

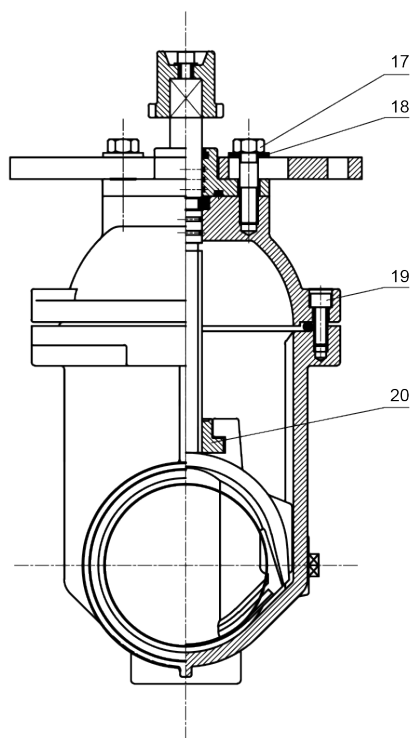
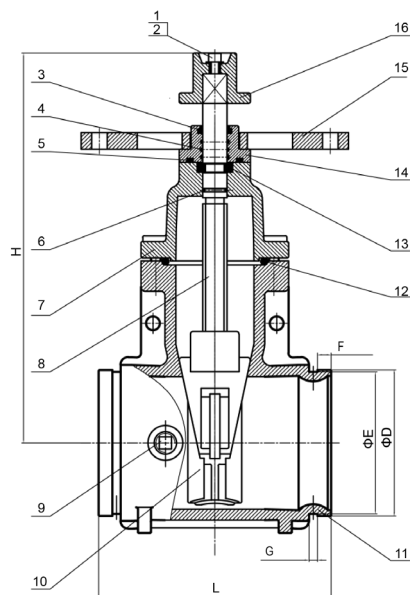
300PSI NRS Grooved End Gate Valve

Model: NRS-RED

Resilient Wedge NRS Gate Valve – Grooved End

Version 1.01
January 2025 release

300PSI NRS Grooved End Gate Valve Model: NRS-RED



Technical Features

| | |
|--|---|
| Nominal Pressure | 300PSI |
| Groove Standard | Metric or ANSI / AWWA C606 |
| Face to Face Standard | ASME B16.10 |
| Sizes | 2½", 3", 4", 5", 6", 8", 10", 12" |
| Approvals | UL & FM |
| Maximum Working Pressure | 300PSI (Maximum Testing Pressure: 600 PSI) conforms to UL262 & FM 1120 / 1130 |
| Maximum Working Temperature | 80°C / 176°F |
| Coating Details | Epoxy coated interior and exterior by Electrostatic Spray or coating upon request |
| NPT plug on body with 2 operating nuts | |

Valve Material List

| No | Description | Material |
|----|----------------------|-----------------------------------|
| 1 | Flat Washer | Steel 1045 or Stainless Steel 304 |
| 2 | Hexagon Socket Screw | Steel 1045 or Stainless Steel 304 |
| 3 | Sealing Ring | EPDM |
| 4 | O-Ring | EPDM |
| 5 | Sealing Ring | EPDM |
| 6 | O-Ring | EPDM |
| 7 | Bonnet | Ductile Iron |
| 8 | Stem | Stainless Steel 304 or C95400 |
| 9 | Plug | Stainless Steel 304 or C95400 |
| 10 | Disc | Ductile Iron + EPDM |
| 11 | Body | Ductile Iron |
| 12 | Sealing Ring | EPDM |
| 13 | Retaining Ring | C95400 |
| 14 | Gland | Ductile Iron |
| 15 | Post Flange | Ductile Iron |
| 16 | Wrench Nut | Ductile Iron |
| 17 | Bolt | Stainless Steel 304 or Steel 1045 |
| 18 | Washer | Stainless Steel 304 or Steel 1045 |
| 19 | Hexagon Socket Screw | Steel 1045 or Stainless Steel 304 |
| 20 | Stem Nut | CF8 or C95400 |

Dimensions

| Part No. | Size | DN | L | F | D | E | G | H |
|-------------|------|-----|-----|------|-------|-------|------|-----|
| NRS-RED-065 | 2 ½" | 65 | 190 | 15.9 | 73 | 69.1 | 7.9 | 292 |
| | | | | | 76.1 | 72.3 | | |
| NRS-RED-080 | 3" | 80 | 203 | 15.9 | 88.9 | 84.9 | 7.9 | 322 |
| NRS-RED-100 | 4" | 100 | 229 | 15.9 | 114.3 | 110.1 | 9.5 | 342 |
| NRS-RED-125 | 5" | 125 | 254 | 15.9 | 139.7 | 135.5 | 9.5 | 412 |
| | | | | | 141.3 | 137 | | |
| NRS-RED-150 | 6" | 150 | 267 | 15.9 | 165.1 | 160.8 | 9.5 | 448 |
| | | | | | 168.3 | 163.9 | | |
| NRS-RED-200 | 8" | 200 | 292 | 19 | 216.3 | 211.6 | 11.1 | 534 |
| | | | | | 219.1 | 214.3 | | |
| NRS-RED-250 | 10" | 250 | 330 | 19 | 273 | 268.3 | 12.7 | 635 |
| NRS-RED-300 | 12" | 300 | 356 | 19 | 323.9 | 318.3 | 12.7 | 720 |



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