

C509 NRS Resilient Seated Gate Valve FL x MJ Ends & MJ x MJ Ends

FIG. F1811-300-FM FIG. F1811-300-M

Specifications

- Meet or exceed the requirements of AWWA C509 Standard.
- Full Waterway.
- 2" Square Operating Nut.
- Robust Design.
- Rubber Fully Encapsulated Ductile Iron Wedge.
- Triple O-Ring Stem Seal.
- Face to Face Dimension complies with ASME B16.10.
- Flange and Drilling comply with ASTM B16.1 Class 125.
- Mechanical Joints Outlet complies with ANSI/AWWA C110/A21.10 standard.
- UL/ULC 262 Listed, 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	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.
- With Post Flange.
- Other Flange Types available upon request.

Main Dimensions (mm/inch)

Size	4	6	8	10	12
L-FL x MJ	241/9.5	280/11.0	305/12.0	353/13.9	368/14.5
L-MJ x MJ	255/10.0	292/11.5	318/12.5	375/14.8	378/15.0
H	360/14.2	465/18.3	560/22.0	640/25.2	740/29.1
D	255/10.0	305/12.0	355/14.0	445/17.5	445/17.5

Notes

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

Schematic

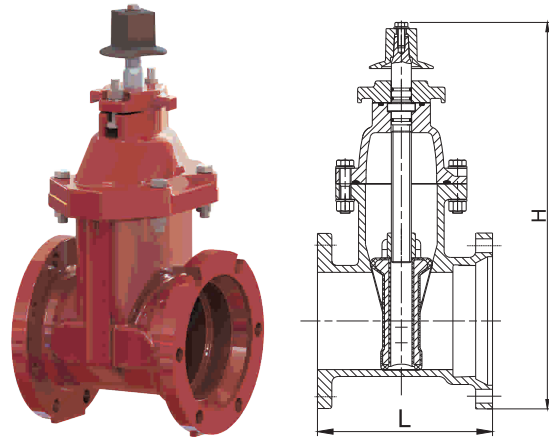


FIG.F1811-300-FM, FL x MJ Ends

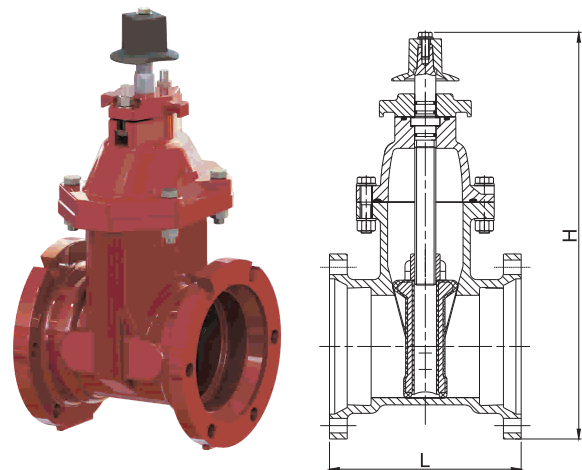


FIG.F1811-300-M, MJ x MJ Ends