

CONSTRUCTION PRODUCTS REGULATION 2011

DECLARATION OF PERFORMANCE

Declaration of performance

DoP, No.: DC-1307009

1. Unique identification code of the product-type;	85V, 85VP
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;	85V, 85VP EN 4 - 6
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
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5)	Brandname: NHN Contact: Kenwa Co., Ltd. 12th Fl.Tower West Umeda Sky Bldg. 1-30 Oyodonaka 1-Chome, Kita-ku Osaka 531-0076 / JAPAN
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;	EN1154:1996/A1:2002/AC:2006 Notified Certification Body No.: 1121
8. European Technical Assessment;	N/A
9. Declared performance;	See table following page
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9;	See table following page

9. Declared performance 85V, 85VP Standard fixing position

Essential characteristics	Performance	Harmonised technical specification
Self Closing		EN1154:1996/A1:2002/AC:2006
5.2.1 General		
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Pass size 4 to 6	
5.2.4 Opening moment	Pass size 4 to 6	
5.2.5 Efficiency	>60% size 4	
	>65% size 6	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 4, 180 °	
5.2.8 Overload performance	Pass	
5.2.9 Temperature dependence	-15° to +40°C	
5.2.10 Fluid leakage	Pass	
5.2.11 Damage	Pass	
5.2.12 Latch control	Pass	
5.2.13 Back check (optional)	NPD	
5.2.14 Delayed closing (optional)	NPD	
5.2.15 Adjustable closing force	Pass	
5.2.18 Fire/smoke door suitability	Pass	
Essential characteristics	Performance	Harmonised technical specification
<u>Durability of Self Closing</u>		EN1154:1996/A1:2002/AC:2006
5.2.2 Durability	500,000 test cycles	
5.2.17.1 corrosion	Grade 3 (96 hours)	
5.2.17.2 corrosion	Pass	
<u>Dangerous Substances</u>	Pass: the materials in the door closer do not contain any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations	
<u>Annex ZA3</u>		

9. Declared performance 85V , 85VP Parallel arm application

Essential characteristics	Performance	Harmonised technical specification
Self Closing		EN1154:1996/A1:2002/AC:2006
5.2.1 General		
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Pass size 4 to 6	
5.2.4 Opening moment	Pass size 4 to 6	
5.2.5 Efficiency	>60% size 4	
	>65% size 6	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 4, 180	
5.2.8 Overload performance	Pass	
5.2.9 Temperature dependence	-15° to +40°C	
5.2.10 Fluid leakage	Pass	
5.2.11 Damage	Pass	
5.2.12 Latch control	Pass	
5.2.13 Back check (optional)	NPD	
5.2.14 Delayed closing (optional)	NPD	
5.2.15 Adjustable closing force	Pass	
5.2.18 Fire/smoke door suitability	Pass	
Essential characteristics	Performance	Harmonised technical specification
<u>Durability of Self Closing</u>		EN1154:1996/A1:2002/AC:2006
5.2.2 Durability	500,000 test cycles	
5.2.17.1 corrosion	Grade 3 (96 hours)	
5.2.17.2 corrosion	Pass	
<u>Dangerous Substances</u>	Pass: the materials in the door closer do not contain any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations	
<u>Annex ZA3</u>		

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:

H.Tanaka, director



Osaka, 1st July 2013.

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