility of the issuing company.

The Guild of Architectural Ironmongers

BPF House, 6 Bath Place, Rivington Street, London, EC2A 3JE

Tel: +44 (0) 20 7033 2480 Fax: +44 (0) 20 7033 2486