

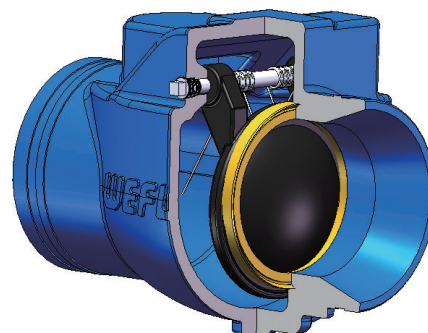
Grooved Ends Swing Check Valve

FIG. 5904

Specifications

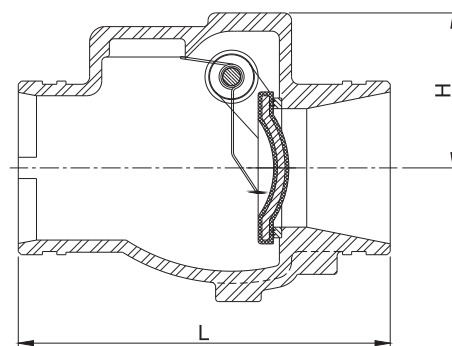
- Superior design featuring exceptionally low pressure losses at high flow rates.
- Rubber encapsulated disc facing and bronze seat ring.
- Spring loaded for fast closure.
- Grooved connections are cut in accordance with AWWA C606 or other standard groove specifications for steel pipe .
- Rated Working Pressure 20 bar, 300 psi.

Schematic



Corrosion Protection

- Internally and Externally Fusion Bonded Epoxy Powder Coated (FBE).



Material Specifications

| Part | Material | EN Specification | ASTM Specification |
|------------|-----------------------------|-----------------------|---------------------|
| Body | Ductile Iron | EN 1563 EN-GJS-450-10 | A536 Grade 65-45-12 |
| Disc | DI, EPDM / NBR Encapsulated | EN 1563 EN-GJS-450-10 | A536 Grade 65-45-12 |
| Seat Ring | Bronze | EN 1982 CuSn5Zn5Pb5 | B62 C83600 |
| Spring | Stainless Steel | EN 10088 X5CrNi18-10 | A276 Type 304 |
| Shaft | Stainless Steel | EN 10088 X5CrNi18-10 | A276 Type 304 |
| Shaft Plug | Stainless Steel | EN 10088 X5CrNi18-10 | A276 Type 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.