



Product certificate K11868/09

Issued 2024-10-15

Replaces K11868/08

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Gate 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

E. Hawle Armaturenwerke GmbH

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-K602: "Valves and other accessories for drinking water transport and drinking water distribution systems" dated 04-09-2018,

which covers the requirements of

EN 1074/2:2000: "Valves for water supply - Fitness for purpose requirements and appropriate verification tests – Part 2: Isolating valves".

Ron Scheepers
Kiwa

Publication of this 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

Gate valves

PRODUCT SPECIFICATION

The products mentioned below belong to this product certificate.

The gate valves are assembled with the application of lubrication; Unisilikon L641.

Type 4000E1

PN 10 and PN 16, flanges.

DN 50
DN 65
DN 80
DN 100
DN 125
DN 150
DN 200
DN 250
DN 300

Type 4000E1+

DN 50
DN 65
DN 80
DN 100
DN 125
DN 150
DN 200
DN 250
DN 300

Type 4000E2

PN 16 - FTF basic series 14

DN 50
DN 65
DN 80
DN 100
DN 125
DN 150
DN 200
DN 250
DN 300
DN 350
DN 400
DN 500
DN 600

Type 4700E2

PN 16 - FTF basic series 15

DN 50
DN 65
DN 80
DN 100
DN 125
DN 150
DN 200
DN 250
DN 300
DN 400
DN 450
DN 500
DN 600

Type 4700E1

DN 50
DN 65
DN 80
DN 100
DN 125
DN 150
DN 200

Type 4700E1+

DN 50
DN 65
DN 80
DN 100
DN 125
DN 150
DN 200

Type 4700E3

PN 10 en PN 16

DN 50
DN 65
DN 80
DN 100
DN 125
DN 150
DN 200
DN 250
DN 300
DN 400
DN 450
DN 500
DN 600

Type 4343E3

PN 16

Connection end PVC-U and PE

DN/ Ø pipe 80/90

DN/ Ø pipe 100/ 110, DN50, DN80, DN100

DN/ Ø pipe 100/ 125, DN100,

DN/ Ø pipe 150/ 160, DN80, DN100, DN150

DN/ Ø pipe 200/ 225, DN80, DN100

Gate valves

Type Hawle-A

PN 16

DN 80 - FTF basic series 14 - article no. A1000139
- FTF basic series 15 - article no. A2000139
DN 100 - FTF basic series 14 - article no. A1000144
- FTF basic series 15 - article no. A2000144
DN 150 - FTF basic series 14 - article no. A1000149
- FTF basic series 15 - article no. A2000149
DN 200 - FTF basic series 14 - article no. A1000156
- FTF basic series 15 - article no. A2000156

Type 4000E3

PN 10 en PN 16

DN 50
DN 65
DN 80
DN 100
DN 125
DN 150
DN 200
DN 250
DN 300
DN 350
DN 400
DN 500
DN 600

Type 4040E3

PN 16

Connection end PVC-U and PE

DN/ Ø pipe 50/ 63
DN/ Ø pipe 65/ 75
DN/ Ø pipe 80/ 90
DN/ Ø pipe 100/ 110
DN/ Ø pipe 100/ 125
DN/ Ø pipe 125/ 125
DN/ Ø pipe 125/ 140
DN/ Ø pipe 150/ 160
DN/ Ø pipe 150/ 180
DN/ Ø pipe 200/ 200
DN/ Ø pipe 200/ 225
DN/ Ø pipe 200/ 250

PRODUCT SPECIFICATION (continued)

Type 4040E2

PN 16 Socket - Socket

Ø 63 (DN 50)
Ø 75 (DN 65)
Ø 90 (DN 80)
Ø 110 (DN 100)
Ø 125 (DN 100)
Ø 125 (DN 125)
Ø 140 (DN 125)
Ø 160 (DN 150)
Ø 180 (DN 150)
Ø 200 (DN 200)
Ø 225 (DN 200)
Ø 250 (DN 250)
Ø 280 (DN 250)
Ø 315 (DN 300)

