

## Single Orifice Air Relief Valve

FIG. LV9100

### Specifications

- Provides the functions of both Air Release and Air / Vacuum Valves
- Exhausts large quantities of air at system start-up
- Provides protection from pipeline collapse due to vacuum
- Incorporates both features within one valve, More compact and economical
- Flange and drilling to EN1092-2 PN10/16; ANSI B16.1 Class125

### Working Pressure and Temperature

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

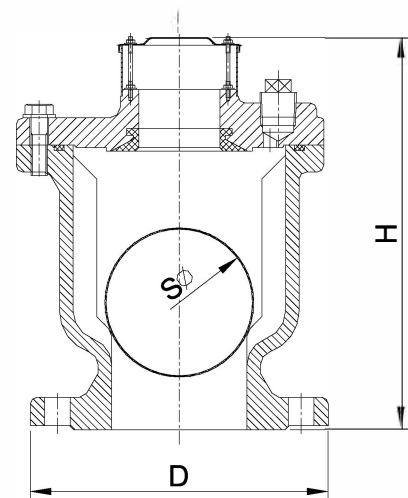
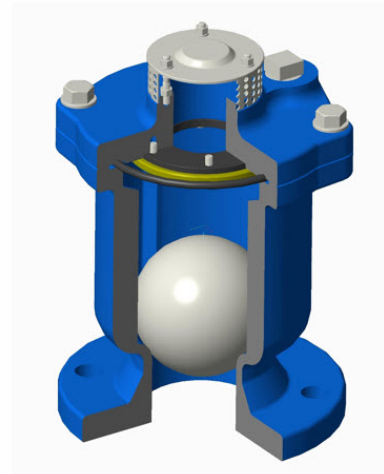
### Corrosion Protection

- 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 ClassB
Ball	Stainless Steel	EN 10213, GX5CrNi19-10	A35 1 Grade CF8
Seat	Rubber	EN681, EPDM/NBR	EPDM/NBR
Bonnet	Cast Iron	EN 1561, EN-GJL-250	A126 ClassB
Cover	Stainless Steel	EN10088-3, X5CrNi18-10	A276 Grade 304
Gasket	Rubber	EN681, EPDM/NBR	D2000 EPDM/NBR
Bonnet Bolts	Carbon Steel	Carbon Steel, Gr.4.8	A307 Grade B
Stud Bolts	Stainless Steel	BS970 304S15	A2-70

### Schematic



### Main Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN150	DN200
D	165	185	200	220	285	340
SΦ	65	94	94	110	150	150
H	221	270	270	290	345	285

#### Notes

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