

DECLARATION OF PERFORMANCE

No.: 4533_Dirock-0905



1. **Unique identification code of the product-type:** Single-axis hinges
Type: 4.5"X3"X3.0-2BB
2. **Intended use:** On fire/smoke compartmentation doors fitted with door closing devices
3. **Manufacturer:** SG-22296
4. **Authorised representative:** Shandong Hanrui Hardware Co.,Ltd.
Bldg 10-116, No. 10 Jingshan Road, Zhifu District, Shandong Province, China
5. **System of AVCP:** AVCP 1
6. **Harmonized standard:** EN1935:2002/AC:2003
Notified body: Intertek Deutschland GmbH, Stangenstraße 1, 70771 Leinfelden -Echterdingen
CE Certificates: 0905-CPR-221146-02
7. **Declared performance:**

Essential characteristics	Grade	Performance	Harmonized technical specification
4.2 Category of use	4	Severe duty	EN1935:2002/AC:2003
4.3 Durability	7	200 000 cycles	
4.4 Door mass	6	120kg	
4.5 Suitability for use on fire/smoke doors	1	Suitable for use on fire/smoke compartmentation doors	
4.6 Safety	1	Only grade 1 is identified	
4.7 Corrosion resistance	4	Very high corrosion resistance	
4.8 Security - Burglar resistance	0	Not suitable for use on burglar resistant doors	
4.9 Hinge grade	13	Grade 13	
Dangerous substances	The materials used 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.		

8. The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued. in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Zhang HuiQun, CTO

At: Zhongshan on: 2023-03-08