



Declaration of Performance

According to Annex III of Regulation EU 305/2011 and UKCA

1. Unique identification code of the product-type:

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

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

Flanged ball check valve in stainless steel, type 53/42: DN 80-100-150

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 bushing, 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 harmonized technical specification, as foreseen by the manufacturer:

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

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

Series 53

AVK International A/S

Bizovvej 1

DK-8464 Galten

Denmark

Tel: + 45 87542100

E-mail: sales@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 authorized representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

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

System of assessment = 3



7. In case of the declaration of performance concerning a constructive product covered by a harmonized standard:

TÜV Rheinland LGA Products GmbH
Tillystrasse 2
90431 Nürnberg
Germany
Tel: +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 regularly third party controlled. They are in accordance with the requirements of 12050-4.

LGA certificate number, series 53: R 60143502
LGA certificate number, series 41: R 60143589

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 12050-4, 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
Noise level	70 dB	EN 12050-4

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, February 2023


AVK INTERNATIONAL A/S
 Smedeskovvej 40, DK-8464 Galten, Denmark
 (Signature)