



AVK AIR RELIEF VALVE, PN16, WASTE WATER

851/50-002

ABS float/guide/seat, EPDM seal, DN80, Flange drilling: AS/NZS 4087 B5

AVK series 851/50 double orifice, triple action air valves are designed to be installed in waste water and sewage plants to allow air to either escape or enter the pipe system when filling or draining it, as well as for automatic discharge of accumulated air during normal working conditions. The large float chamber keeps the contaminated water at a safe distance from the valve surfaces, ensuring a continued operation with long service intervals. The unique 'Aerokinetic' design allows air to rush out of the system at great speed without forcing the float upwards and closing it prematurely. This makes sure that the valve closes only after all air has left the system and water has entered the chamber.

All iron components are protected with fusion bonded epoxy coating in an approved process to ensure high durability. All other components are made of either approved polymer material or stainless steel to reduce corrosion risk even further. All seals are made of approved EPDM rubber.

Product description:

Air relief valve, ABS internal parts, EPDM seals, for sewage, waste water or other contaminated liquids

Standards:

- Designed to: AS 4956
- Flange drilling to AS/NZS 4087 B5

Test/Approvals:

- Hydraulic test according to AS 4956: Seat: 1,1 x PN. Body: 1,5 x PN

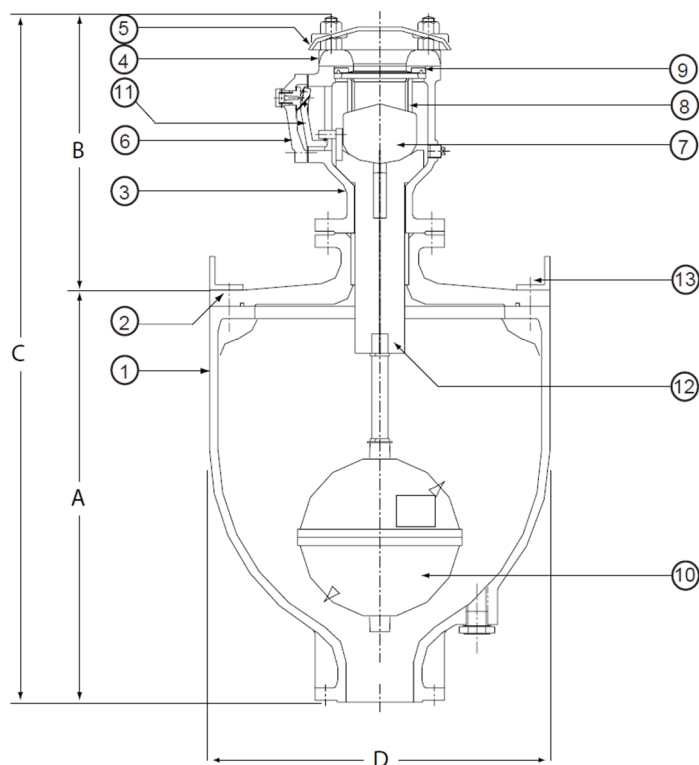
Features:

- A clever float design prevents air rushing out of the system from prematurely closing the valve
- Large air flow capacity
- Vented non return (VNR) valve, allows free inflow and restricted outflow
- Ductile iron parts coated with GSK approved fusion bonded epoxy
- Internal components are EPDM or ABS, drinking water approved
- No moving parts are touching the internal coating



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 AIR RELIEF VALVE, PN16, WASTE WATER**851/50-002****ABS float/guide/seat, EPDM seal, DN80, Flange drilling: AS/NZS 4087 B5****Component list:**

1. Body	Ductile iron GJS-500-7	8. Float guide	ABS
2. Cover	Ductile iron GJS-500-7	9. Seal	EPDM rubber
3. Air valve body	Ductile iron GJS-500-7	10. Ball float	Polycarbonate
4. Air valve cover	Ductile iron GJS-500-7	11. Lever	Polypropylene
5. Air valve cowl	Ductile iron GJS-500-7	12. Float elevator	Stainless steel 316
6. Air valve cover	Ductile iron GJS-500-7	13. Fastener	Stainless steel 316
7. Top float	ABS		

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

Reference nos. and dimensions:

AVK ref. no.	DN	A	B	C	D
	mm	mm	mm	mm	mm
851-080-50-523000	80	642	421	1063	534