

C509 OS&Y Resilient Seated Gate Valve Flanged Ends

FIG. F1711-300-F

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 comply with ASME B16.10 and EN 558 Series 3.
- Flange and Drilling comply with ASME B16.1 Class 125.
- UL / ULC 262 Listed and FM 1120 / 1130 Approved.
- Certificated to ANSI / NSF 61 & 372.
- 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	2	2.5	3	4	6	8	10	12
L	178/7.0	190/7.5	203/8.0	229/9.0	267/10.5	292/11.5	330/13.0	356/14.0
H (OPEN)	400/15.7	420/16.5	505/19.9	615/24.2	795/31.3	1010/39.8	1200/47.2	1415/55.7
D	185/7.25	185/7.25	255/10.0	255/10.0	305/12.0	355/14.0	445/17.5	445/17.5

Notes

- 2.5" to 12" valves are ULC listed.
- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.

Schematic

