

200PSI NRS Flanged x Grooved End Gate Valve

Model: Z485

Resilient Wedge NRS Gate Valve – Flanged x Grooved End

Technical Features

- Nominal Pressure: 200PSI
- Flange Standard: ASME / ANSI B16.1 Class 125 or ASME / ANSI B16.42 Class 150 or BS EN1092-2 PN16 or GB / T9113.1
- Groove standard: ANSI / AWWA C606 or Metric
- Face to Face Standard: ASME B16.10.
- Sizes: 2", 2½", 3", 4", 5", 6", 8", 10", 12"
- Approvals: FM, UL, CUL, NSF / ANSI 61 & NSF / ANSI 372
- 2" without UL, CUL
- Maximum Working Pressure: 200PSI (Maximum Testing Pressure: 400 PSI) conforms to UL 262, ULC / ORD C262-92, 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
- Certified lead-free by NSF / ANSI 61 & NSF / ANSI 372 is available



Valve Material List

| NO. | Name | Material |
|-----|-----------------------|---------------------|
| 1 | Body | Ductile Iron |
| 2 | Disc | Ductile Iron+EPDM |
| 3 | Nut | C95400 |
| 4 | Gasket | EPDM |
| 5 | Stem | Stainless Steel 304 |
| 6 | Cap | Ductile Iron |
| 7 | Retainer Ring | C95400 |
| 8 | O-ring | EPDM |
| 9 | Wrench Nut | Ductile Iron |
| 10 | Minipad | Steel 1045 |
| 11 | Bolt | Steel 1045 |
| 12 | Stud | Steel 1045 |
| 13 | Nut | Steel 1045 |
| 14 | Flat Washer | Steel 1045 |
| 15 | Coupling Flange | Ductile Iron |
| 16 | Platen | Ductile Iron |
| 17 | Countersunk Head Bolt | Steel 1045 |

Dimensions

| Size | L | H | øD | øD1 | øE | F | G |
|------|-----|-----|-----|-------|-------|------|------|
| 2" | 178 | 265 | 152 | 60.3 | 57.15 | 15.9 | 7.9 |
| 2½" | 190 | 289 | 178 | 76.1 | 72.3 | 15.9 | 7.9 |
| 3" | 203 | 326 | 191 | 88.9 | 84.9 | 15.9 | 7.9 |
| 4" | 229 | 355 | 229 | 114.3 | 110.1 | 15.9 | 9.5 |
| 5" | 254 | 410 | 254 | 141.3 | 137 | 15.9 | 9.5 |
| 6" | 267 | 455 | 279 | 168.3 | 163.9 | 15.9 | 9.5 |
| 8" | 292 | 558 | 343 | 219.1 | 214.4 | 19 | 11.1 |
| 10" | 330 | 648 | 406 | 273 | 268.3 | 19 | 12.7 |
| 12" | 356 | 745 | 483 | 323.9 | 318.3 | 19 | 12.7 |

