



Double Orifice Air Relief Valve Fig. VA910

Specification

- ✓ Automatically releases accumulated small volumes of air during normal pressurized system operation
- ✓ Rapidly exhausts large volumes of air during pipeline filling and system start-up
- ✓ Allows large volumes of air to enter the pipeline during draining or negative pressure conditions
- ✓ Provides protection against pipeline collapse caused by vacuum conditions
- ✓ Maximum Working Pressure: 16 bar (232 psi)
- ✓ Flanged connection to EN 1092-2, PN16
- ✓ Large and Small Float Balls: Stainless Steel 304
- ✓ Seat: EPDM/NBR
- ✓ Internal and external Fusion Bonded Epoxy (FBE) coating
- ✓ Suitable for water supply, HVAC and water distribution systems

Material Specification

Item	Part Name	Material	Specification
1	Body	Ductile Iron	EN-GUS-450-10
2	Gasket	Rubber	EN 681 EPDM/NBR
3	Bonnet	Ductile Iron	EN-GUS-450-10
4	Larger Ball	Stainless Steel	EN 10088 X5CrNi18-10
5	Small Ball	Stainless Steel	EN 10088 X5CrNi18-10
6	Orifice Cap	Stainless Steel	EN 10088 X5CrNi18-10
7	Screen	Stainless Steel	EN 10088 X5CrNi18-10
8	Rubber Seat	Rubber	EN 681 EPDM/NBR
9	Stem Seal	Stainless Steel	EN 10088 X5CrNi18-10

PRESSURE/ TEMPERATURE RATING

- ✓ 16 bar from -10°C to 120°C
- WRAS Approved to -10°C to 85°C

HYDROSTATIC TEST PRESSURE

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

Main Dimensions (mm)

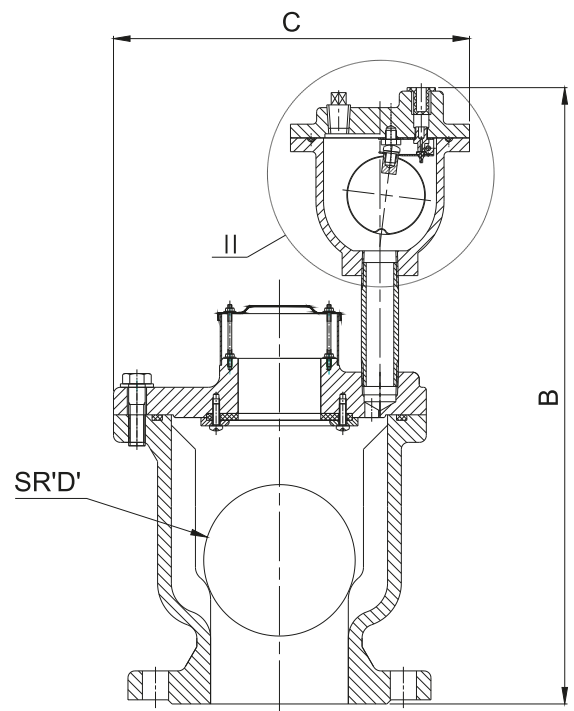
Size	DN50	DN65	DN80	DN100	DN150	DN200
B	370	425	425	450	490	540
C	191	230	230	260	320	-
D	65	94	94	110	150	150

Corrosion Protection

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

Options

- ✓ Other material types are available upon request



Notes

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

