

C509 NRS Resilient Seated Gate Valve Thread x Thread

Specification

- Manufactured to ANSI / AWWA C509 Standard
- Threaded Ends - National Pipe Thread (NPT).
Other Threads Types available.
- Resilient Seated / EPDM Encapsulated DI Wedge.
- 2" Square Operating Nut or Hand Wheel (Optional).
- High Strength Ductile-Iron Construction.
- Stainless Steel Stem.
- UL / ULC Listed for size 2.5"-3".
- FM Approved.
- Rated Working Pressure: 300 psi.

Material Specification

Part	Material	ASTM Specification
Body	Ductile Iron	A536 Grade 65-45-12
Wedge	EPDM Fully Encapsulated Ductile Iron	
Wedge Nut	Bronze	B148 C95200
Bonnet	Ductile Iron	A536 Grade 65-45-12
Stem	Stainless Steel	A276 Type 304
Gland	Ductile Iron	A536 Grade 65-45-12
Operating Nut	Ductile Iron	A536 Grade 65-45-12
Post Flange	Ductile Iron	A536 Grade 65-45-12
Fasteners	Stainless Steel	F593 Grade 304
Body/Bonnet Gasket	EPDM	D2000

Options

- 200 psi or 250 psi rated.
- ASTM B150 or other Standard Bronze Stem.
- ASTM A276 Type 316 Stem.

Main Dimensions (mm/inch)

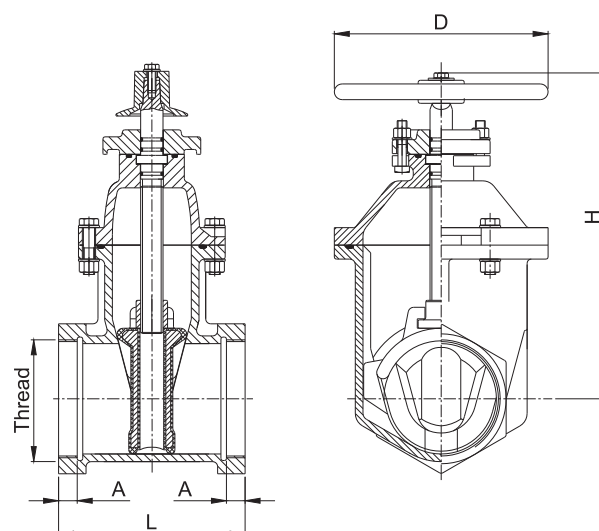
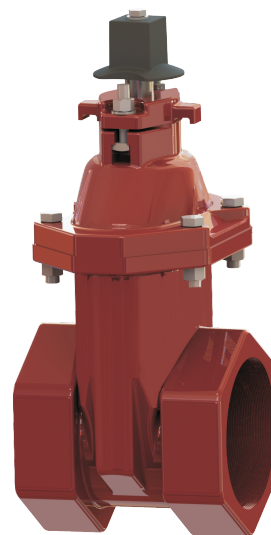
Size	2	2.5	3
L	178/7.0	190/7.5	203/8.0
A	23/0.9	28/1.1	31/1.2
H	250/9.8	265/10.4	310/12.2
D	185/7.25	185/7.25	255/10.0
Thread	2"	2-1/2"	3"

FIG. F1811-300-T

Corrosion Protection

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

Schematic



Note

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