



## AVK GATE VALVE, FLANGED, SHORT

570/92-003

SS stem, ISO Mounting Flange, EPDM Seal, ACC/CC, DN450-600

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 retain its original shape, the double bonding vulcanization process and the sturdy wedge design. The triple stem seal system, high strength stem and thorough corrosion protection safeguard the unmatched reliability.

### Product description:

Flanged gate valve for potable water and neutral liquids to max. 70°C.

### Standards:

- Designed according to AS/NZS 2638.2
- Face-to-face dimension according to AS/NZS 2638.2
- Flange drilling to AS/NZS 4087 B5 PN16
- Flange drilling to AS 2129 Table E
- Approved to AS/NZS 4020

### Features:

- Fixed, integral wedge nut prevents vibration
- Polyamide wedge shoes protect the wedge rubber during opening and closing and reduce friction
- Stainless steel stem with wedge stop
- A large conical stem hole in the wedge prevents stagnant water
- Three independent stem seals: a metal reinforced wiper ring protects against external dust, four O-rings surround the radial bearing and innermost an EPDM O-ring is the main seal to the flow
- Removable gland flange for under-pressure replacement of thrust- and radial bearings and seals
- ISO mounting flange F16 (F14 compatible); electric actuator or gearbox is recommended
- Round bonnet gasket fixed in a recess to prevent blow-out with integral bolt sealing
- Counterbored stainless steel bonnet bolts encircled by the bonnet gasket and sealed with hotmelt glue
- Integrated lifting eyes for easy handling
- Epoxy coating to AS/NZS 4158
- StandardsMark and WaterMark approved to AS/NZS 2638.2

### Accessories:

Gearbox, actuator and handwheel



Quality  
ISO 9001



Health & Safety  
AS 4801



Environment  
ISO 14001

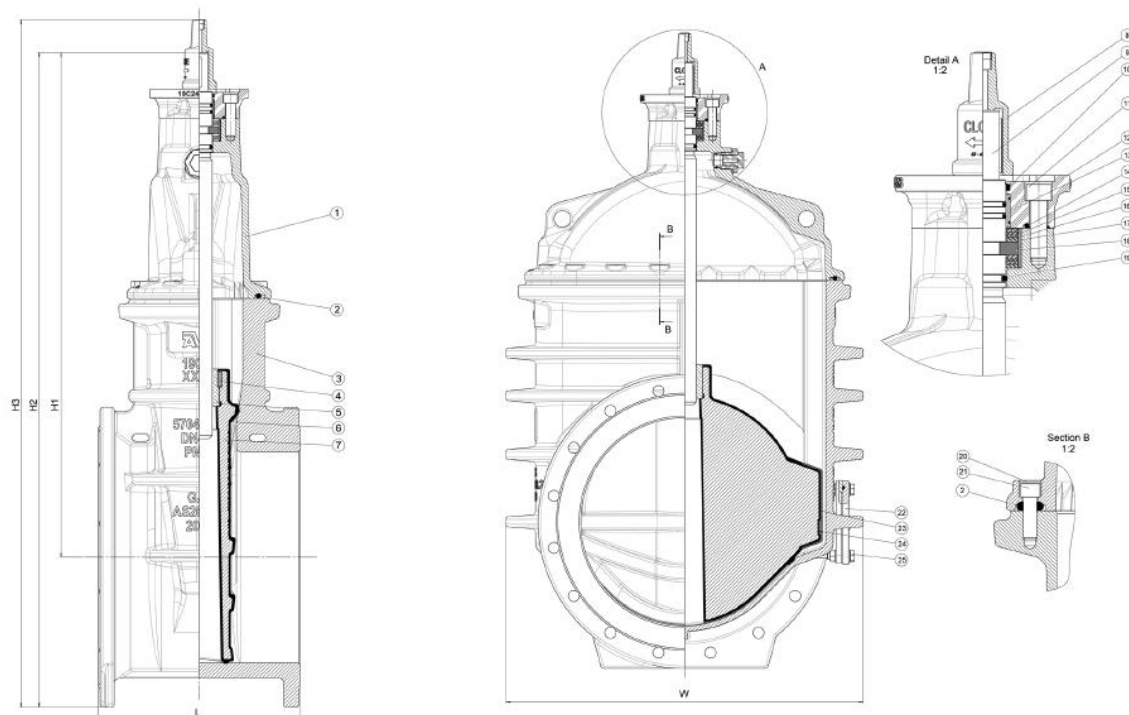


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## Component list:

1. Bonnet	Ductile iron GJS-500-7	14. O-ring	NBR rubber
2. Bonnet gasket	EPDM rubber	15. Bushing	Polyamide
3. Body	Ductile iron GJS-500-7	16. Thrust bearing	CSB
4. Lock pin	Steel	17. Support washer	Stainless steel 1.4057
5. Wedge nut	Brass, DZR CZ132	18. Thrust collar	Stainless steel 1.4057
6. Wedge rubber	EPDM rubber	19. Stem seal	EPDM rubber
7. Wedge core	Ductile iron GJS-500-7	20. Seal	Hot melt glue
8. Stem cap	Ductile iron GJS-500-7	21. Bonnet bolt	Stainless steel A4
9. Stem	Stainless steel 1.4057	22. Blanking plate	Ductile iron GJS-500-7
10. Wiper ring	NBR rubber	23. Wedge shoe	Polyamide
11. Gland flange bolt	Stainless steel A4	24. C-clip	Brass
12. Gland flange	Ductile iron GJS-500-7	25. Bolt	Stainless steel A4
13. Radial bearing	Bronze CC491		

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

## Reference nos. and dimensions:

AVK ref. nos.	Closing Direction	DN mm	Flange drilling	H1 mm	H2 mm	H3 mm	L mm	W mm	Weight kg
570-450-92-2540120	CC	450	AS/ NZS 4087 B5	1077	1397	1467	432	860	480
570-450-92-3540120	ACC	450	AS/NZS 4087 B5	1077	1397	1467	432	860	480
570-450-92-2640120	CC	450	AS2129 E	1077	1397	1467	432	860	480
570-450-92-3640120	ACC	450	AS2129 E	1077	1397	1467	432	860	480
570-500-92-2540120	CC	500	AS/NZS 4087 B5	1105	1457	1527	457	860	510
570-500-92-3540120	ACC	500	AS/NZS 4087 B5	1105	1457	1527	457	860	510
570-600-92-2540120	CC	600	AS/NZS 4087 B5	1244	1656	1726	508	969	720
570-600-92-3540120	ACC	600	AS/NZS 4087 B5	1244	1656	1726	508	969	720
570-600-92-2640120	CC	600	AS2129 E	1244	1656	1726	508	969	720
570-600-92-3640120	ACC	600	AS2129 E	1244	1656	1726	508	969	720