

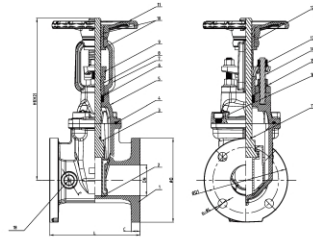
Flanged Resilient OS&Y Gate Valve

Fig. No. XZ41X

NSF/ANSI 61 NSF/ANSI 372
003073-7



XZ41X



MATERIAL SPECIFICATION

| Part No. | Part | Standard Specification | Options |
|----------|----------------------|--------------------------|---|
| 1 | Valve Body | ASTM A536, 65-45-12 | |
| 2 | Resilient Wedge Disc | ASTM A536, 65-45-12+EPDM | |
| 3 | Stem | AISI 420 | AISI 304, AISI 316, AISI 431, Al-bronze |
| 4 | Bonnet Gasket | EPDM | NBR |
| 5 | Bonnet | ASTM A536, 65-45-12 | |
| 6 | Packing | EPDM | |
| 7 | Yoke | ASTM A536, 65-45-12 | |
| 8 | Stem Bushing | Brass Hpb59-1 | |
| 9 | Gland | ASTM A536, 65-45-12 | |
| 10 | Stem Nut | Brass Hpb59-1 | Bronze ZQSn5-5-5 |
| 11 | Handwheel | ASTM A536, 65-45-12 | Pressed Steel |
| 12 | Washer | Brass Hpb59-1 | |
| 13 | Gland Nut | Carbon Steel Zinc Plated | AISI 304, AISI 316 |
| 14 | Stud | Carbon Steel Zinc Plated | AISI 304, AISI 316 |
| 15 | Flat Washer | Carbon Steel Zinc Plated | AISI 304, AISI 316 |
| 16 | Bolt | Carbon Steel Zinc Plated | AISI 304, AISI 316 |
| 17 | O-Ring | NBR | EPDM |
| 18 | Plug | C89833 | |

Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.
Size 2"-5" with 1pc of 1/2" bronze NPT tapping plug, size 6"-12 with 1pc of 3/4" bronze NPT tapping plug.

- Connection Ends: Flange to ASME B16.1 CL 125
- Working Pressure: 300PSI
200PSI and 250PSI available upon request
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating Complies with ANSI/ AWWA C550

| DN | | Dimensions(mm) | | | | | | |
|------|-----|----------------|-----------|----------|-----|-------|------|----------|
| Inch | mm | L | H1(Close) | H2(Open) | D | D1 | C | n-ΦL |
| 2" | 50 | 178 | 348 | 400 | 152 | 120.7 | 16.0 | 4-Ø19.1 |
| 2.5" | 65 | 190 | 373 | 440 | 178 | 139.7 | 17.5 | 4-Ø19.1 |
| 3" | 80 | 203 | 408 | 490 | 191 | 152.4 | 19.1 | 4-Ø19.1 |
| 4" | 100 | 229 | 471 | 573 | 229 | 190.5 | 19.1 | 8-Ø19.1 |
| 5" | 125 | 254 | 541 | 665 | 254 | 215.9 | 19.1 | 8-Ø22.2 |
| 6" | 150 | 267 | 601 | 755 | 279 | 241.3 | 19.1 | 8-Ø22.2 |
| 8" | 200 | 292 | 774 | 975 | 343 | 298.5 | 22.2 | 8-Ø22.2 |
| 10" | 250 | 330 | 939 | 1193 | 406 | 362.0 | 23.8 | 12-Ø25.4 |
| 12" | 300 | 356 | 1065 | 1370 | 483 | 431.8 | 25.4 | 12-Ø25.4 |
| 14" | 350 | 381 | 1415 | 1780 | 528 | 476.3 | 25.4 | 12-Φ28.6 |
| 16" | 400 | 406 | 1385 | 1790 | 592 | 539.8 | 25.4 | 16-Φ28.6 |
| 18" | 450 | 432 | 1835 | 2290 | 635 | 577.9 | 25.4 | 16-Φ31.8 |
| 20" | 500 | 457 | 1830 | 2380 | 710 | 635 | 28.6 | 20-Φ31.8 |
| 24" | 600 | 508 | 2030 | 2830 | 836 | 749.3 | 30.1 | 20-Φ34.9 |