AVK RESILIENT SEATED GATE VALVE, PN10/16, CTC
DN50-400, WRAS approved rubber, 1.4401 stem, A4 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). Operation torque test.
- Approved according to WRAS

**Features:**
- Fixed, integral wedge nut prevents vibration and ensures durability.
- The ductile iron core is fully vulcanized with drinking water approved EPDM rubber, no iron parts are exposed to the medium and the excellent rubber vulcanization prevents creeping corrosion underneath the rubber.
- Guides in the wedge and on the valve body ensure a uniform closure, safe operation ensured as the guides prevent overloading of the stem.
- The wedge has a large through bore and as there are no hollows in the core, stagnant water or impurities can’t collect and cause contamination.
- Stainless steel stem with rolled threads for high strength.
- Full circle brass 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 on stem, which prevents leakage when exchanging stem seals under pressure.
- Round bonnet gasket fixed in a recess groove in bonnet preventing it from being blown out by pressure surges.
- Countersunk and sealed bonnet bolts encircled by the bonnet gasket, thus there is no risk of corrosion.
- Full bore.
- Blue fusion bonded epoxy GSK approved.

**Accessories:**
- Stem cap, handwheel, extension spindle, street cover, flange adaptor and combi-flange
AVK RESILIENT SEATED GATE VALVE, PN10/16, CTC
DN50-400, WRAS approved rubber, 1.4401 stem, A4 bolts, GSK coated

Component List:

1. Stem Stainless steel 1.4401
2. Wiper ring NBR rubber
3. O-ring EPDM rubber
4. Bushing Polyamide
5. Gland bolt Stainless steel A4
6. Gland flange Ductile iron, EN-GJS-500-7(GGG-50)
7. Thrust collar Dezincification resistant brass
8. O-ring EPDM rubber
9. Bonnet Stainless steel A4
10. Bonnet Ductile iron, EN-GJS-500-7(GGG-50)
11. Gland bolt Stainless steel A4
12. Bonnet gasket EPDM rubber
13. Wedge nut Dezincification resistant brass
14. Wedge core Ductile iron
15. Wedge ruber 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>Flange drilling</th>
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<th>H mm</th>
<th>HS mm</th>
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<th>Dh 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.