



DECLARATION OF PERFORMANCE

According to Annex III of Regulation EU 305/2011

1. Unique identification code of the product-type:

Flanged ball check valve in ductile iron, type 53/35: DN 50-65-80-100-125-150-200-250-300-350-400-500-600

Threaded ball check valve in ductile iron, type 53/30: DN 32-40-50

Threaded ball check valve in stainless steel, type 53/40: DN 32-40-50-65-80

Swing check valve, resilient seated, with free shaft end, type 41/60: DN 50-65-80-100-125-150-200-250-300

Swing check valve, resilient seated, with closed shaft bushings, type 41/61: DN 50-65-80-100-125-150-200-250-300

Swing check valve, resilient seated, with enclosed shaft end, type 41/69: DN 50-65-80-100-125-150-200-250-300

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Series 53

Series 41

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Non-return valves for faecal-free wastewater and wastewater containing faecal matter, to max. 70° C

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Series 53

AVK International A/S

Bizonvej 1

DK-8464 Galten

Denmark

Tel: + 45 87542100

E-mail: tech@avk.dk

www.avkvalves.eu

Series 41

AVK Polska Sp. z o.o.

ul. Jakubowska 1

PL-62-045 Pniewy

Poland

Tel: + 48 612910000

E-mail: avkpolska@avkpolska.pl

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System of assessment = 3

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7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

TÜV Rheinland LGA Products GmbH
Tillystrasse 2
90431 Nürnberg
Germany

Phone: +49 (0) 911 655-5601
Fax: +49 (0) 911 655-5603

Notified Body number: 0197

The above mentioned products have been tested according to the standards and are regularly third party controlled. They are in accordance with the requirements of EN 12050-4.

LGA certificate number: 7381158a (S.53)
LGA certificate number: 0220030 (S.41)

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable.

9. Declared performance

| Essential characteristics | Performance | Technical specification acc. to |
|--|----------------------------|---------------------------------|
| Series 41 swing check valves: | | |
| Max. allowable test pressure | Max. 24 bar | EN 12050-4 |
| Max. allowable operating pressure | Max. 16 bar | EN 12050-4 |
| Series 53 ball check valves: | | |
| Max. allowable test pressure | Max. 15 bar | EN 12050-4 |
| Max. allowable operating pressure | Max. 10 bar | EN 12050-4 |
| General: | | |
| Low pressure leakage test at | 0.2 bar | EN 12050-4 |
| Max. allowable leakage rate at 0.2 bar | Acc. to EN 1205-4, table 1 | EN 12050-4 |
| Max. flow velocity PN 10 | Max. 3 m/s | EN 1074-1 |
| Max. flow velocity PN 16 | Max. 4 m/s | EN 1074-1 |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
Signed for and on behalf of the manufacturer by:

QA Manager Niels Jørgen Hedegaard
Galten, August 2017


AVR INTERNATIONAL A/S
Smedeskovvej 40, DK-8464 Galten, Denmark

(signature)