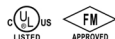


## Flanged Resilient NRS Gate Valve (G.V.N102), UL/FM Approved

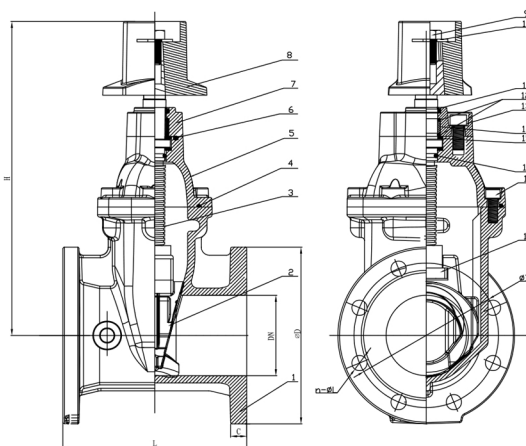
NSF/ANSI 61 NSF/ANSI 372  
OC3073.7



G.V.N102



- 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 in accordance with ANSI/AWWA C550



### 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                 | Stainless Steel          | AISI 304, AISI 316 |
| 4        | Bonnet Gasket        | EPDM                     | NBR                |
| 5        | Bonnet               | ASTM A536, 65-45-12      |                    |
| 6        | O-Ring               | NBR                      | EPDM               |
| 7        | Gland                | ASTM A536, 65-45-12      |                    |
| 8        | Stem Cap             | ASTM A536, 65-45-12      | Pressed Steel      |
| 9        | Bolt                 | AISI 304                 | AISI 316           |
| 10       | Flat Washer          | AISI 304                 | AISI 316           |
| 11       | Ring Wiper           | EPDM                     | NBR                |
| 12       | O-Ring               | NBR                      | EPDM               |
| 13       | Bolt                 | Carbon Steel Zinc Plated | AISI 304, AISI 316 |
| 14       | Axis Guide           | Brass HPb59-1            |                    |
| 15       | Washer               | Brass HPb59-1            |                    |
| 16       | O-Ring               | NBR                      | EPDM               |
| 17       | Bolt                 | Carbon Steel Zinc Plated | AISI 304, AISI 316 |
| 18       | Wedge Nut            | Brass HPb59-1            | Bronze ZQSn5-5-5   |

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.

| DN   |     | Dimensions(mm) |         |          |     |       |      |          |
|------|-----|----------------|---------|----------|-----|-------|------|----------|
| Inch | mm  | L              | H(Z45X) | H(Z45XC) | D   | D1    | C    | n-ΦL     |
| 2"   | 50  | 178            | 254     | 278      | 152 | 120.7 | 16.0 | 4-Ø19.1  |
| 2.5" | 65  | 190            | 275     | 300      | 178 | 139.7 | 17.5 | 4-Ø19.1  |
| 3"   | 80  | 203            | 301     | 321      | 191 | 152.4 | 19.1 | 4-Ø19.1  |
| 4"   | 100 | 229            | 355     | 375      | 229 | 190.5 | 19.1 | 8-Ø19.1  |
| 5"   | 125 | 254            | 393     | 415      | 254 | 215.9 | 19.1 | 8-Ø22.2  |
| 6"   | 150 | 267            | 448     | 455      | 279 | 241.3 | 19.1 | 8-Ø22.2  |
| 8"   | 200 | 292            | 548     | 565      | 343 | 298.5 | 22.2 | 8-Ø22.2  |
| 10"  | 250 | 330            | 626     | 636      | 406 | 362.0 | 23.8 | 12-Ø25.4 |
| 12"  | 300 | 356            | 722     | 731      | 483 | 431.8 | 25.4 | 12-Ø25.4 |
| 14"  | 350 | 381            | 918     | 928      | 533 | 476.3 | 25.4 | 12-Ø28.6 |
| 16"  | 400 | 406            | 918     | 928      | 597 | 539.8 | 25.4 | 16-Ø28.6 |
| 18"  | 450 | 432            | 1108    | 1165     | 635 | 577.9 | 25.4 | 16-Ø31.8 |
| 20"  | 500 | 457            | 1130    | 1188     | 699 | 635   | 28.6 | 20-Ø31.8 |
| 24"  | 600 | 508            | 1321    | 1364     | 813 | 749.3 | 30.1 | 20-Ø34.9 |