

## Welcome to iValve, a professional manufacturer for water control system

 English

### Product Categories

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**Gate Valve (/portal/list/index/id/16.html)**

Non-Return Valve (/portal/list/index/id/17.html)

Hydraulic Control Valve (/portal/list/index/id/18.html)

Air Release/Vacuum Valve (/portal/list/index/id/19.html)

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Globe Valve, Ball Valve (/portal/list/index/id/36.html)

DI Pipe Fittings (/portal/list/index/id/37.html)

### AWWA C515 Resilient Gate Valve

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#### AWWA C515 Resilient Seated Gate Valve

#### AWWA C509 Resilient Seated Gate Valve

#### CL125 / CL150

- Online maintenance; If sealing parts in the bonnet are broken, we could replace the sealing parts with the valve completely open when the valve is still in the pipeline.
- Class A sealing (ZERO LEAKAGE)



- 100% testing before packing and delivery.
  - Completely free and full bore self-cleaning & low-pressure loss.
  - Clockwise closing (CWC) as standard, anticlockwise closing upon request.
  - Operation: Manual handwheel, Square Cap, Extension Spindle.
  - Bolts in Galvanized Carbon Steel, sealed with hot melt to prevent corrosion.
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- O-ring bonnet gasket wraps each bolt to prevent corrosion.
  - Linear sealing design provides better sealing & lower closing torque.
  - WRAS approved for drinking water.

#### **Standards**

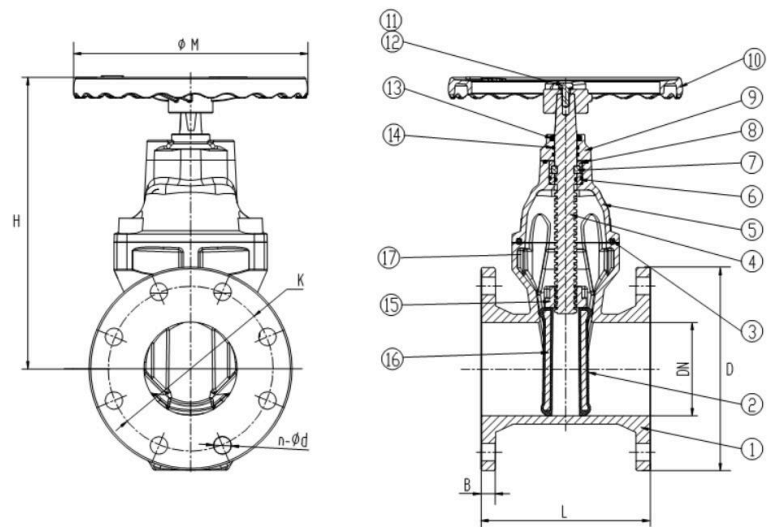
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- Design: AWWA C515
- Flanges: ASME B16.5 / CL150
- Face to face Length: ASME B16.10
- Tests: AWWA C515 / API 598
- Coating: AWWA C550 thickness 250micron

#### **Service Fields**

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- Water and neutral liquid applications
- Main transmission pipelines
- Irrigation system
- Fire fighting

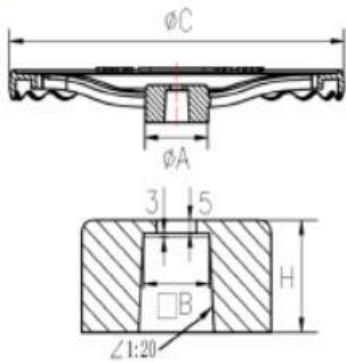


|    |               |                         |
|----|---------------|-------------------------|
| 17 | Screw         | CARBON STEEL GALVANIZED |
| 16 | Disc Core     | DUCTILE IRON            |
| 15 | Stem Nut      | CuZn39Pb1 Brass         |
| 14 | O Ring        | NBR                     |
| 13 | Dustcover     | NBR                     |
| 12 | Flat Washer   | AISI304 STAINLESS STEEL |
| 11 | Bolt          | AISI304 STAINLESS STEEL |
| 10 | Handwheel/Cap | DUCTILE IRON            |
| 9  | Gland         | DUCTILE IRON            |
| 8  | Thrust Sleeve | CuZn39Pb1 Brass         |
| 7  | Holding Ring  | CuZn39Pb1 Brass         |
| 6  | Thrust Washer | CuZn39Pb1 Brass         |
| 5  | Bonnet        | DUCTILE IRON            |
| 4  | Stem          | AISI420 STAINLESS STEEL |
| 3  | Bonnet Gasket | NBR                     |
| 2  | Disc          | EPDM+DUCTILE IRON       |
| 1  | Body          | DUCTILE IRON            |

