

C509 OS&Y Resilient Wedge Gate Valve Flanged Ends

MODEL 3600

Specifications

- Meet or exceed the requirements of AWWA C509 standard.
- Full waterway.
- Bolted bonnet.
- EPDM Fully Encapsulated Ductile Iron Wedge.
- Handwheel-open left or open right.
- Face to face dimension complies with ASME B16.10 and EN 558 series 3.
- Flange and drilling complies with ASTM B16.1 Class 125.

- UL/ULC 262 listed, 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.

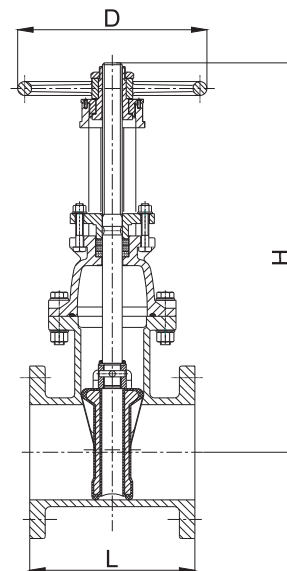
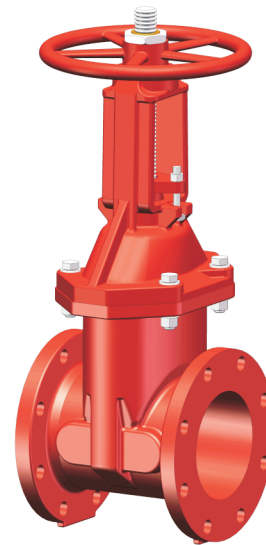
Options

- ASTM B150 or other standard bronze stem.
- ASTM A276 Grade 316 stem.
- 316 Stainless steel fasteners.

Material Specification

Part	Material	ASTM Specification
Body	Ductile Iron	A536 Grade 65-45-12
Wedge	EPDM Fully Encapsulated Ductile Iron Wedge	
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	NBR	D2000
Handwheel	Ductile Iron	A536 Grade 65-45-12

Schematic



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)	395/15.5	426/16.5	499/19.7	620/24.5	800/31.5	1015/40.0	1210/47.5	1450/57.0
D	185/7.25	185/7.25	255/10.0	255/10.0	305/12.0	356/14.0	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.