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Product Certificate

Mechanical fittings for steel pipes

Based on pre-certification tests as well as periodic inspections by Kiwa Nederland B.V., the products referred to in this certificate and marked with the GASTEC QA mark, supplied by

Georg Fischer Fittings GmbH

may, on delivery, be relied upon to comply with the GASTEC QA approval requirements 214, for "Fitness for admixtures up to and including 100% hydrogen gas" dated June 2019.

Ron Scheepers
Kiwa

This certificate is issued by Kiwa Nederland B.V. in conjunction with the KIWA regulations for Certification 2017.

This certificate consists of 2 pages.
Publication of the certificate is allowed.

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CERTIFICATE

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Mechanical fittings for steel pipes

PRODUCT SPECIFICATION

Mechanical fittings for the flexible connection of steel pipes

Material: malleable cast iron

Design: black or galvanized.

Max. working pressure 8 bar.

Applied to:

- above- and underground,
- for steel threaded pipes according to AR 15 (EN 10255).

Straight fitting	Dimensions: ½", ¾", 1", 1¼", 1½" and 2".
Straight fitting, long model	Dimensions: 1", 1¼", 1½" and 2".
T-piece with inner thread- branch	Dimensions: ½" x Rp ½", ¾" x Rp ¾", 1" x Rp 1", 1¼" x Rp 1¼", 1½" x Rp 1½" and 2" x Rp 2".
T-piece	Dimensions: ½", ¾", 1", 1¼", 1½" and 2".
Straight transition fitting, outer thread	Dimensions: ½" x R ½", ¾" x R ¾", 1" x R 1", 1¼" x R 1¼", 1½" x R 1½" and 2" x R 2".
Straight transition fitting, inner thread	Dimensions: 1/2" x Rp 1/2", 3/4" x Rp 3/4", Rp 1" x Rp 1", 1¼" x Rp 1¼", 1½" x Rp 1½" and 2" x Rp 2"
Elbow 90°	Dimensions: ½", ¾", 1", 1¼", 1½" and 2".
End cap	Dimensions: ½", ¾", 1", 1¼", 1½" and 2".

APPLICATION AND USE

The product is intended to be used in distribution systems for gas conform the Regulations gas quality for low caloric gas to be used up to and including 16 bar with an admixture up to and including 100% hydrogen gas. The maximum pressure and operation temperature are mentioned in the approval requirement for the product for GASTEC QA certification.

MARKING

- GASTEC QA or GASTEC QA logo or punch mark
 - Name of manufacturer: +GF+
 - Type of material
 - Manufacturing batch number and/or date
 - Manufacturer's information for providing traceability
 - Maximum permitted pressure
 - The connection dimension and type of pipe to be connected:
 - The words 'Bestand tegen waterstofgas' and 'Hydrogen ready'
-

RECOMMENDATIONS FOR END USERS

Check at the time of delivery whether:

- the producer 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.

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

Check whether this certificate is still valid by consulting Kiwa Nederland B.V. or the Kiwa website.

If you should reject a product on the basis of the above, please contact the supplier and, if necessary, Kiwa Nederland B.V.
