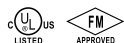


## Grooved Resilient NRS Gate Valve (Z85X), UL/FM Approved

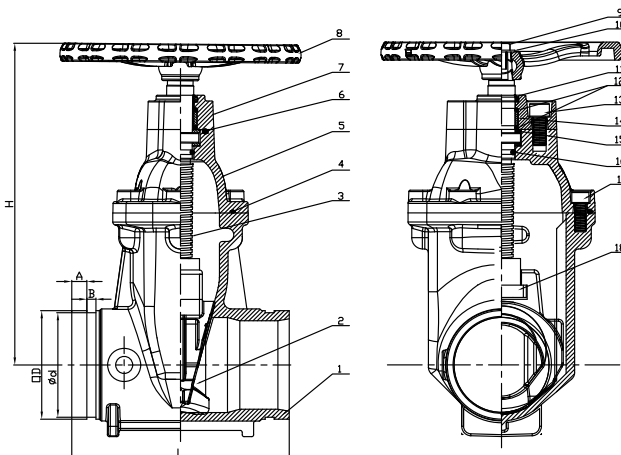
NSF/ANSI 61 NSF/ANSI 372  
0C3073.7



Z85X



- Connection Ends: Groove to AWWA C606
- 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 or painting upon request



### 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        | Handwheel            | 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               | AISI 304                 | AISI 316           |
| 13       | Bolt                 | 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"-3" with 1pc of 3/8" bronze NPT tapping plug, size 4"-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   | OD    | d      | A     | B     |
| 2"   | 50  | 178            | 254 | 60.3  | 57.15  | 15.88 | 7.92  |
| 2.5" | 65  | 190            | 275 | 73    | 69.09  | 15.88 | 7.92  |
| 3"   | 80  | 203            | 301 | 88.9  | 84.94  | 15.88 | 7.92  |
| 4"   | 100 | 229            | 355 | 114.3 | 110.08 | 15.88 | 9.52  |
| 5"   | 125 | 254            | 393 | 141.3 | 137.03 | 15.88 | 9.52  |
| 6"   | 150 | 267            | 448 | 168.3 | 163.96 | 15.88 | 9.52  |
| 8"   | 200 | 292            | 548 | 219.1 | 214.4  | 19.05 | 11.13 |
| 10"  | 250 | 330            | 626 | 273   | 268.28 | 19.05 | 12.7  |
| 12"  | 300 | 356            | 722 | 323.9 | 318.29 | 19.05 | 12.7  |