

Silent Check Valve

FIG. 5106

Specifications

- Complies with requirements of EN 16767.
- The design is for liquid service and offers many obvious advantages when compared with conventional swing check valve.
- Spring automatically closes disc at zero flow before flow reversal occurs. This prevents surge and water hammer.
- Completely guided disc both top and bottom.
- Perfect tightness soft sealed even at low differential pressure.
- Flanged and drilling complies with EN1092-2 PN10/16; ANSI B 16.1 Class125 .
- WRAS approved: DN50-DN300, CI body, EPDM seated for potable water.

Working Pressure and Temperature

- 16 bar/250 psi rated at -10°C to 120°C for EPDM disc ring.
- 16 bar/250 psi rated at -10°C to 82°C for NBR disc ring.

Corrosion Protection

- Fusion bonded coating interior and exterior.

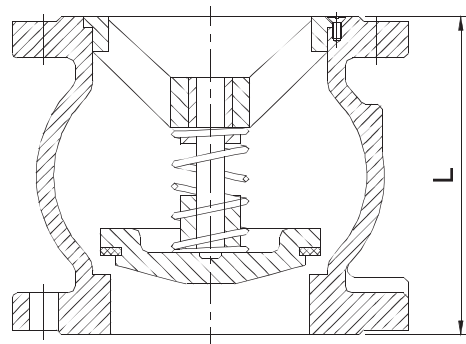
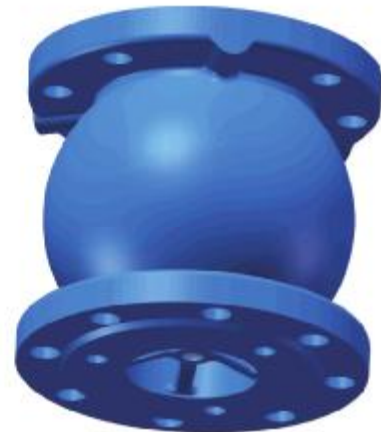
Options

- Ductile Iron construction for 25bar /300 psi, DN350 and larger size .

Material Specifications

Part	Material	EN Specification	ASTM Specification
Body	Cast Iron	EN 1561, EN-GJL-250	A126 Class B
Seat	CI Integral	EN 1561, EN-GJL-250	A126 Class B
Disc	Cast Iron	EN 1561, EN-GJL-250	A126 Class B
Disc Ring	Rubber	EN 681, EPDM/NBR	D2000, EPDM/NBR
Spring	Stainless Steel	EN 10088-3, X5CrNi18-10	A276 Grade 304
Bushing	Bronze	EN 1982, CC491K	B62 C83600
Stem	Stainless Steel	EN 10088-3, X20Cr13	A276 Grade 420
	Brass	EN 12164, CW614N	B16 C36000
Bracket	Cast Iron	EN 1561, EN-GJL-250	A126 Class B

Schematic



Main Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400
L	100	120	140	170	200	230	288	354	410	460	500

Notes

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