



AVK SWING CHECK VALVE, METAL SEATED

41/39-006

Free Acting, AS/NZS 4087 B5, PN16, DN350-DN600

AVK series 41 swing check valve with metal seat, for use in pumping applications to prevent back flow. The valves are suitable for drinking water and waste water applications. The disc is connected to the shaft via a flexible bush which allows the disc and valve seat to perfectly align providing optimum sealing performance. All interior parts are manufactured from corrosion resistant metals or coated with drinking water approved epoxy coating. The series 41 valves are available in many configurations, including closed bushing, free acting or with a lever and weight to mitigate pressure surges.

Product description:

Metal seat swing check valve. For drinking water and neutral liquids to max. 60°C

Standards:

- Face to face: EN 558-2, Ser. 48
- Flange drilling to AS/NZS 4087 B5

Features:

- AS 4794 face to face available on request, refer to related datasheet 41-36-PO1-AU for details
- Aluminium Bronze seat and face rings, sealing performance in accordance with AS 4794
- The light weight disc assembly requires minimal force to open/close
- Shaft is fitted in the bonnet allowing maintenance to occur without removing the valve from the pipeline
- Suitable for horizontal and vertical installation
- Full bore with low head loss
- Bonnet gasket sits in a recessed groove between bonnet and body preventing blow-out
- Bosses on the valve body allow for installation of pressure gauge, by-pass, etc.
- Blue fusion bonded epoxy according to AS/NZS 4158
- Potable Water Approval to AS/NZS 4020
- Cracking Pressure = 10kPa

Accessories:

- Lever & Weight
- Proximity/Limit Switch & Cam
- Safety Protection Guard in accordance with AS/NZS 4024



Expect... **AVR**

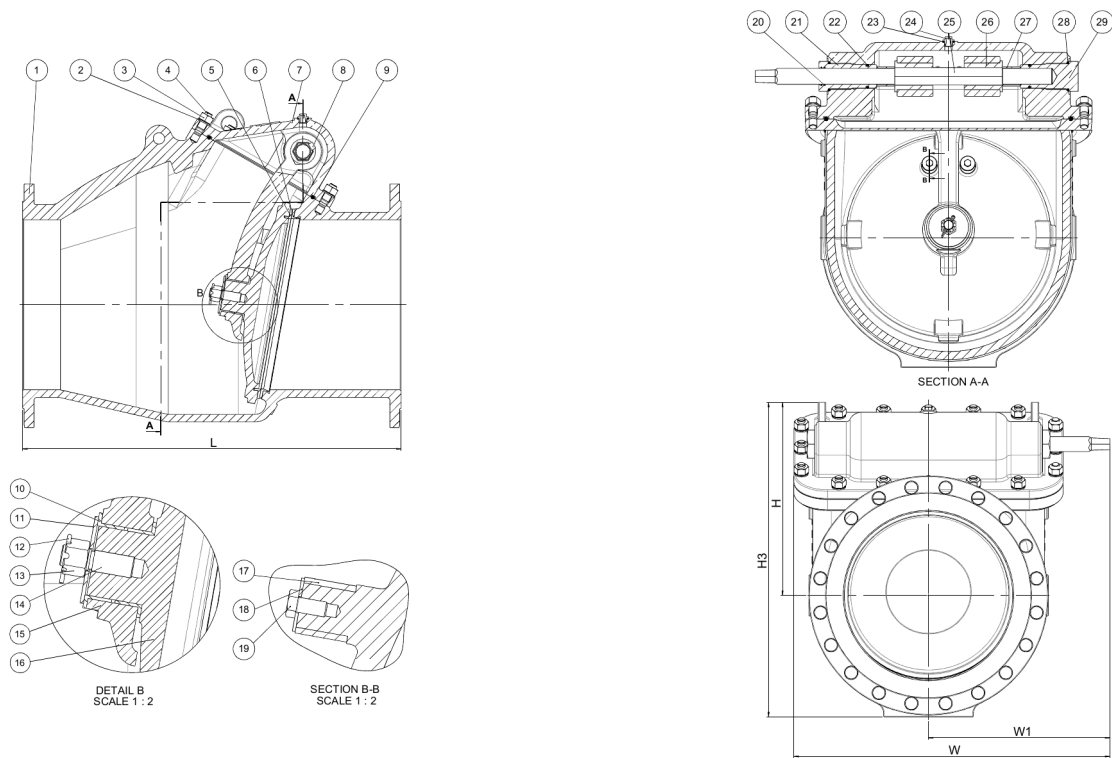


The designs, materials and specifications shown are subject to change without notice. This is due to the continuous development of our product range.

AVK SWING CHECK VALVE, METAL SEATED

41/39-006

Free Acting, AS/NZS 4087 B5, PN16, DN350-DN600



Component list:

1. Body	Ductile iron GJS-500-7	16. Disc	Ductile iron GJS-500-7
2. Washer	Stainless steel A4	17. Protective bush	EPDM rubber
3. Nut	Stainless steel A4	18. Washer	Stainless steel A4
4. Stud bolt	Stainless steel A4	19. Bolt	Stainless steel A4
5. Face ring	Alu-bronze CC331G (AB1)	20. O-ring	EPDM rubber
6. Seat ring	Alu-bronze CC331G (AB1)	21. Bushing, open	Brass, DZR CW602N (CZ132)
7. Bonnet	Ductile iron GJS-500-7	22. O-ring	EPDM rubber
8. Bolt	Stainless steel A4	23. Gasket	Polyamide
9. O-cord	EPDM rubber	24. Air plug	Stainless steel
10. Guide bush	EPDM rubber	25. Shaft	Stainless Steel 1.4401 (316)
11. Washer	Stainless steel A4	26. Connector	Stainless steel 1.4408
12. Split pin	Stainless steel A4	27. Spacer	Stainless Steel 1.4401 (316)
13. Castle nut	Stainless steel A4	28. O-ring	EPDM rubber
14. Stud bolt	Stainless steel A4	29. Bushing, closed	Brass, DZR CW602N (CZ132)
15. Hinge arm	Ductile iron GJS-500-7		

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	H mm	H3 mm	W mm	W1 mm	Theoretical weight/kg
41-350-39-0281206	350	AS 4087 B5	800	419	689	705	416	233
41-400-39-0281206	400	AS 4087 B5	900	470	765	776	451	305
41-450-39-0281206	450	AS 4087 B5	1000	518	843	846	486	436
41-500-39-0281206	500	AS 4087 B5	1100	570	935	905	515	577
41-600-39-0281206	600	AS 4087 B5	1300	630	1060	1020	573	791

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