

AWWA C515 NRS Resilient Seated Gate Valve

FIG. 3248

Specification

- Meet or exceed the requirements of AWWA C515 standard.
- Full Waterway.
- 2" Square Operating Nut.
- 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.
(Other Flange Types available upon request)
- Rated Working Pressure
300 psi for 2" to 12"
250 psi for 14" to 18"
200 psi for 20" to 30"

Corrosion Protection

- Fusion Bonded Coating Interior and Exterior meet or exceed all applicable of AWWA C550 standard.

Material Specification

| Part | Material | ASTM Specification |
|---------------------|--------------------------------------|---------------------|
| Body | Ductile Iron | A536 Grade 65-45-12 |
| Bonnet | Ductile Iron | A536 Grade 65-45-12 |
| Wedge | EPDM Fully Encapsulated Ductile Iron | |
| Thrust Collar | Bronze | B148 C95200 |
| Wedge Nut | Bronze | B148 C95200 |
| Stem | Stainless Steel | A276 Type 304 |
| O-Ring | Rubber | D2000 NBR |
| Body/ Bonnet Gasket | Rubber | D2000 EPDM |
| Gland | Ductile Iron | A536 Grade 65-45-12 |
| Fasteners | Carbon Steel | A307 Grade B |
| Operating Nut | Ductile Iron | A536 Grade 65-45-12 |
| Handwheel | Ductile Iron | A536 Grade 65-45-12 |

Options

- ASTM A276 Type 316 Stem.
- Stainless Steel Fasteners: A2-70 or A4-70.
- With Post Flange.
- Operated with Handwheel, Operating Nut, Gearbox or Actuator.

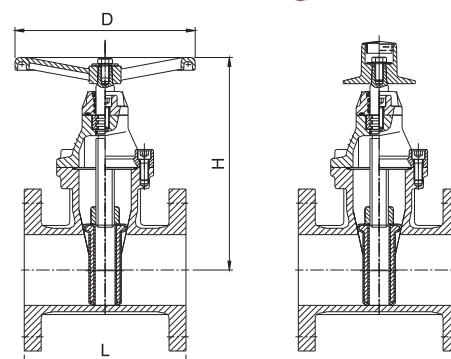
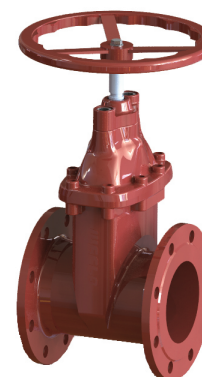
Main Dimensions (mm)

| Size | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" | 10" | 12" | 14" | 16" | 18" | 20" | 24" | 30" |
|------|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| L | 178 | 191 | 203 | 229 | 254 | 267 | 292 | 330 | 356 | 381 | 406 | 432 | 457 | 508 | 610 |
| H | 265 | 280 | 305 | 340 | 380 | 455 | 540 | 630 | 710 | 820 | 890 | 1005 | 1085 | 1240 | 1730 |
| D | 175 | 175 | 175 | 255 | 305 | 305 | 355 | 405 | 405 | 558 | 558 | 558 | 610 | 762 | - |

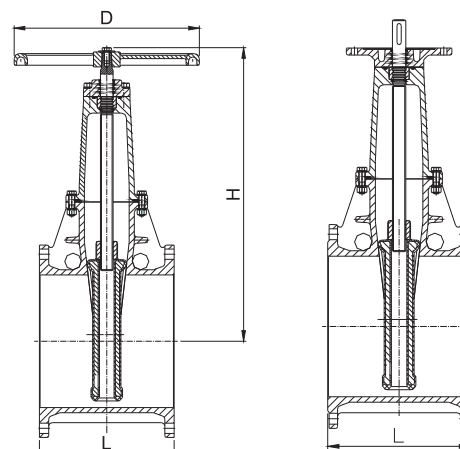
Notes

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

Schematic



Size 2" - 12"



Size 14" and above