



AVK GATE VALVE, RESILIENT SEATED, PN16

570/91-002

ACC, Stem Cap, AS/NZS 4087 B5, 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 unmatched reliability.

Product description:

Flanged gate valve for water, sewage and neutral liquid applications to max. 70°C. For AS 4020 compliance, max temp 40°C.

Standards:

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

Test/Approvals:

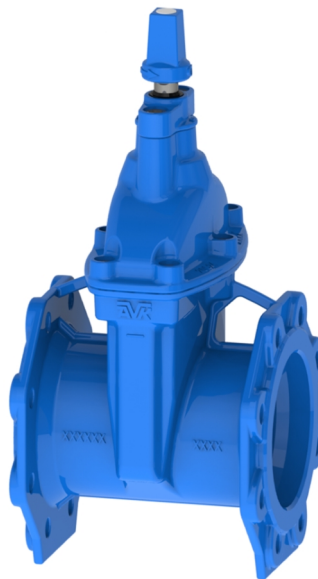
- Production test according to AS/NZS 2638.2 Body: 1.5 x PN Seat: 1.1 x PN
- WaterMark approved to AS/NZS 2638.2
- StandardsMark approved to AS/NZS 2638.2

Features:

- Fixed integral wedge nut prevents vibration
- Wedge fully vulcanized with drinking water approved EPDM rubber
- Polyamide wedge shoes protect the wedge during opening and closing reducing friction
- Gland flange removable under pressure for replacement of thrust bearings and seals
- Stainless steel stem with wedge stop
- Seal housing incorporates inner/outer O-ring seals and wiper ring for long life operation
- 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

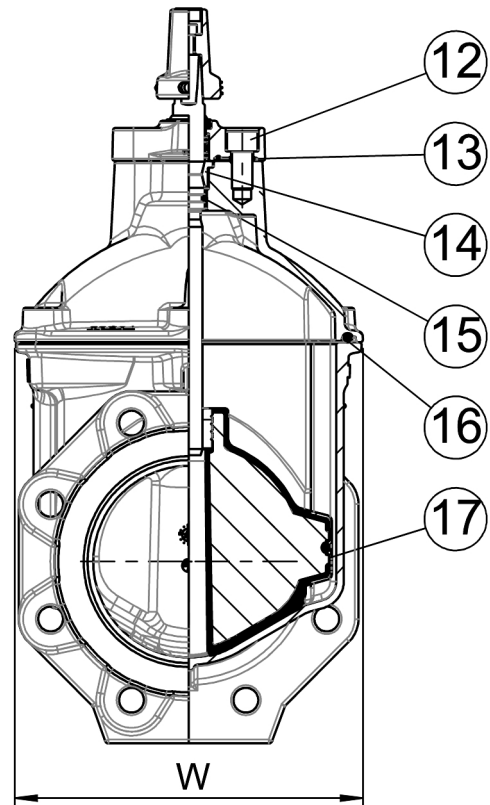
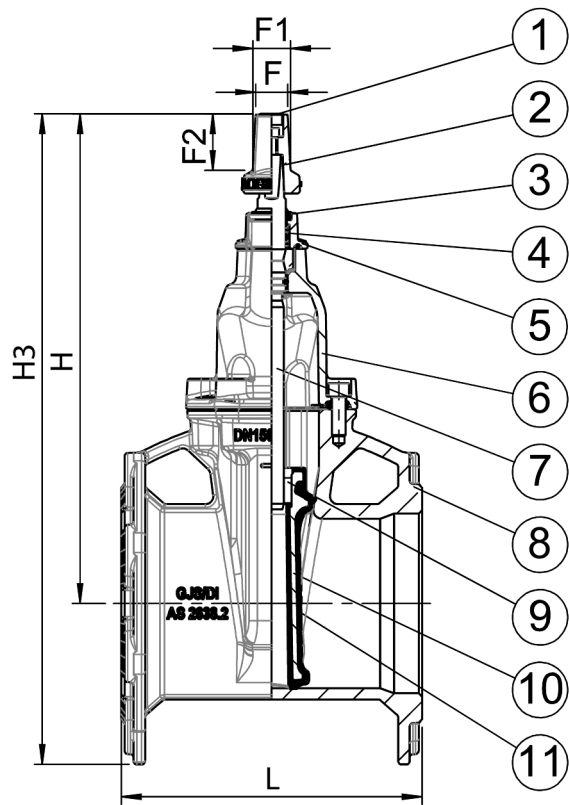


Expect... **AVK**

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. Insert	Plastic	10. Wedge core	Ductile iron GJS-500-7
2. Stem Cap	Ductile iron GJS-500-7	11. Wedge rubber	EPDM rubber
3. Wiper ring	NBR rubber	12. Bolt	Stainless steel A4-70
4. Seal retainer	Bronze CC491K	13. Gland Gasket	NBR rubber
5. Gland flange	Ductile iron GJS-500-7	14. Thrust collar	Brass, DZR CW724R, low lead
6. Bonnet	Ductile iron GJS-500-7	15. O-ring	NBR rubber
7. Stem	Stainless steel 1.4057 (431)	16. Bonnet gasket	EPDM rubber
8. Body	Ductile iron GJS-500-7	17. Wedge shoe	PA 6.6
9. Wedge nut	Brass, DZR CW724R, low lead		

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

Reference nos. and dimensions:

AVK ref. no.	DN mm	Flange drilling	L mm	W mm	H mm	H3 mm	F mm	F1 mm	F2 mm	Theoretical weight/kg
570-080-91-3540120	80	AS 4087 B5	203	173	307	380	28.5	33.5	50	12
570-100-91-3540120	100	AS 4087 B5	229	194	328	411	28.5	33.5	50	15
570-150-91-3540120	150	AS 4087 B5	267	274	434	576	28.5	33.5	50	31
570-200-91-3540120	200	AS 4087 B5	292	334	568	733	27.8	33.5	57	50
570-225-91-3540120	225	AS 4087 B5	305	422	651	836	27.8	33.5	57	85
570-250-91-3540120	250	AS 4087 B5	330	422	664	866	27.8	33.5	57	91
570-300-91-3540120	300	AS 4087 B5	356	455	746	973	27.8	33.5	57	124