

## Double Orifice Air Relief Valve

FIG. LV9101A

### Specifications

- Dual air release vent the accumulated small volumes of air during normal system operation
- Allow inflow of large volumes of air during draining of the pipeline
- Allow venting of large volumes of air during filling of the pipeline
- Provide protection from pipeline collapse due to vacuum
- Flange and drilling complies with EN1092-2 PN16 (other types are available upon request)

### Working Pressure and Temperature

- 16 bar / 250 psi rated at -10°C to 120°C

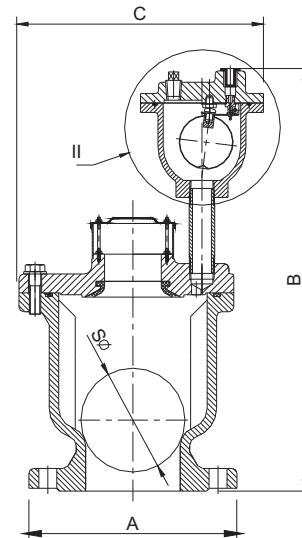
### Corrosion Protection

- Fusion bonded coating or liquid epoxy painted interior and exterior

### Material Specifications

Part	Material	EN Specification	ASTM Specification
Body	Cast Iron	EN 1561, EN-GJL-250	A126 Class B
Cover	Cast Iron	EN 1561, EN-GJL-250	A126 Class B
Larger Ball	Stainless Steel	EN10213, GX5CrNi19-10	A351 Grade CF8
Small Ball	Stainless Steel	EN10213, GX5CrNi19-10	A351 Grade CF8
Gasket	Rubber	EN 681 EPDM/NBR	D2000 EPDM/NBR
Cap	Stainless Steel	EN10088-3, X5CrNi18-10	A276 Grade 304
Screen	Stainless Steel	EN10088-3, X5CrNi18-10	A276 Grade 304

### Schematic



### Main Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN150	DN200
A	165	185	200	220	285	340
B	370	425	425	450	490	540
C	190.5	230	230	260	320	341
SΦ	65	94	94	110	150	150
II	1/2"	3/4"	3/4"	3/4"	3/4"	3/4"

### Notes

- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.