

Declaration of Performance

DoP-No.: **DPG 001**

- | | | |
|----|---|--|
| 1. | Type designation | Stainless Steel Butt Hinges |
| 2. | Model or serial number | 551SSB 4" x 3" x 3mm Ball Bearing Hinge
551SSB 4" x 3.5" x 3mm Ball Bearing Hinge
551SSB 4" x 3.5" x 3mm Ball Bearing Hinge
551SSB 4" x 4" x 3mm Ball Bearing Hinge
551SSB 4.5" x 4" x 3.4mm Ball Bearing Hinge
551SSB 5" x 3" x 3mm Ball Bearing Hinge
551SSB 6" x 3" x 3mm Ball Bearing Hinge |
| 3. | Intended purpose of use | For use on fire / smoke compartmentation doors when fitted in accordance with the manufacturers fitting instructions |
| 4. | Manufacturer | D.P. Garg & Co. Pvt. Ltd.
C/o Eurasia Doordevices Limited
C96, Sector 8
NOIDA-201301
INDIA |
| 5. | If applicable, name and contact address of the authorised representative who is commissioned with the tasks in acc. with article 12 paragraph 2: | Head of Quality Management |
| 6. | System or systems for evaluation and reviewing of consistent performance of the construction product as per Annex V: | System 1 |
| 7. | The notifying authority, monitoring authority 1121 has carried out the initial inspection of the plant and factory production control and the continuous surveillance, assessment and evaluation of factory production control in accordance with System 1 and issued a certificate of conformity for factory production control. | |
| 8. | If a European Technical Assessment has been issued for the construction product: | Not relevant |

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

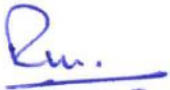
9. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
	Mechanical test evidence: WIL 141731 Fire Test Evidence 141932	
Self-closing Initial friction torque (door mass 120kg) Static load Load deformation Overload Shear strength Hinges for use on fire-resistant and smoke-controls doors	<4.0 Nm Passed with a displacement under load: -lateral < 2 mm -vertical < 4 mm And a residual displacement after unloading: -lateral < 0.1 mm -vertical < 0.3 mm Passed Passed with a lateral and vertical displacement after unloading < 3 mm Grade 1: Suitable for use on fire/smoke resistant door assemblies.	EN 1935:2002
Durability Families of hinges with common design feature Corrosion resistance	Passed a 200 000 cycles test with a maximum wear: -lateral < 0.2 mm -vertical < 0.8 mm And with a maximum frictional torque. -after 20 cycles < 3.0 Nm -after the completion of 200 000 cycles < 4.0 Nm The hinge covered by this CPR is the hinge tested Grade 4: 240	EN 1935:2002
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

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

10. The performance of the product in accordance with numbers 1 and 2 corresponds to the declared performance in accordance as per number 9. The manufacturer is solely responsible for the production of this declaration of performance in accordance with number 4.

Signed for the manufacturer and on behalf of the manufacturer:



Mr. Ramesh C Malhotra

Director

Date of issue: 28th July 2014

B-210-B, Phase 2, Noida – 201305

India