

# GATE VALVE

DUCTILE IRON | CLASS 150 (Non Rising Spindle)

## DESIGN & COMPLIANCES

API 600, ANSI 16.10, JIS 16K, MSS SP 80, AWWA C500-09

## END CONNECTION

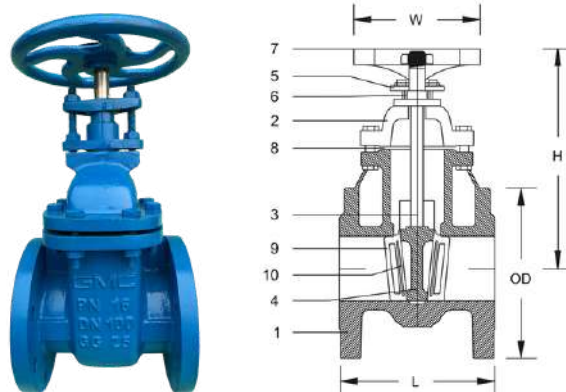
ANSI B16.5 CLASS 150

## TESTING STANDARD

API 598

## APPLICATIONS

Hot & Cold Water, Oil, Gas, Raw Water, Waste Water



| Sr. No | COMPONENTS                | SPECIFICATIONS                                                     |
|--------|---------------------------|--------------------------------------------------------------------|
| 1      | Body                      | Ductile Iron ASTM-A395                                             |
| 2      | Bonnet                    | Ductile Iron ASTM-A395                                             |
| 3      | Stem (Optional)           | AISI 304   AISI 316   AISI 410 Cr13   Brass C38500   Bronze C83600 |
| 4      | Wedge                     | Ductile Iron ASTM-A395                                             |
| 5      | Gland                     | Ductile Iron ASTM-A395                                             |
| 6      | Gland Packing             | Flexible Graphite   Non-Asbestos                                   |
| 7      | Handwheel                 | Ductile Iron ASTM-A395                                             |
| 8      | Gasket                    | Flexible Graphite   Non-Asbestos                                   |
| 9      | Body Seat Ring (Optional) | AISI 304   AISI 316   AISI 410 Cr13   Brass C38500   Bronze C83600 |
| 10     | Disc Seat Ring (Optional) | AISI 304   AISI 316   AISI 410 Cr13   Brass C38500   Bronze C83600 |
| 11     | Yoke                      | Ductile Iron ASTM-A395                                             |
| 12     | Yoke Sleeve (Optional)    | AISI 304   AISI 316   AISI 410 Cr13   Brass C38500   Bronze C83600 |
| Paint  |                           | Epoxy   Corrosion Resistant   Polyurethane                         |

### Special Configurations (Subject to manufacturer's approval)

- Gear Operated
- Brass, Bronze Seat Rings
- Chain Wheel with Locking Arrangement

| DIMENSIONS (MM)  |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |     |      |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|-----|------|
| Sizes            | 50  | 65  | 80  | 100 | 125 | 150 | 200 | 250 | 300  | 350  | 400  | 450  | 500  | 600  | 700  | 750 | 800  |
| Face to Face (L) | 178 | 190 | 203 | 229 | 254 | 267 | 292 | 330 | 356  | 381  | 406  | 432  | 457  | 508  | 610  | 610 | 660  |
| OD (D)           | 151 | 179 | 191 | 230 | 255 | 280 | 344 | 407 | 484  | 535  | 598  | 635  | 699  | 813  | 927  | 984 | 1060 |
| Height (H)       | 300 | 334 | 370 | 410 | 530 | 580 | 600 | 800 | 1060 | 1100 | 1280 | 1390 | 1700 | 1930 | 2250 | -   | -    |
| Wheel (W)        | 180 | 180 | 180 | 210 | 210 | 210 | 290 | 400 | 495  | 495  | 495  | 495  | 700  | 700  | 1000 | -   | -    |