

Grooved Ends Swing Check Valve

FIG. 5904

Specifications

- Superior design featuring exceptionally low pressure losses at high flow rates.
- Rubber encapsulated disc facing and bronze seat ring.
- Spring loaded for fast closure.
- Grooved connections are cut in accordance with AWWA C606 or other standard groove specifications for steel pipe .

Working Pressure

- 20 bar, 300 psi.

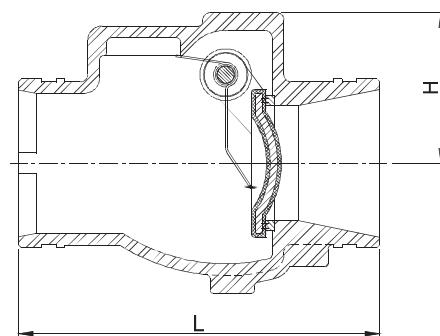
Working Temperature

- -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 Encapsulated	EN-GJS-450-10	A536 Grade 65-45-12
Seat Ring	Bronze	EN1982, CuAlLOFe2(CC331G)	B62 C83600
Spring	Stainless Steel	EN 10088 X5CrNi18-10	A276 Grade 304
Shaft	Stainless Steel	EN 10088 X5CrNi18-10	A276 Grade 304
Shaft Plug	Stainless Steel	EN 10088 X5CrNi18-10	A276 Grade 304

Main Dimensions (mm/inch)

Size	2	2.5	3	4	5	6	8	10	12
L	190/7.5	203/8.0	213/8.38	245/9.65	267/10.5	292/11.5	356/14.0	432/17.0	495/19.5
H	66/2.5	75/3.0	90/3.5	105/4.0	115/4.5	140/5.5	165/6.5	200/8.0	215/8.5

Notes

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