



Notified body No. 1121

Warrington Certification Limited, Holmesfield Road, Warrington, Cheshire, WA1 2DS, UK

### Certificate of constancy of performance

#### 1121-CPR-AD5022

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

### NHN 350 Overhead door closer

Intended use: For use on fire rated single leaf and double leaf doors STANDARD FIXING POSITION.

Test Ref's : 158027, 169192/R & 125242.Self closing 5.2.1 General5.2.60000 test cycles5.2.2 Durability500,000 test cycles5.2.3 Closing momentPass size 35.2.4 Opening momentPass size 35.2.5 Efficiency>55% size 35.2.6 Closing timePass5.2.7 Angles of operationGrade 4, 180°5.2.8 Overload performancePass5.2.9 Temperature-15°C to +40°Cdependence-15°C to +40°CdependencePass5.2.10 Enuid leakagePass5.2.11 DamagePass5.2.12 Latch controlPass5.2.13 Back check (optional)NPD5.2.15 Adjustable closing force (optional)NPD5.2.16 Zero position (double action door closers only)NPD5.2.18 Fire/smoke door suitabilityPass5.2.17.1 corrosionGrade 3 (96 hours)5.2.17.2 corrosionPassDurability of Self Closing 5.2.17.2 corrosionPass: the materials in the door closer o not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national aregulations	Essential characteristics	Performance	Harmonised technical specification
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Dangerous Substances       Pass: the materials in the door closer         Annex ZA3       do not contain or release any         dangerous substances in excess of       the maximum levels specified in         existing European material standards       existing European material standards	5.2.17.2 corrosion		EN 4454-4000/44-0000/40-0000
Annex ZA3 do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards	Dangerous Substances	Pass: the materials in the door closer	EN 1154:1996/A1:2002/AC:2006
dangerous substances in excess of the maximum levels specified in existing European material standards		do not contain or release any	
the maximum levels specified in existing European material standards			
existing European material standards			
		or any national regulations	

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## Certificate of constancy of performance

#### 1121-CPR-AD5022

**Produced for** 

Kenwa Co.,Ltd 12<sup>th</sup> Fl. Tower West, Umeda Sky Bld. 1-30 Oyodonaka 1-Chome, Kita-Ku, Osaka 531-0076 – Japan.

and produced in the manufacturing plant

#### J/010

This is coded form 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(s)

# EN 1154:1996/A1:2002/AC:2006

under system 1 of AVCP are applied and that

#### the product fulfils all the prescribed requirements set out above.

This certificate was first issued on **29/01/14** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Paul Duggan Certification Manager Warrington Certification Ltd



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