AVK RESILIENT SEATED GATE VALVE, PN10/16, CTC
WRAS approved rubber, AISI 420 stem, 8.8 zinc plated bolts, GSK coated

AVK gate valves are designed with built-in safety in every detail. The wedge is fully vulcanized with AVK’s own drinking water approved EPDM rubber compound. It features an outstanding durability due to the ability of the rubber to regain its original shape, the double bonding vulcanization process and the sturdy wedge design. The triple safety stem sealing system, the high strength stem and the thorough corrosion protection safeguard the unmatched reliability.

Product Description:
Flanged gate valve to BS EN 1074-2 / BS 5163- for drinking water and neutral liquids to max. 70° C

Standards:
- Designed according to EN 1074 - 2 Annex B (BS5163/Type B)
- Face to face according to EN 558 table 2 Basic Series 3
- Standard flange drilling to EN1092 (ISO 7005-2), PN 10/16

Test/Approvals:
- Hydraulic test according to EN 1074-1 and 2 / EN 12266.
- Seat: 1.1 x PN (in Bar). Body: 1.5 x PN (in Bar). Operating torque test.
- Approved according to WRAS

Features:
- Fixed, integral wedge nut prevents vibration and ensures durability
- Fully vulcanized wedge with guide rails, integrated wedge shoes and a large conical stem hole
- Stainless steel stem with rolled threads for high strength
- Full circle thrust collar provides fixation of the stem and low free running torques
- Triple safety stem sealing with an NBR wiper ring, a polyamide bearing with two EPDM O-rings, and another EPDM O-ring
- O-ring stem seals replaceable under pressure
- Round EPDM bonnet gasket fixed in a recess
- Countersunk and sealed stainless steel bonnet bolts encircled by the bonnet gasket
- Full bore
- Low operating torque
- Blue fusion bonded epoxy GSK approved

Accessories:
Stem cap, handwheel, extension spindle, street cover, flange adaptor and combi-flange

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Component List:

1. Stem Stainless steel AISI 420
2. Wiper ring NBR rubber
3. O-ring EPDM rubber
4. Bushing Polyamide
5. Gland bolt Zinc plated rubber, sealed with hot melt
6. Gland flange Ductile iron, EN-GJS-500-7 (GGG-50)
7. Thrust collar Dezincification resistant brass
8. O-ring EPDM rubber
9. Gasket EPDM rubber
10. Bonnet Ductile iron, EN-GJS-500-7 (GGG-50)
11. Bonnet bolt Zinc plated steel, sealed with hot melt
12. Bonnet gasket EPDM rubber
13. Wedge nut Dezincification resistant brass
14. Wedge core Ductile iron
15. Wedge rubber EPDM rubber
16. Body Ductile iron, EN-GJS-500-7 (GGG-50)

Components can be substituted with equivalent or higher class materials.

Reference Nos. and Dimensions:

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<th>H mm</th>
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For further details see section "Technical Information".
The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product programme.