



## AVK GATE VALVE, RESILIENT SEATED, PN16

570/96-001

CC, Handwheel, AS/NZS 4087 B5, OS&Y, DN80-DN300

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 valves unmatched reliability.

### Product description:

Flanged gate valve, short face-to-face, OS&Y with handwheel, 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
- Face-to-face dimension according to AS2638.2
- Flange drilling to AS/NZS 4087 B5
- Face to face: AS/NZS 2638.2

### 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
- SSL Listed

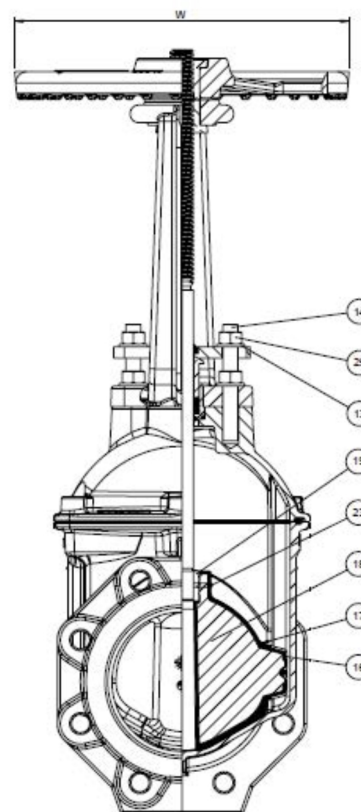
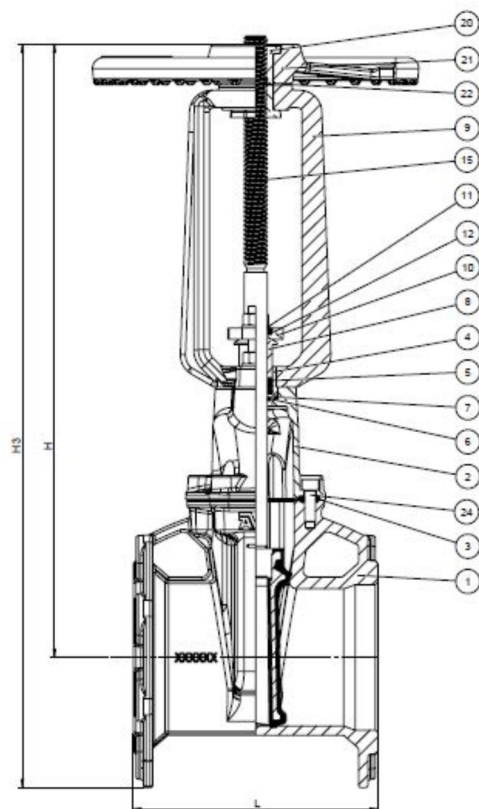
### Features:

- Ductile iron wedge fully vulcanized with drinking water approved EPDM, and fitted with polyamide wedge shoes to provide smooth operation
- Outside yoke and rising stem for clear indication of valve status at a distance
- Brass stem nut and bronze thrust washers
- Stem seal consisting of three o-rings
- Round bonnet gasket fixed in a recess to prevent blow out under pressure
- Counter bored 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



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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.



**Component list:**

1. Body	Ductile iron GJS-500-7	14. Stud bolt	Stainless steel A4-70
2. Bonnet	Ductile iron GJS-500-7	15. Stem	Stainless Steel 1.4401 (316)
3. Bonnet gasket	EPDM rubber	16. Wedge shoe	Polyamide
4. Bushing	Brass, DZR CW602N	17. Wedge rubber	EPDM rubber
5. Stem seal	NBR rubber	18. Wedge core	Ductile iron GJS-500-7
6. O-ring	NBR rubber	19. Wedge nut	Brass, DZR CW602N
7. O-ring	NBR rubber	20. Stem nut	Copper alloy
8. Gland	Brass, DZR CW602N	21. Handwheel	Ductile iron GJS-500-7
9. Yoke	Ductile iron GJS-500-7	22. Anti friction washer	Bronze LG2
10. Gland follower	Stainless Steel 1.4401 (316)	23. Pin	Stainless Steel 1.4401 (316)
11. Wiper ring	NBR rubber	24. Bolt	Stainless steel A4-70
12. Retainer	Stainless Steel 1.4401 (316)	25. Hex Nut	Stainless steel A4-70
13. Washer	Stainless steel A4-70		

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

**Reference nos. and dimensions:**

AVK ref. no.	DN	L	H	H3	W	Theoretical weight/kg
	mm	mm	mm	mm	mm	
570-080-96-0540120	80	203	639	533	256	19
570-100-96-0540120	100	229	677	565	256	22
570-150-96-0540120	150	267	985	813	358	45
570-200-96-0540120	200	292	1152	931	358	63
570-225-96-0540120	225	305	1395	1153	460	112
570-250-96-0540120	250	250	818	864	460	117
570-300-96-0540120	300	356	1615	1300	460	150