

Number	K 41684/02	Replaces	K 41684/01
Issued	2010-06-15	Date	2006-01-01

Product Certificate

Expansion groups

Based on pre-certification tests as well as periodic inspections by Kiwa, the products referred to in this certificate and marked with the Kiwa-mark as indicated under 'Marking', manufactured by

Hans Sasserath & Co. KG

may, on delivery, be relied upon to comply with the

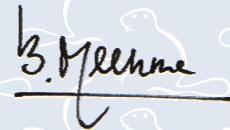
Kiwa evaluation guideline BRL-K630/02

"Expansion groups for closed hot water appliances and expansion valves for water"

Which covers the requirements of

EN 1488: 2000

"Building valves - Expansion groups - Tests and requirements"



Bouke Meekma
Director Kiwa N.V.

This certificate is issued in accordance with the Kiwa-Regulations for Product Certification.

This certificate consists of 3 pages.
Publication of the certificate is allowed.

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Expansion groups

PRODUCTSPECIFICATION

The products mentioned below belong to this certificate:

Type	Article number	Size
SYRobloc type 24	0024.15	DN 15
Expansion group type 330 – ‘Eckausführung’	0330.15	DN 15
Expansion group type 330 – ‘Durchgangsausführung’	0330.15	DN 15

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Expansion groups

APPLICATION AND USE

Expansion groups in nominal sizes DN 8 up to and including DN 100 are to be applied in drinking water installations with a upstream pressure of 1,0 MPa and a maximum water temperature of 90 °C (for hot water applications).

MARKING

The products are marked with the word mark "KIWA".

Place of the mark:

- "KIWA" on the body.

Additional compulsory specifications:

- manufacturer's name or mark;
- nominal size DN;
- nominal set pressure P_{nr} ;
- arrow showing the direction of flow of the supply;
- markings for the various operating positions of the control elements;
- manufacture date (month and year) or code;
- acoustic classification (if applicable);
- model reference;
- DZR marking (if applicable).

Method of marking:

- indelible;
 - visible after assembly.
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RECOMMENDATIONS FOR CUSTOMERS:

1. Check at the time of delivery whether:
 - 1.1 the producer has delivery in accordance with the agreement;
 - 1.2 the mark and the marking method are correct;
 - 1.3 the products show no visible defects as a result of transport etc.
 2. If you should reject a product on the basis of the above, please contact:
 - 2.1 Hans Sasserath & Co. KG
and, if necessary,
 - 2.2 Kiwa N.V.
 3. Consult the producer's processing guidelines for the proper storage and transport methods.
 4. Check whether this certificate is still valid by consulting the Kiwa website www.kiwa.nl.
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