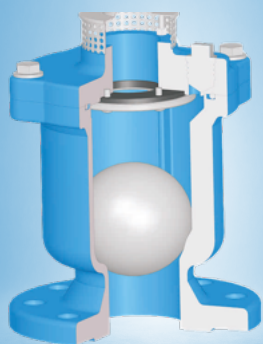


Single Orifice Air Relief Valve

Fig. VA909



Specification

- ✓ Single orifice combination air valve providing both Air Release & Air/Vacuum functions
- ✓ Exhausts large quantities of air during pipeline filling and system start-up
- ✓ Allows large quantities of air to enter the pipeline during draining or vacuum conditions, helping protect the pipeline against negative pressure
- ✓ Stainless steel float for reliable and corrosion-resistant operation
- ✓ EPDM resilient seat for positive sealing
- ✓ Stainless steel internal components for enhanced corrosion resistance & long service life
- ✓ Flanged ends drilled to EN 1092-2, PN10/PN16
- ✓ Maximum Working Pressure: 16 bar
- ✓ Fusion bonded epoxy coating, internally and externally
- ✓ Suitable for water supply and pipeline applications

Material Specification

Item	Part Name	Material	Specification
1	Body	Gray Cast Iron	EN 1561 EN-GJL-250
2	Float Ball	Stainless Steel	EN 10088 X5CrNi18-10
3	O Ring	Rubber NBR	EN 681
4	Cover	Gray Cast Iron	EN 1561 EN-GJL-250
5	Stud	Stainless Steel	EN 10088 X5CrNi18-10
6	Nut	Stainless Steel	EN 10088 X5CrNiMo17-12-2
7	Washer	Stainless Steel	EN 10088 X5CrNi18-10
8	Orifice Cap	Stainless Steel	EN 10088 X5CrNi18-10
9	Screen	Stainless Steel	EN 10088 X5CrNi18-10
10	Bolt	Stainless Steel	EN 10088 X5CrNi18-10
11	Washer	Stainless Steel	EN 10088 X5CrNi18-10
12	Seat	Rubber EPDM	EN 681
13	Metal Seat	Stainless Steel	EN 10088 X5CrNi18-10
14	Stud	Stainless Steel	EN 10088 X5CrNi18-10

PRESSURE/ TEMPERATURE RATING

- ✓ 16 bar from -0°C to 80°C
- WRAS Approved to - 10°C to 85°C

HYDROSTATIC TEST PRESSURE

- ✓ Shell - 24 bar
- ✓ Seat - 17.6 bar

Main Dimensions (mm)

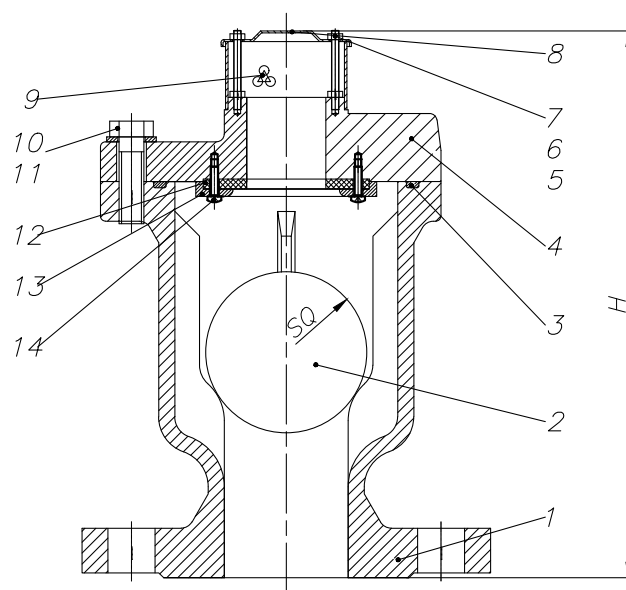
Size	DN50	DN65	DN80	DN100	DN150	DN200
L	211	270	270	290	345	285
H	65	94	94	110	150	150

Corrosion Protection

WRAS Listed Fusion Bonded Epoxy Coating with a minimum thickness of 250 microns for excellent corrosion resistance

Notes

1. Maximum Working Pressure: 16bar or 232 psi
2. Suitable connection flange: EN 1092-2, PN10/PN16
3. Fusion Bonded Coated or Liquid Epoxy Painted Interior and Exterior



Notes

Specifications, materials and dimensions shown are subject to change without prior notice