| SIZE  |         | Outline (mm) |      |     | Flange dimensions (mm)         |       |        |      | Switch Turns | Closing Torque (N.m) |
|-------|---------|--------------|------|-----|--------------------------------|-------|--------|------|--------------|----------------------|
|       |         | ANSI B16.10  | ΦM   | H   | ASME B16.1/16.42 Class 125/150 |       |        |      |              |                      |
| DN    | Inch    |              |      |     | L                              | D     | K      | n-φd |              |                      |
| DN40  | 1 1/2 " | 165          | Φ180 | 215 | 127                            | 98.5  | 4-φ16  | 19   | 9            | 30                   |
| DN50  | 2 "     | 178          | Φ180 | 215 | 152                            | 120.5 | 4-φ19  | 19   | 9            | 40                   |
| DN65  | 2 1/2 " | 190          | Φ200 | 250 | 178                            | 139.5 | 4-φ19  | 22.3 | 10           | 50                   |
| DN80  | 3 "     | 203          | Φ200 | 275 | 191                            | 152.5 | 4-φ19  | 23.8 | 12           | 60                   |
| DN100 | 4 "     | 229          | Φ220 | 320 | 229                            | 190.5 | 8-φ19  | 23.8 | 12           | 80                   |
| DN125 | 5 "     | 254          | Φ254 | 365 | 254                            | 216   | 8-φ19  | 23.8 | 14.5         | 100                  |
| DN150 | 6 "     | 267          | Φ280 | 400 | 279                            | 241.5 | 8-φ22  | 25.4 | 17           | 120                  |
| DN200 | 8 "     | 292          | Φ315 | 495 | 343                            | 298.5 | 8-φ22  | 28.6 | 18.5         | 150                  |
| DN250 | 10 "    | 330          | Φ406 | 590 | 406                            | 362   | 8-φ22  | 30.2 | 23           | 200                  |
| DN300 | 12 "    | 356          | Φ406 | 670 | 483                            | 432   | 12-φ25 | 31.8 | 27           | 250                  |
| DN350 | 14 "    | 381          | Φ500 | 760 | 535                            | 476.5 | 12-φ28 | 35   | 30.5         | 300                  |
| DN400 | 16 "    | 406          | Φ500 | 850 | 595                            | 540   | 16-φ28 | 36.5 | 34.5         | 350                  |



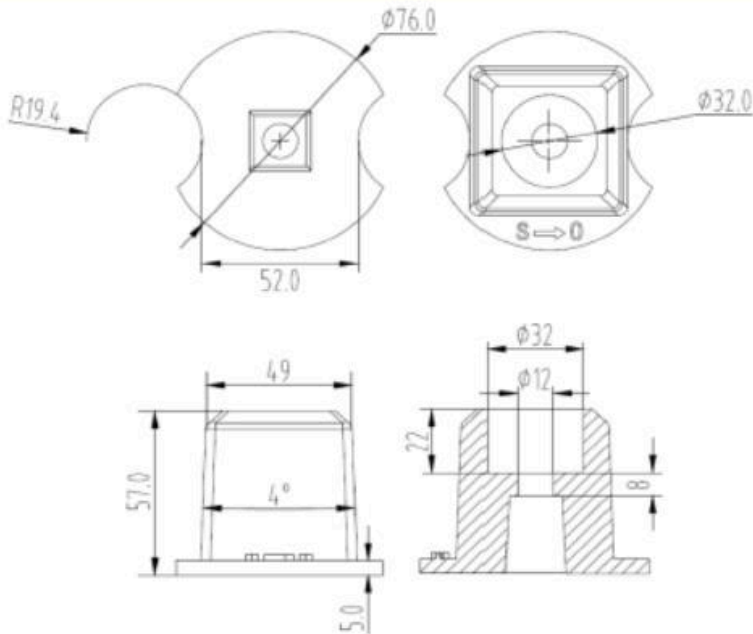
DI/steel Handwheel



| valve size | $\phi C$   | A  | $\square B$  | H  |
|------------|------------|----|--------------|----|
| DN40-50    | $\phi 180$ | 40 | $\square 14$ | 22 |
| DN65-80    | $\phi 200$ | 48 | $\square 17$ | 22 |
| DN100      | $\phi 220$ | 50 | $\square 19$ | 31 |
| DN125      | $\phi 254$ | 55 | $\square 19$ | 31 |
| DN150      | $\phi 280$ | 55 | $\square 19$ | 31 |
| DN200      | $\phi 315$ | 65 | $\square 24$ | 31 |
| DN250-300  | $\phi 406$ | 72 | $\square 27$ | 36 |
| DN350-400  | $\phi 500$ | 66 | $\square 30$ | 36 |
| DN450-600  | $\phi 650$ | 85 | $\square 30$ | 48 |



ANSI Square Cap







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**WRAS**  
WATER REGULATIONS ADVISORY SCHEME

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With over 15 years rich experience in the valves designing, manufacturing, marketing and exporting.

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