



AVK AIR & VACUUM VALVE, PN16

701/30-020

For water, ductile iron

AVK air vacuum valves are designed to discharge air during the filling or charging of the system and to admit air into the system during system drainage, valve or pump shut-off or at water column separation. We also offer a range of air release valves and combination air valves combining the functions of an air release valve and an air vacuum valve.

Product description:

Air & vacuum valve - Inlet flange for water and neutral liquids to max. 60°C (temporarily up to 90°C)

Standards:

- Designed according to EN 1074-4
- Flange drilling to EN1092, PN16

Test/Approvals:

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

Features:

- Orifice sizes:
DN 100: 3317 mm²
DN 200: 17671 mm²
Reliable operation reduces water hammer incidents
- Dynamic design allows for high velocity air discharge while preventing premature closure
- Special orifice seat design with a combination of bronze and EPDM rubber ensures long-term maintenance-free operation
- The discharge outlet enables removal of excess fluids (2" - 8")
- Body and cover of ductile iron with blue epoxy coating
- Float of polycarbonate
- Working pressure range: 0.2 – 16 bar

Accessories:

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



Expect... **AVK**

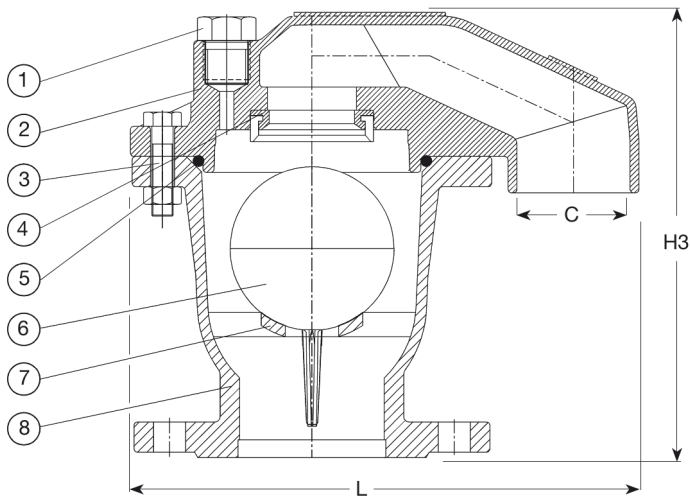
The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product range.

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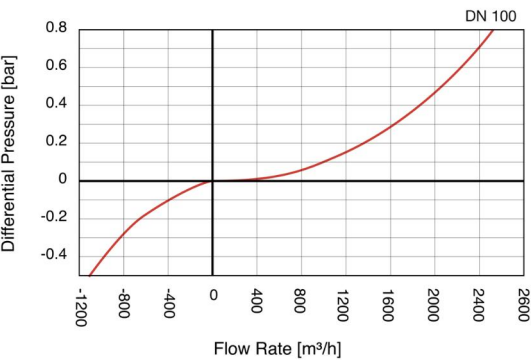
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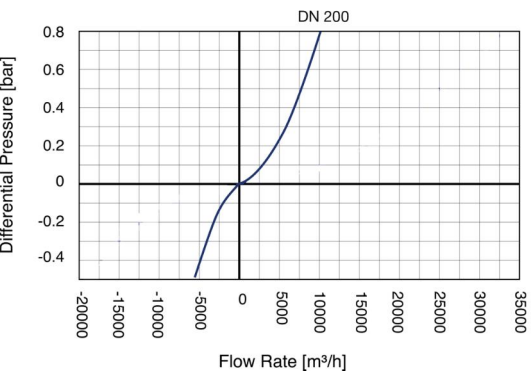
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AIR & VACUUM FLOW RATE



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Component list:

1. Plug	Brass	5. O-ring	NBR rubber
2. Cover	Ductile iron	6. Float	PC / stainless steel
3. Bolt	Steel, zinc plated	7. Basket	PP
4. Valve seat	Bronze	8. Body	Ductile iron

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

Reference nos. and dimensions:

AVK ref. no.	DN mm	Product PN Class	L mm	H3 mm	C mm	Theoretical weight/kg
701-100-30-11003	100	PN16	342	285	80	27
701-200-30-01003	200	PN10	553	530	124	116
701-200-30-11003	200	PN16	553	530	124	116