



AVK RESILIENT SEATED GATE VALVE, PN10/16

21/36

CTC, with stem cap/white insert, WRAS approved rubber

012

The 21 valve is a resilient seat, wedge gate valve for isolation purposes suitable for use with water and neutral liquids (sewage) to a maximum temperature +70°C.

Product Description:

Resilient seat gate valve for water and waste water. Temperature range: -10° C to +70° C. 10% solid matter. Insulation essential for temperatures of 0° C and below.

Standards:

- Designed according to BS5163 Type B, Designed according to EN 1074 part 1 & 2
- Face to face according to EN 558 Table 2 Basic Series 3
- Standard flange drilling to EN1092-2 (ISO 7005-2), PN 10/16

Test/Approvals:

- Hydraulic test according to 1.5 x PN
- Materials approved according to WRAS

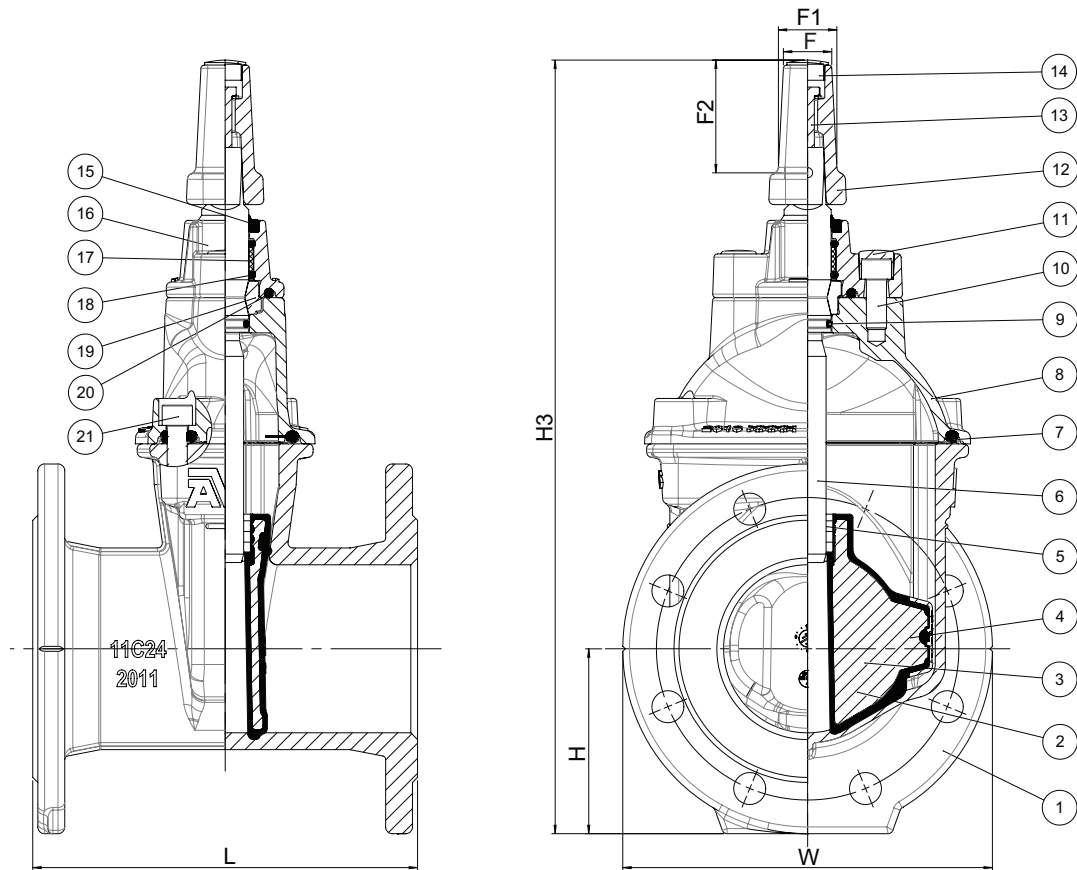
Features:

- Cap top as standard.
- The ductile iron wedge, fully vulcanized with EPDM rubber.
- O-ring stem seals replaceable under pressure.
- Fully corrosion resistant construction.
- Blue fusion bonded epoxy coating, in accordance with GSK
- Body, bonnet and gland bolts sealed with hot melt
- Lifting bars.
- Patent pending.
- **Safety Note:**
 - The valves now accommodate lifting bars for the safe handling of valves. These lifting bars are rated to the weight of the bare valve and stem cap (where fitted) only and should not be utilised if the valve is fitted with pipe, mechanical pipe joints, gearboxes, actuators or any other external fitment. AVK will not accept any responsibility for loss or damage if the lifting bars are not used in strict accordance with this guidance.

Accessories:

- Hand wheel.
- Extension spindle.
- Full range of flange adaptors and dismantling joints.





Component List:

1. Body	Ductile iron, EN-GJS-500-7(GGG-50)	2. Wedge rubber	EPDM
3. Wedge core	Ductile iron, EN-GJS-500-7(GGG-50)	4. Wedge shoe	Polyamide
5. Wedge nut	Dezn. res. brass EN 12164: CW602N (CZ132)	6. Stem	SS EN 10088-1;(W1.4021)/ASTM A276-420
7. Bonnet gasket	EPDM	8. Bonnet	Ductile iron, EN-GJS-500-7(GGG-50)
9. O-ring	EPDM	10. Bolt	Stainless steel A2
11. Cover	Hot melt wax	12. Stem cap	Grey iron
13. Screw	Stainless steel A2	14. Insert	SR1011
15. Wiper ring	NBR	16. Gland flange	Ductile iron, EN-GJS-500-7(GGG-50)
17. Bearing shell	Polyamide	18. O-ring	EPDM
19. Thrust collar	EcoBrass "Forging"	20. O-ring	EPDM
21. Bolt	Stainless steel A2		

Components may be substituted with equivalent or higher class materials without prior notification.

Reference Nos. and Dimensions:

AVK ref. nos	DN mm	Flange drilling	L mm	W mm	H mm	H3 mm	F mm	F1 mm	F2 mm	Turns to open	Theoretic. weight kg
21-080-36-2142064	80	PN10/16	203	200	100	437	28	35	63	7.5	17
21-100-36-2142064	100	PN10/16	229	220	110	469	28	35	63	8.5	19
21-150-36-2142064	150	PN10/16	267	285	143	591	28	35	63	12.5	34
21-200-36-2042064	200	PN10	292	340	170	705	28	35	63	16.5	52
21-200-36-2142064	200	PN16	292	340	170	705	28	35	63	16.5	52