



Product certificate K84955/03



Issued 2022-06-01

Replaces K84955/02

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Building valves - Expansion valves

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

Zhejiang Yorhe Intelligent Control Technology Co., Ltd

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with

Kiwa evaluation guideline

BRL-K630/02: Expansion groups and expansion valve", d.d. 2018-12-01

which covers the requirements of

EN1567:2002: "Building valves - Water pressure reducing valves and combination water pressure reducing valves – Requirements and tests": 2002

Ron Scheepers

Publication of the certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

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**Certification process
consists of initial and
regular assessment of:**

- quality system
- product

Building valves - Expansion valves

PRODUCT SPECIFICATION

Expansion valves DN15

- Model 4005, G $\frac{1}{2}$ male x G $\frac{1}{2}$ female
 - nominal set pressure (P_{nr}) 4 bar,
- Model 4007, G $\frac{1}{2}$ male x compression fitting 15 mm
 - nominal set pressure (P_{nr}) 1,5 bar,
 - nominal set pressure (P_{nr}) 2 bar,
 - nominal set pressure (P_{nr}) 2,5 bar
 - nominal set pressure (P_{nr}) 3 bar,
 - nominal set pressure (P_{nr}) 4 bar,
 - nominal set pressure (P_{nr}) 6 bar,
 - nominal set pressure (P_{nr}) 8 bar,
 - nominal set pressure (P_{nr}) 9 bar,
 - nominal set pressure (P_{nr}) 10 bar

Building valves - Expansion valves

REMARK


The above listed products were not yet assessed for compliance with all Hygienic Aspects as stated in the Dutch Drinking Water Decree and as outlined in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" ("Regulation on materials and chemicals in drinking water and warm tap water supply"), implemented on 19 July 2011, as specified in clause 3.3 of the Kiwa Evaluation guideline BRL-K14004/01.

APPLICATION AND USE


Expansion valves, of nominal sizes from DN 15 to DN 40 and having working pressures from 0,1 MPa (1 bar) to 1,0 MPa (10 bar), are intended for fitting to the cold water supply of storage water heaters, having a maximum distribution temperature of 95 °C, for all energy sources. Expansion valves do not control the temperature and alone do not constitute the protection required for storage water heaters. Expansion valves limit pressure, in the water heaters to which they are fitted, that is produced by thermal expansion of the water.

NOTE: The use of expansion valves does not override the need to use controls (e.g. thermostats and cut-outs) which act directly on the power sources of water heaters.

MARKING

The Kiwa[®]-mark products are marked with the word mark "KIWA" .
Place of the mark: on the valve.

Compulsory specifications:

- manufacturer's name, trademark, or identification mark ;
- nominal size;
- nominal set pressure, P_{nr} ;
- arrow showing the direction of flow of the supply, on a least one face;
- marking for the various operating positions of the control elements;
- the month and year of manufacture or code relating to period of manufacture.

Method of marking:

- non-erasable;
- visible after assembly.

RECOMMENDATIONS FOR CUSTOMERS

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you should reject a product on the basis of the above, please contact:

- Zhejiang Yorhe Intelligent Control Technology Co., Ltd
and, if necessary,
- Kiwa Nederland B.V.

Consult the supplier's processing guidelines for the proper storage and transport methods.