

Grooved Ends Swing Check Valve

FIG. LV5904

Specifications

- Globe shape to provide full flow with low pressure drop
- Rubber coated disc for perfect tightness at low differential pressure
- Groove dimension comply with Metric or AWWA C606 standard

Working Pressure

- 16 bar/200 psi

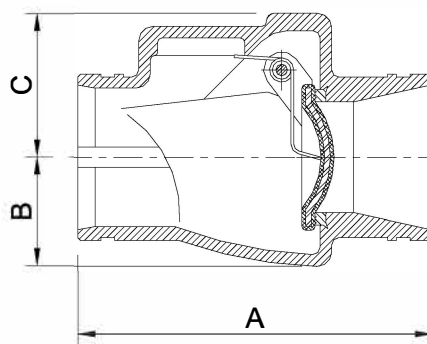
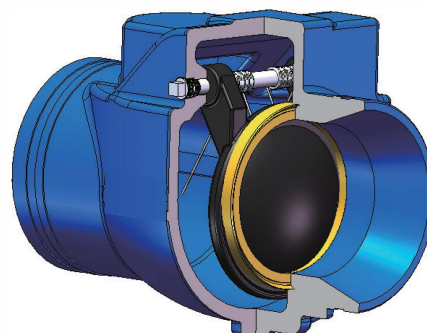
Working Temperature

- -10°C to 120°C for EPDM encapsulated disc
- -10°C to 82°C for NBR encapsulated disc

Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated (FBE)

Schematic



Material Specifications

Part Name	Material	EN Specification	ASTM Specification
Body	Ductile Iron	EN-GJS-450-10	A536 Grade 65-45-12
Disc	DI EPDM / NBR Coated	EN-GJS-450-10	A536 Grade 65-45-12
Seat	Stainless Steel	EN10088, X5CrNi	A351 Grade CF8M
	Bronze	EN1982, CuALL0Fe2(CC331G)	B62 C83600
Spring	Stainless Steel	EN 10088 X5CrNi18-10	A276 Grade 304
Shaft	Stainless Steel	EN10088, X20Cr13	A276 Grade 420
Gasket	Rubber	Commercial	D2000 EPDM/NBR
Shaft Plug	Stainless Steel	EN 10088 X5CrNi18-10	A276 Grade 304

Dimensions(mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
A	99	99	108	254	267	292	356	432	495
B	36	45	49	76	111	105	130	163	188
C	47	57	68	99	114	127	154	188	205

Notes

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