

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

FIG. F1711-300

### Specifications

- Meet or exceed the requirements of AWWA C509 standard.
- Full waterway.
- Robust design.
- Bolted bonnet.
- 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 complies with ASTM B16.1 Class 125.
- Push-on joints outlet complies with ANSI/AWWA C110/A21.10 standard.

- UL/ULC 262 listed and FM 1120/1130 approved .
- Certificated to ANSI/NSF 61 & 372.

### Working Pressure and Temperature

- 300 psi rated @ -10°C to 82°C

### Corrosion Protection

- Fusion bonded coating interior and exterior meet or exceed all applicable of AWWA C550 standard.

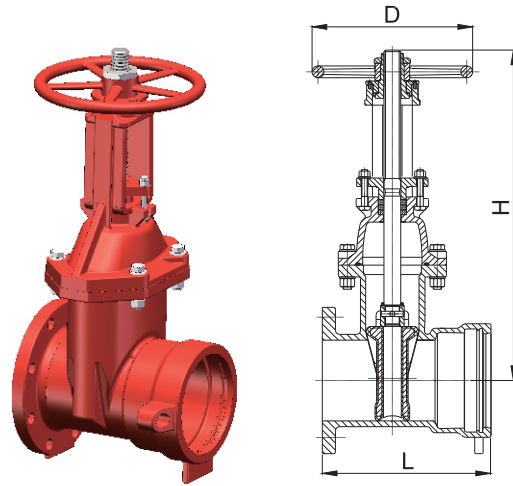
### Options

- 200 psi or 250 psi rated.
- ASTM B150 or other standard bronze stem.
- ASTM A276 Grade 316 stem.
- Stainless steel fasteners: A4-70.
- Other flange types available upon request.

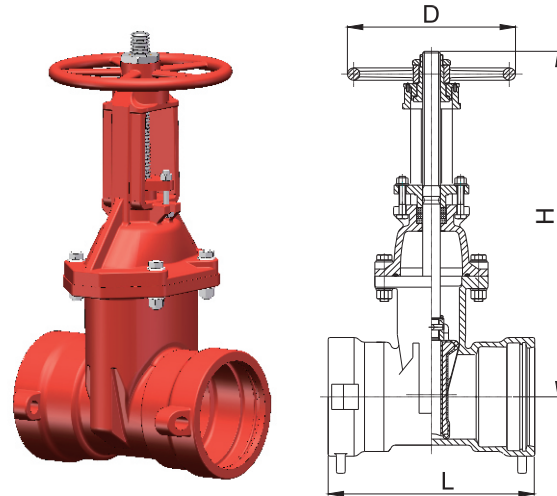
### Material Specification

Part	Material	ASTM Specification
Body	Ductile Iron	A536 Grade 65-45-12
Wedge	EPDM Fully Encapsulated Ductile Iron	
Wedge Nut	Stainless Steel	A351 Grade CF 8
Bonnet	Ductile Iron	A536 Grade 65-45-12
Stem	Stainless Steel	A276 Grade 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
Plug	Malleable Iron	A47 Grade 22010
Handwheel	Ductile Iron	A536 Grade 65-45-12

### Schematic



FL x PO



PO x PO

### 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)	610/24.0	790/31.0	1015/40.0	1195/47.0	1425/56.0
D	255/10.0	305/12.0	356/14.0	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.