

## C509 OS&Y Resilient Seated Gate Valve FL x PO Ends & PO x PO Ends

### Specifications

- Meet or exceed the requirements of AWWA C509 Standard.
- Full Waterway.
- Robust Design.
- Adjustable Packing
- Rubber Fully Encapsulated Ductile Iron Wedge.
- Handwheel - open left or open right.
- Face to Face Dimension complies with ASME B16.10.
- Flange and Drilling comply with ASTM B16.1 Class 125.
- Push-on Joints Outlet complies with ANSI/AWWA C110/A21.10 Standard.
- Rated Working Pressure: 300 psi.

### Corrosion Protection

- Fusion Bonded Epoxy Coated Interior and Exterior to AWWA C550 Standard.

### Material Specification

Part	Material	ASTM Specification
Body	Ductile Iron	A536 Grade 65-45-12
Wedge	EPDM Fully Encapsulated Ductile Iron	
Wedge Nut	Stainless Steel	A351 Grade CF8
Bonnet	Ductile Iron	A536 Grade 65-45-12
Stem	Stainless Steel	A276 Type 304
Stem Nut	Bronze	B148 C95200
Packing	Graphite	Non-Asbestos
Gland	Ductile Iron	A536 Grade 65-45-12
Gland Stud	Stainless Steel	F593 Grade 304
Fasteners	Stainless Steel	F593 Grade 304
Body / Bonnet Gasket	EPDM	D2000
Handwheel	Ductile Iron	A536 Grade 65-45-12

### Options

- 200 psi or 250 psi rated.
- ASTM B150 or other Standard Bronze Stem.
- ASTM A276 Type 316 Stem.
- Stainless Steel Fasteners: A4-70.
- Other Flange Types available upon request.

### Main Dimensions (mm/inch)

Size	4	6	8	10	12
L-FL x PO	292/11.5	322/12.7	373/14.7	399/15.7	415/16.3
L-PO x PO	351/13.8	376/14.8	454/17.9	468/18.4	473/18.6
H (OPEN)	615/24.2	795/31.3	1010/39.8	1200/47.2	1415/55.7
D	255/10.0	305/12.0	355/14.0	445/17.5	445/17.5

#### Notes

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

### Schematic

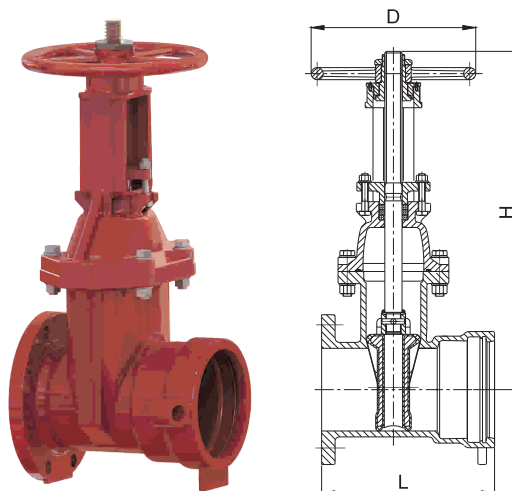


FIG.F1711-300-FP, FLXPO Ends

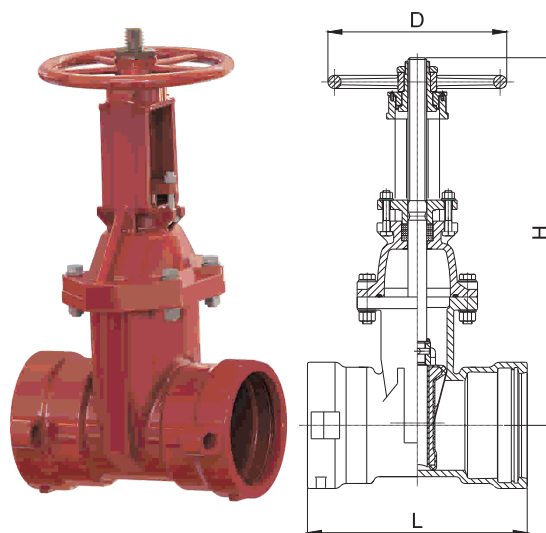


FIG.F1711-300-P, POXPO Ends