Type 4041E2

PN 16 Flange - Socket

DN 50 / Ø 63
DN 65 / Ø 75
DN 80 / Ø 63
DN 80 / Ø 75
DN 80 / Ø 90
DN 100 / Ø 110
DN 100 / Ø 125
DN 125 / Ø 140
DN 150 / Ø 160
DN 150 / Ø 180
DN 200 / Ø 200
DN 200 / Ø 225
DN 250 / Ø 250
DN 250 / Ø 280
DN 300 / Ø 315

Type 4041 E3

PN 16

Flange / Connection end PVC-U and PE

DN 50 / Ø 63
DN 65 / Ø 75
DN 80 / Ø 90
DN 100 / Ø 110

Gate valves

DN 100 / Ø 125

DN 125 / Ø 140

DN 150 / Ø 160

DN 150 / Ø 180

DN 200 / Ø 200

DN 200 / Ø 225

Type 4343E2 Combi-T

PN 16 Socket – Socket - Socket

Ø 90 (DN 80) - Ø 90 (DN 80) - Ø 90

Ø 110 (DN 100) - Ø 110 (DN 100) - Ø 63

Ø 110 (DN 100) - Ø 110 (DN 100) - Ø 90

Ø 110 (DN 100) - Ø 110 (DN 100) - Ø 110

Ø 160 (DN 150) - Ø 160 (DN 150) - Ø 90

Ø 160 (DN 150) - Ø 160 (DN 150) - Ø 110

Ø 160 (DN 150) - Ø 160 (DN 150) - Ø 160

Ø 225 (DN 200) - Ø 225 (DN 200) - Ø 90

Ø 225 (DN 200) - Ø 225 (DN 200) - Ø 110

Type 2630, plastic body

PN 16, socket – socket

DN 20 ($\frac{1}{2}$ "),

DN 25 ($\frac{3}{4}$ "),

DN 32 (1"),

DN 40 ($1\frac{1}{4}$ "),

DN 50 ($1\frac{1}{2}$ "),

DN 60 (2").

Type 4040E3

PN 16

Connection end PVC-U and PE

DN/ Ø pipe 50/ 63

DN/ Ø pipe 65/ 75

DN/ Ø pipe 80/ 90

DN/ Ø pipe 100/ 110

DN/ Ø pipe 100/ 125

DN/ Ø pipe 125/ 125

DN/ Ø pipe 125/ 140

DN/ Ø pipe 150/ 160

DN/ Ø pipe 150/ 180

DN/ Ø pipe 200/ 200

DN/ Ø pipe 200/ 225

DN/ Ø pipe 200/ 250

Gate valves

Fitness for contact with drinking water

This product is approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" ("Materials and chemicals in the supply of drinking water and warm tap water Regulation" dated 01-07-2017; published in the Government Gazette).

These hygienic aspects are based on two main criteria. The product shall permanently comply with:

- The product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa approval procedure for the hygienic aspects;
- Specific product requirements for the hygienic aspects.

The recipe and specific product requirements are laid down in the for confidentiality reasons undisclosed 'appendix hygienic aspects' to this certificate.

MARKING

The Kiwa®-mark products are marked with the word mark "KIWA 

Place of the mark: on the body or specification plate

Compulsory specifications:

- name or mark of manufacturer: on the body or specification plate;
- identification of the shell material(s): on the body or specification plate;
- nominal size "DN ...": on the body or specification plate;
- nominal working pressure "PN ...": on the body or specification plate;
- identification of the year of manufacture: on the body or specification plate;
- number of the relevant part of the EN1074: on the body or specification plate.

Method of marking:

- Non-erasable;
- visible after assembly.

APPLICATION AND USE

Gate valves are designed to, both underground as over ground, be used in pipes for drinking water or raw material for drinking water, with a maximum medium temperature of 30 °C. The valves are designed to open or shut off the pipes and not for regulation purposes.

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:

- E. Hawle Armaturenwerke GmbH
- and, if necessary,
- Kiwa Nederland B.V.

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