



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



MATERIAL SPECIFICATION

| PART NO. | Description | Material Specification | Options |
|----------|----------------------|--------------------------------------|--|
| 1 | Valve Body | Ductile Iron ASTM A536,65-45-12 | |
| 2 | Resilient Wedge Disc | Ductile Iron ASTM A536,65-45-12+EPDM | |
| 3 | Stem | Stainless steel 316 | Stainless steel AISI 304/431, Bronze ASTM B584 |
| 4 | Bonnet Gasket | EPDM ASTM D2000 | NBR ASTM D2000 |
| 5 | Bonnet | Ductile Iron ASTM A536,65-45-12 | |
| 6 | O-Ring | NBR ASTM D2000 | EPDM ASTM D2000 |
| 7 | Gland | Ductile Iron ASTM A536,65-45-12 | |
| 8 | Stem Cap | Ductile Iron ASTM A536,65-45-12 | |
| 9 | Bolt | Stainless steel 316 | Stainless steel 304 |
| 10 | Flat Washer | Stainless steel 316 | Stainless steel 304 |
| 11 | Ring Wiper | EPDM ASTM D2000 | NBR ASTM D2000 |
| 12 | O-Ring | NBR ASTM D2000 | EPDM ASTM D2000 |
| 13 | Nut | Stainless steel 316 | Stainless steel 304 |
| 14 | Axis Guide | Brass ASTM B-283 C37700 | |
| 15 | Washer | Brass ASTM B-283 C37700 | |
| 16 | O-Ring | NBR ASTM D2000 | EPDM ASTM D2000 |
| 17 | Nut | Stainless steel 316 | Stainless steel 304 |
| 18 | Wedge Nut | Brass ASTM B-283 C37700 | Bronze ASTM B-584 Alloy C89833 |

Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.

| DN | Dimensions(Inch) | | | | | |
|------|------------------|-------|-------|-------|------|-----------|
| | L | H | D | D1 | C | n-ΦL |
| 2" | 7.0 | 10.00 | 5.98 | 4.75 | 0.63 | 4-Φ0.75 |
| 2.5" | 7.5 | 10.83 | 7.01 | 5.50 | 0.69 | 4-Φ0.75 |
| 3" | 8.0 | 11.85 | 7.52 | 6.00 | 0.75 | 4-Φ0.75 |
| 4" | 9.0 | 13.98 | 9.02 | 7.50 | 0.75 | 4-Φ0.75 |
| 5" | 10.0 | 15.47 | 10.00 | 8.50 | 0.75 | 8-Φ0.88 |
| 6" | 10.5 | 17.64 | 10.98 | 9.50 | 0.75 | 8-Φ0.88 |
| 8" | 11.5 | 21.57 | 13.50 | 11.75 | 0.87 | 8-Φ0.88 |
| 10" | 13.0 | 24.65 | 15.98 | 14.25 | 0.94 | 12-Φ1 |
| 12" | 14.0 | 28.43 | 19.02 | 17.00 | 1.00 | 12-Φ1 |
| 14" | 15.0 | 36.10 | 20.98 | 18.75 | 1.38 | 12-Φ1.125 |
| 16" | 16.0 | 36.10 | 23.50 | 21.25 | 1.44 | 16-Φ1.125 |
| 18" | 17.0 | 43.62 | 25.00 | 22.75 | 1.56 | 16-Φ1.25 |
| 20" | 18.0 | 44.49 | 27.52 | 25.00 | 1.69 | 20-Φ1.25 |
| 24" | 20.0 | 51.61 | 32.01 | 29.50 | 1.88 | 20-Φ1.38 |

| | | | |
|-----------------------------------|--------------------------------|---|----------------|
| DRAWN BY: Cindy Zhang | DRAWING # JMZ45X | AWWA C515 Flanged Resilient NRS Gate Valve | |
| CHECKED BY: Cherry Chen | | Series NO.: JMZ45X | |
| APPROVED BY: Meng Xiang | ISSUE DATE 160427-14 | | REV.00. |