



## AVK GATE VALVE, RESILIENT SEATED, PN16

570/90-001

CC, Stem Cap, AS/NZS 4087 B5, DN80-DN400

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 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:

Gate valve for drinking water and neutral liquids to max. 70°C. For AS/NZS 4020 compliance, max temp 40°C.

### Standards:

- Designed to: AS/NZS 2638.2
- Flange drilling to AS/NZS 4087 B5

### Test/Approvals:

- Production test according to AS/NZS 2638.2 Body: 1.5 x PN Seat: 1.1 x PN
- StandardsMark approved to AS/NZS 2638.2
- WaterMark approved to AS/NZS 2638:2

### Features:

- Fixed integral wedge nut prevents vibration
- Polyamide wedge shoes protect the wedge during opening and closing reducing friction
- Stainless Steel Stem with wedge stop
- Ductile iron wedge, fully vulcanized with EPDM rubber
- Stainless steel gland flange, stem and bolts for increased corrosion resistance
- Gland flange removable under pressure for replacement of thrust bearings and seals
- Three independent stem seals; a metal reinforced wiper ring protects against external dust, o-rings protect the bearings with the major seal to flow being an EPDM o-ring
- Round bonnet gasket fixed in a recess to prevent blow-out under pressure
- Counterbored stainless steel bonnet bolts sealed with hot melt glue and integral o-rings of the bonnet gasket
- Full bore
- Epoxy coating to AS/NZS 4158
- Approved to AS/NZS 4020

### Accessories:

- Handwheel



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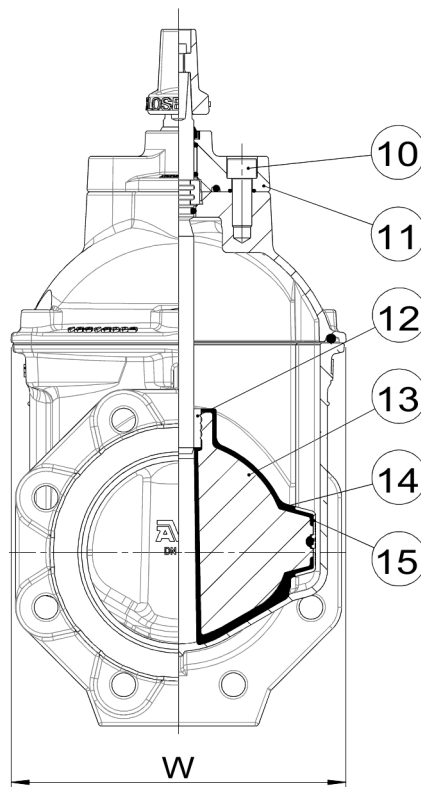
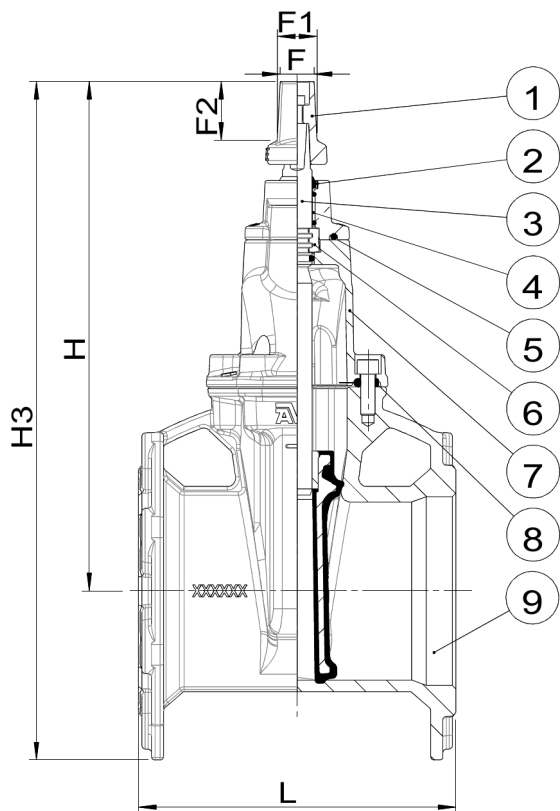


The designs, materials and specifications shown are subject to change without notice. This is due to the continuous development of our product range.

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## Component list:

1. Stem Cap	Ductile iron GJS-500-7	9. Body	Ductile iron GJS-500-7
2. Wiper ring	NBR rubber	10. Bolt	Stainless steel A4-70
3. Stem	Stainless steel 1.4057 (431)	11. Gland flange	Stainless steel 1.4408
4. Bushing	PA 6.6	12. Wedge nut	Brass, DZR CW602N
5. O-ring	NBR rubber	13. Wedge core	Ductile iron GJS-500-7
6. Thrust collar	Brass, DZR CW602N	14. Wedge rubber	EPDM rubber
7. Bonnet	Ductile iron GJS-500-7	15. Wedge shoe	Polyamide
8. Bonnet gasket	EPDM rubber		

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

## Reference nos. and dimensions:

AVK ref. no.	DN	L	W	H	H3	F	F1	F2	Theoretical weight/kg
	mm	mm	mm	mm	mm	mm	mm	mm	
570-080-90-2540120	80	203	174	324	397	28.5	33.5	50	13
570-100-90-2540120	100	229	195	347	430	28.5	33.5	50	16
570-150-90-2540120	150	267	275	429	572	28.5	33.5	50	32
570-200-90-2540120	200	292	335	561	726	27.8	33.5	57	52
570-225-90-2540120	225	305	422	643	828	27.8	33.5	57	87
570-250-90-2540120	250	330	422	656	858	27.8	33.5	57	93
570-300-90-2540120	300	356	455	739	967	27.8	33.5	57	126
570-375-90-2540120	375	381	564	917	1192	27.8	33.5	57	227
570-400-90-2540120	400	406	580	930	1220	27.8	33.5	57	237

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