

## Z45XC BS Flanged Resilient NRS Gate Valve PN16, UL/FM Approved

### Product Description

#### Product Certification

UL Listed / FM Approved (EX 15973)

#### Connection Ends

Flange to BS EN 1092-2:1997

#### Working Pressure

PN16

#### Temperature Range

0°C - 100°C

#### Coating

Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550



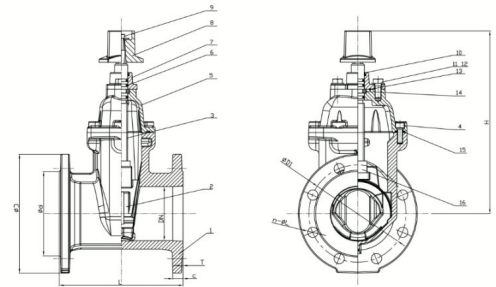
### Materials of Construction

| Part No. | Part                               | Standard Specification   |
|----------|------------------------------------|--------------------------|
| 1        | Valve Body                         | EN-GJS-450-10            |
| 2        | Resilient Wedge Disc               | EN-GJS-450-10+EPDM       |
| 3        | Stem                               | Stainless Steel          |
| 4        | Bolt                               | Carbon Steel Zinc Plated |
| 5        | Bonnet                             | EN-GJS-450-10            |
| 6        | O-Ring                             | NBR                      |
| 7        | Gland                              | EN-GJS-450-10            |
| 8        | Stem Cap                           | EN-GJS-450-10            |
| 9        | Bolt                               | Carbon Steel Zinc Plated |
| 10       | Ring Wiper                         | EPDM                     |
| 11       | Bolt                               | Carbon Steel Zinc Plated |
| 12       | Flat Washer                        | Carbon Steel Zinc Plated |
| 13       | O-Ring                             | NBR                      |
| 14       | Washer(Type A) Axis Guide (Type B) | Brass Hpb59-1            |
| 15       | Bonnet Gasket                      | EPDM                     |
| 16       | Wedge Nut                          | Brass Hpb59-1            |

### Dimensions (in mm)

| Inch | mm  | L   | H (Max) | D   | D1 (P.C.D.) | n-Ød   |
|------|-----|-----|---------|-----|-------------|--------|
| 2"   | 50  | 178 | 279     | 165 | 125         | 4-Ø19  |
| 2.5" | 65  | 190 | 297     | 185 | 145         | 4-Ø19  |
| 3"   | 80  | 203 | 323     | 200 | 160         | 8-Ø19  |
| 4"   | 100 | 229 | 376     | 200 | 180         | 8-Ø19  |
| 5"   | 125 | 254 | 404     | 250 | 210         | 8-Ø19  |
| 6"   | 150 | 267 | 457     | 285 | 240         | 8-Ø23  |
| 8"   | 200 | 292 | 557     | 340 | 295         | 12-Ø23 |
| 10"  | 250 | 330 | 641     | 405 | 355         | 12-Ø28 |
| 12"  | 300 | 356 | 743     | 460 | 410         | 12-Ø28 |

| Inch | mm  | L   | H<br>(Max) | D   | D1<br>(P.C.D.) | n-Ød   |
|------|-----|-----|------------|-----|----------------|--------|
| 14"  | 350 | 381 | 928        | 520 | 470            | 16-Ø28 |
| 16"  | 400 | 406 | 928        | 580 | 525            | 16-Ø31 |
| 18"  | 450 | 432 | 1165       | 640 | 585            | 20-Ø31 |
| 20"  | 500 | 457 | 1188       | 715 | 650            | 20-Ø34 |
| 24"  | 600 | 508 | 1364       | 840 | 770            | 20-Ø37 |



Notes

1. Product images are for illustration purposes only. Actual product may vary.
2. Actual dimensions may change over time, due to continual design improvements. Please confirm before placing order.