



AVK AUTOMATIC AIR VALVE, PN16

701/10-001

For water, reinforced polyamide, DN12-25



AVK automatic air valves are designed with a very soft and sensitive seal. It enables effective discharge of accumulated air from the system while it is under pressure. The automatic air release valve are lightweight and compact with a 12mm² orifice enabling a release of air at high flow rates not being exposed to obstruction by debris. All operating parts are made of specially selected corrosion-resistant materials.



Product description:

Automatic air valve for water and neutral liquids to max. 60°C (temporarily up to 90°C)

Standards:

- Designed according to EN 1074-4

Test/Approvals:

- Hydraulic test according to EN 1074-1 and 2 / EN 12266
- Hydraulic test according to EN 1074-1 and 4 / EN 12266
- Approved according to DIN-DVGW Certificate NW-6215BS5030
- Approved according to WRAS



Features:

- Orifice size of 12 mm²
- The enlarged orifice is less exposed to obstruction by debris
- The orifice in the automatic valve releases large volumes of air at high flow rates when the line is under pressure
- The valve's rolling seal mechanism design is less sensitive to different pressures than a direct float seal, thus enabling a one size orifice for a wide pressure range (from 0.2 up to 16 bar)
- Body of high-strength composite material
- All operating parts of corrosion-resistant materials
- Very low weight
- With BSP thread connection
- Working pressure range: 0.2 – 16 bar

Accessories:

Gate valve, butterfly valve



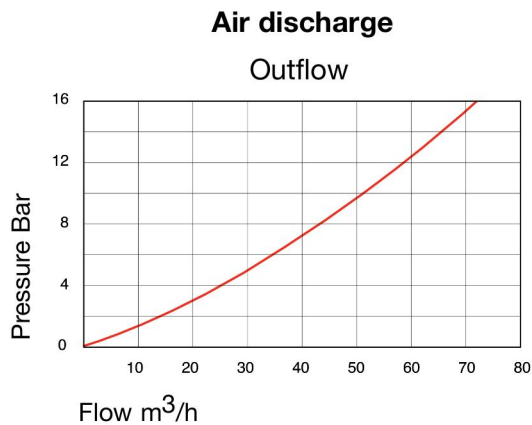
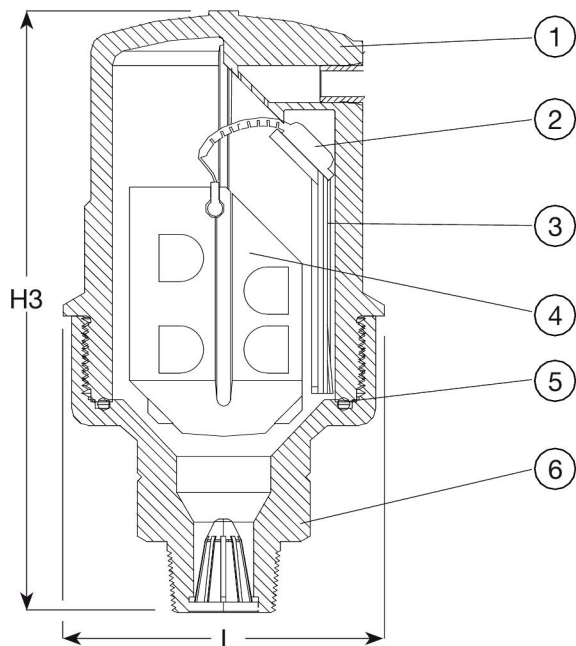
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The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product range.

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Component list:

1. Body	PA, reinforced	4. Float	PP
2. Rolling seal	EPDM rubber	5. O-ring	NBR rubber
3. Clamping key	PA, reinforced	6. Base	PA / brass

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

Reference nos. and dimensions:

AVK ref. no.	DN mm	Connection	L mm	H3 mm	Theoretical weight / kg
701-020-10-99003	12	1/2" BSP	85	143	0.3
701-020-11-99003 (1)	12	1/2" BSP	85	143	0.7
701-025-10-99003	19	3/4" BSP	85	143	0.3
701-025-11-99003 (1)	19	3/4" BSP	85	143	0.7
701-032-10-99003	25	1" BSP	85	143	0.3
701-032-11-99003 (1)	25	1" BSP	85	143	0.7

(1) Brass base