

## C515 OS&Y Resilient Seated Gate Valve Flanged Ends

**FIG. F0111-300**  
**FIG. F1111-250/200**

### Specifications

- Meet or exceed the requirements of AWWA C515 Standard.
- Full Waterway.
- Adjustable Packing.
- Rubber Fully Encapsulated Ductile Iron Wedge.
- Handwheel - open left or open right.
- Face to Face Dimension complies with ASME B16.10 and EN558 series 3.
- Flange and Drilling complies with ASTM B16.1 Class 125.
- UL/ULC 262 Listed, FM 1120/1130 Approved.
- ANSI/NSF 61 & 372 Certified.
- CNBOP Certified.
- Rated Working Pressure:  
300 psi for 2" to 12"  
250 psi for 14" to 18"  
200 psi for 20" to 24"

### Material Specifications

Part	Material	ASTM Specification
<b>Body</b>	Ductile Iron	A536 Grade 65-45-12
<b>Wedge</b>	EPDM Fully Encapsulated Ductile Iron	
<b>Wedge Nut</b> 14"-24"	Bronze	B148 C95200
<b>Bonnet</b>	Ductile Iron	A536 Grade 65-45-12
<b>Stem</b>	Stainless Steel	A276 Type 304
<b>Yoke</b>	Ductile Iron	A536 Grade 65-45-12
<b>Stem Nut</b>	Bronze	B148 C95200
<b>Packing</b>	Graphite	Non-Asbestos
<b>Gland</b>	Ductile Iron	A536 Grade 65-45-12
<b>Gland Stud</b>	Stainless Steel	F593 Grade 304
<b>Fasteners</b>	Carbon Steel	A307 Grade B
<b>Body/Bonnet Gasket</b>	EPDM	D2000
<b>Handwheel</b>	Ductile Iron	A536 Grade 65-45-12

### Options

- With Supervisory Tamper Switch.
- ASTM B150 or other Standard Bronze Stem.
- ASTM A276 Type 316 Stem.
- Stainless Steel Fasteners: A2-70 or A4-70.
- BURN-S (SBR) available for Frecking Waste Water.
- Other Flange Types available upon request.

### Main Dimensions (mm/inch)

Size	2	2.5	3	4	5	6	8
<b>L</b>	178/7.0	190/7.5	203/8.0	229/9.0	254/10.0	267/10.5	292/11.5
<b>H (OPEN)</b>	395/15.5	435/17.1	505/19.9	570/22.4	755/29.7	765/30.1	965/38.0
<b>D</b>	185/7.3	185/7.3	255/10.0	255/10.0	305/12.0	305/12.0	355/14.0

Size	10	12	14	16	18	20	24
<b>L</b>	330/13.0	356/14.0	381/15.0	406/16.0	432/17.0	457/18.0	508/20.0
<b>H (OPEN)</b>	1150/45.3	1340/52.8	1660/65.4	1860/73.0	2082/82.0	2290/90.0	2695/105.3
<b>D</b>	445/17.5	445/17.5	535/21.1	535/21.1	610/24.0	610/24.0	762/30.0

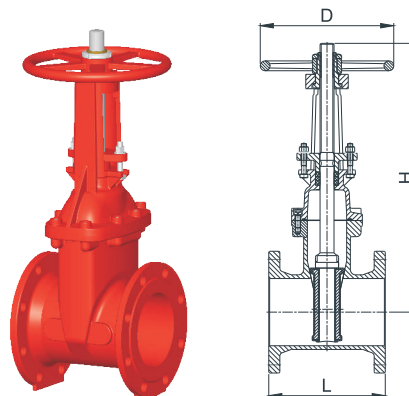
### Notes

- 2.5" to 24" valves are ULC listed.
- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.

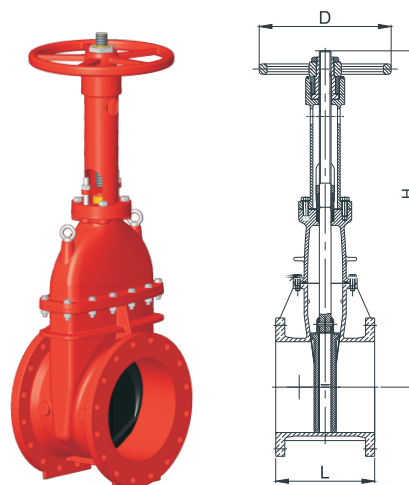
### Corrosion Protection

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

### Schematic



**FIG. F0111-300, Size 2" to 12"**



**FIG. F1111-250, Size 14" to 18"**  
**FIG. F1111-200, Size 20" to 24"**