



AVK COMBINATION AIR VALVE, PN16

701/70-010

For wastewater, steel

AVK combination air valves are designed to combine large volume of air discharge/intake whilst filling/draining a pipeline with automatic discharge of air from the fluid. They feature an innovative design with a large air gap between liquid and sealing system. A spring between stem and float compensates for slight pressure changes and maintains the air gap ensuring reliable function even when used with aggressive liquids and liquids carrying solid particles.

Product description:

Combination air valve. For wastewater treatment to max. 60°C (temporarily up to 90°C)

Standards:

- Standard flange drilling to EN1092-2 (ISO 7005-2), PN 16

Test/Approvals:

- Hydraulic test according to EN 1074-1 and 4 / EN 12266
- Approved for wastewater

Features:

- Orifice sizes: Automatic 12 mm², kinetic 804 mm²
- The large air gap between liquid and sealing system ensures a reliable function even when used with aggressive liquids and liquids carrying solid particles
- The small orifice in the automatic valve releases small volumes of air when the line is under pressure
- The spring between the stem and upper float prevents unnecessary activation of the automatic function, as it compensates for slight pressure changes
- The float assembly of polycarbonate/acid-resistant stainless steel ensures high corrosion resistance.
- The conical body with funnel-shaped lower body allows maximum air volume within minimum valve length and prevents accumulation of deposits at the bottom
- The epoxy coated steel body features low weight
- Drainage and flushing from external clean water source is possible through the drain in the valve's side
- An exhaust tube can be mounted to the quick connector at opening at the top of the valve
- With connection flange or 2" BSP thread
- Working pressure range: 0.2 – 16 bar

Accessories:

Gate valve, butterfly valve, combi-flange, flange adaptor, knife gate valve

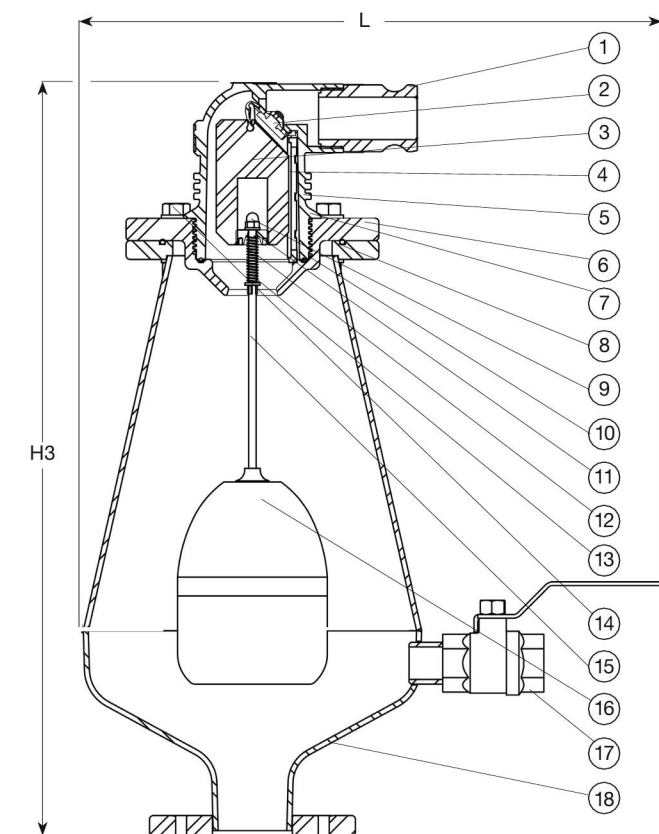


Expect... **AVK**

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Component list:

1. Drain elbow	PP	10. Base	PA, reinforced
2. Rolling seal	EPDM/PA/SS	11. Stopper	PP
3. Float	PP	12. Spring	Stainless steel 316
4. Clamping stem	PA, reinforced	13. Washer	Stainless steel 316
5. Body	PA, reinforced	14. Bolt/nut	Stainless steel 316
6. Cover	PA, reinforced	15. Stem	Stainless steel 316
7. O-ring	NBR rubber	16. Float assembly	PC / stainless steel
8. O-ring	NBR rubber	17. Drain valve, 1" BSP	Stainless steel
9. Crown nut	Stainless steel	18. Body	Steel

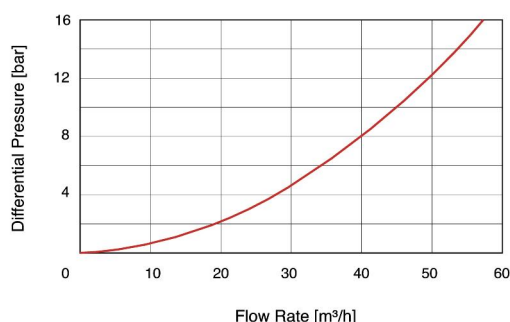
Components may be substituted with equivalent or higher class materials without prior notification.

Reference nos. and dimensions:

AVK ref. no.	DN mm	Flange drilling	Connection	L mm	H3 mm	Theoretical weight/kg
701-050-70-11003	50	PN16	50 MM FL	550	605	17
701-051-70-91003	50	NONE	2" BSP	550	644	16
701-080-70-11003	80	PN16	80 MM FL	550	605	18
701-100-70-11003	100	PN16	100 MM FL	550	605	19
701-150-70-11003	150	PN16	150 MM FL	550	610	21
701-200-70-01001 ⁽¹⁾	200	PN10	200 MM FL	422	610	24
701-200-70-11003	200	PN16	200 MM FL	550	610	24

(1) PN10

AUTOMATIC AIR RELEASE FLOW RATE



Air and vacuum flow rate

