



## Product certificate K11868/07

Issued 2019-09-15

Replaces K11868/06

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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<sup>®</sup>-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".

Ronald Karel  
Kiwa

*Publication of this certificate is allowed.*

*Advice: consult [www.kiwa.nl](http://www.kiwa.nl) in order to ensure that this certificate is still valid.*

CERTIFICATE

286180711

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Certification process  
consists of initial and  
regular assessment of:

- quality system
- product

## Gate valves

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### 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 16  
DN 50  
DN 65  
DN 80  
DN 100  
DN 125  
DN 150  
DN 200  
DN 250  
DN 300

#### 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

#### 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

#### Type 4000E3

PN 16  
DN 50  
DN 65  
DN 80  
DN 100  
DN 125  
DN 150

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DN 200 - FTF basic series 14 - article no. A1000156  
 - FTF basic series 15 - article no. A2000156

DN 200  
 DN 250  
 DN 300

### 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  
 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

#### Type 2630, plastic body

PN 16, socket – socket

DN 20 (1/2"),  
 DN 25 (3/4"),  
 DN 32 (1"),  
 DN 40 (1 1/4"),  
 DN 50 (1 1/2"),  
 DN 60 (2").

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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 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

### 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.

## Gate valves

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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.