

C515 NRS Resilient Seated Gate Valve Flanged Ends

FIG. F0211-300

Specifications

- Meet or exceed the requirements of AWWA C515 Standard.
- Full Waterway.
- Handwheel or 2" Square Operating Nut.
- Rubber Fully Encapsulated Ductile Iron Wedge.
- Triple O-Ring Stem Seal.
- Face to Face Dimension comply with ASME B16.10 and EN558 Series 3.
- Flange and Drilling comply with ASME B16.1 Class 125.
- UL / ULC 262 Listed, FM 1120 / 1130 Approved Certified.
- ANSI / NSF 61 & 372 Certified, CNBOP Certified.
- 3C certified for size 2" to 10".
- Rated Working Pressure: 300 psi.

Material Specifications

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
Thrust Collar	Bronze	B148 C95200
Operating Nut	Ductile Iron	A536 Grade 65-45-12
Post Flange	Ductile Iron	A536 Grade 65-45-12
Fasteners	Carbon Steel	A307 Grade B
Body / Bonnet Gasket	EPDM	D2000

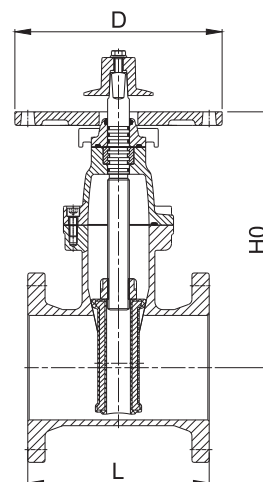
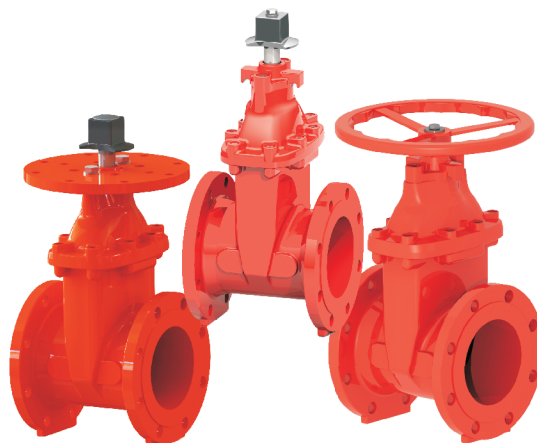
Options

- ASTM B150 or other Standard Bronze Stem.
- ASTM A276 Type 316 Stem.
- Stainless Steel Fasteners: A2-70 or A4-70.
- Without Post Flange and with handwheel.
- Other Flange Types available upon request.

Corrosion Protection

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

Schematic



Main Dimensions (mm/inch)

Size	2	2-1/2	3	4	5
L	178/7.0	190/7.5	203/8.0	229/9.0	254/10.0
H0	N/A	N/A	N/A	283/11.2	367/14.4
D	N/A	N/A	N/A	305/12.0	305/12.0

Size	6	8	10	12	-
L	267/10.5	292/11.5	330/13.0	356/14.0	-
H0	377/14.9	462/18.2	551/21.7	633/25.0	-
D	305/12.0	305/12.0	305/12.0	305/12.0	-

Notes

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