Silent Check Valve
Bronze Seat & SS Seat

FIG. 5104A
FIG. 5105A

Specifications

- 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 .

Schematic

Working Pressure and Temperature

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

Corrosion Protection

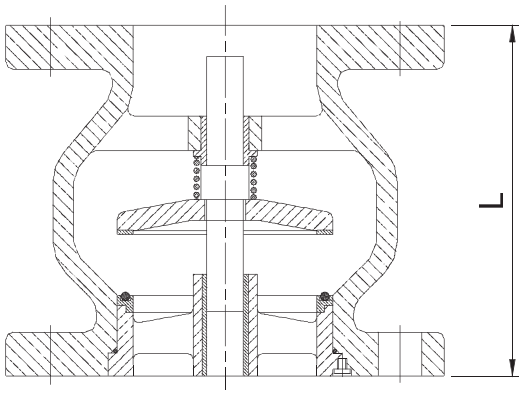
- Fusion bonded coating interior and exterior.

Options

- PN25 /300 psi available.
- Ductile iron body.

Material Specifications

Part	Material	EN Specification	ASTM Specification
Body	Cast Iron	EN 1561,EN-GJL-250	A126 Class B
Seat	Stainless Steel	EN 10213,GX5CrNi19-10	A351 Grade CF8
	Bronze	EN 1982,CC491K	B62 C83600
Seat Holder	Ductile Iron	EN 1563,EN-GJS-450-10	A536 65-45-12
Disc Ring	Stainless Steel	EN 10213,GX5CrNi19-10	A351 Grade CF8
	Bronze	EN 1982,CC491K	B62 C83600
Disc	Ductile Iron	EN 1563,EN-GJS-450-10	A536 65-45-12
Shaft	Stainless Steel	EN 10088-3,X20Cr13	A276 Grade 420
Spring	Stainless Steel	EN 10088-3,X5CrNi18-10	A276 Grade 304
Bushing	Bronze	EN 1982,CC491K	B62 C83600
Seat O-ring	Rubber	EN 681,EPDM/NBR	D2000, EPDM/NBR



Main Dimensions (mm)

Size	DN50	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200	DN 250	DN 300	DN 350	DN 400
L	133	140	152	185	216	248	318	393	362	400	446

Notes

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

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