

Notified Body No. 2812

Certificate of Constancy of Performance

2812-CPR-AC0171

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

Grade 11 Stainless Steel 2 Ball Bearing Hinges See Annex A

Intended use: For use on escape route doors without fire performance

Essential characteristics	Performance	Harmonised technical specification
Mechanical test evidence: WIL 197669/A, WIL 197669/C, WIL 197669/E, WIL 197669/G, WIL 197669/I, WIL 197669/M & WIL 530763 Fire test evidence: N/A		
Self-closing Initial friction torque (door mass 80kg) Static load Load deformation Overload Shear strength Hinges for use on fire-resistant and/or smoke-controls doors	< 3Nm Passed with a displacement under load: - lateral < 2mm - vertical < 4mm and a residual displacement after unloading: - lateral < 0.6mm - vertical < 0.3mm - within the shaded area of figure G.1 Passed Passed with a lateral and vertical displacement after unloading < 3mm	EN 1935:2002 / AC:2003
Durability Families of hinges with common design features Corrosion resistance	Passed a 200,000 cycle test with a maximum wear: - lateral < 0.5mm - vertical < 1mm and with a maximum frictional torque. - after 20 cycles < 3Nm - after the completion of 200,000 cycles < 3N The hinges covered by this certificate are listed in Annex A 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)	

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Placed on the market under the name of:

D.P. Garg & Co. PVT. Ltd

B-210B

Phase-2

Noida-201 305

India

and produced in the manufacturing plant

R/001

This is coded format and the information is held by the Notified Body

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard:

EN 1935:2002 / AC:2003

Under System 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on **24/10/2013** and re-issued on **29/09/2023** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, or unless suspended or withdrawn by the Notified Product Certification Body.

CE Marking certificate valid to: **28/09/2026**

ERO Project Reference: **ERO 034621 P1877**



Pascal Coget

General Manager - European Certification

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Annex A

Model Reference	Description
SHIN1052100 SHIN1062100	4" x 3" x 2mm stainless steel 2 ball bearing hinge Square / radiused corners
SHIN1057100 SHIN1067100	4" x 2 5/8" x 2.5mm stainless steel 2 ball bearing hinge Square / radiused corners
SHIN1056075 SHIN1066075	3" x 2" x 2mm stainless steel 2 ball bearing hinge Square / radiused corners
SHIN1055075 SHIN1065075	3" x 2" x 2.2mm stainless steel 2 ball bearing hinge Square / radiused corners
SHIN1059100 SHIN1069100	4" x 3" x 2.5mm stainless steel 2 ball bearing hinge Square / radiused corners
SHIN1058125 SHIN1068125	5" x 2 5/8" x 2.5mm stainless steel 2 ball bearing hinge Square / radiused corners
SHIN1051100 SHIN1061100	4" x 3" x 3mm stainless steel 2 ball bearing hinge Square / radiused corners
SHIN1053100 SHIN1063100	4" x 2 5/8" x 2mm stainless steel 2 ball bearing hinge Square / radiused corners

Hinges available in the following finishes:

0AC	Antique Copper	PSS	Polished Stainless Steel
0FB	Florentine Bronze	RGL	Rose Gold
MAB	Matt Antique Brass	0SS	Satin Stainless Steel
MEB	Mirror Electro Brass	USC	Urban Satin Copper
ANT	Antique	0MB	Matt Black
ABR	Antique Brass	MBZ	Matt Bronze
ABZ	Antique Bronze	MSB	Matt Satin Brass
BNP	Black Nickel	ORB	Oil Rub Bronze
0CP	Chrome Plated	0PB	Polish Brass
DBR	Dull Electro Brass	PCP	Polished Chrome Plated
DXB	Durosil Epoxy Black	PNP	Polished Nickel Plated
DSL	Durosil Silver	SBR	Satin Brass
0EB	Electro Brass	SCP	Satin Chrome Plated
EXB	Epoxy Black	SNP	Satin Nickel Plated
EXW	Epoxy White	SLV	Silver
GAL	Galvorite	SSS	Simulated Satin Finish
GSL	Galvorite Silver	0UB	Urban Bronze
0GN	Graphite Nickel	UDB	Urban Dark Bronze
MBN	Gun Metal		

Brand names: Garg, Gargs, Tuff, Elite, Sichern & Eurostar.

CSF408-NL 8.0