

# TERMINAL CITY DUCTILE GATE VALVE CLASS 125

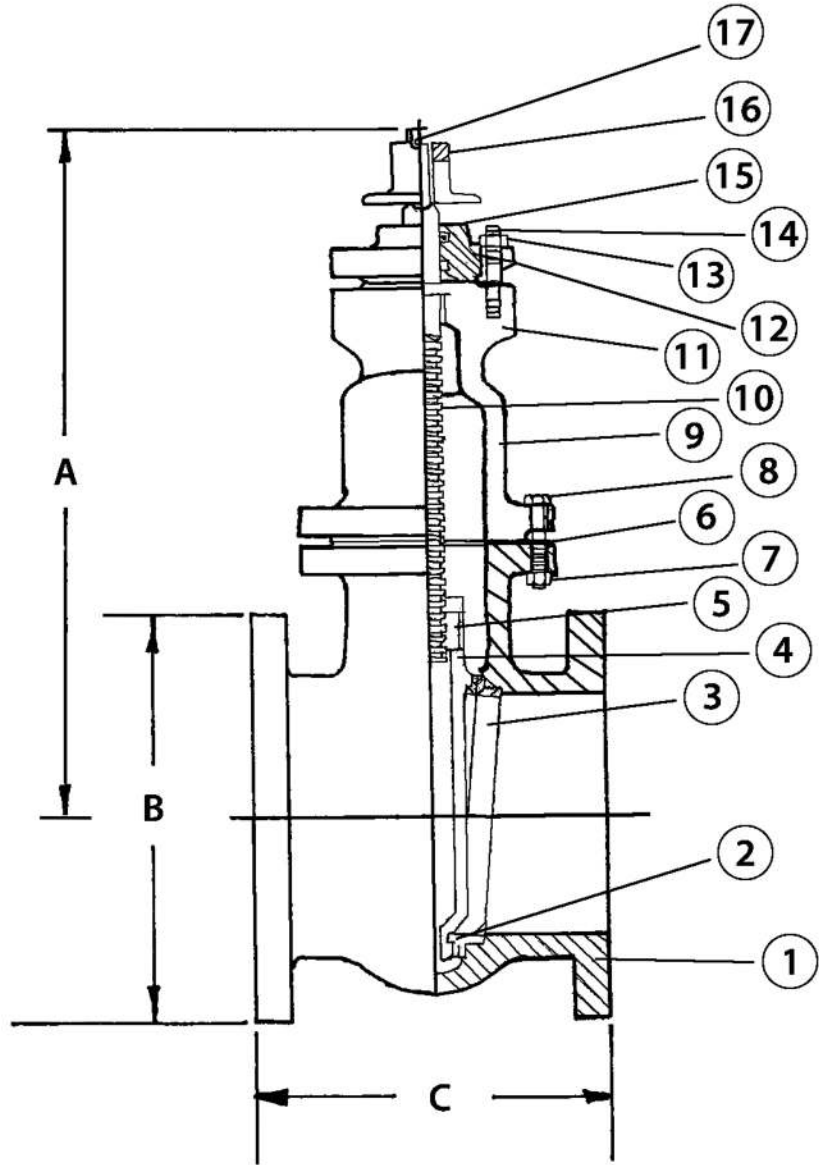
RATED WORKING PRESSURE 285 PSI / 1964 kPa



| MANUFACTURING STANDARDS |                     |
|-------------------------|---------------------|
| DESIGN                  | MSS SP - 128 - 2006 |
| FLANGE                  | ASME B16.42 F.F.    |
| TESTING                 | MSS SP - 128 - 2006 |

| CLASS 150 TEST PRESSURE |                         |
|-------------------------|-------------------------|
| HYDROSTATIC             |                         |
| BODY                    | SEAT / BACK SEAT        |
| 570 PSI                 | 285 PSI                 |
| 3930 kPa                | 1965 kPa                |
| 40 Kg / cm <sup>2</sup> | 20 Kg / cm <sup>2</sup> |

| No. | PART            | MATERIAL            |
|-----|-----------------|---------------------|
| 1   | Body            | ASTM A536           |
| 2   | Wedge Rings     | ASTM B62 Bronze     |
| 3   | Body Rings      | ASTM B62 Bronze     |
| 4   | Wedge           | ASTM A536           |
| 5   | Wedge Nut       | ASTM B62 Bronze     |
| 6   | Body Gasket     | ASTM F104           |
| 7   | Body Bolt Nuts  | ASTM A194 plated    |
| 8   | Body Bolts      | ASTM A449 plated    |
| 9   | Bonnet          | ASTM A536           |
| 10  | Spindle         | ASTM B584 C86200    |
| 11  | Gland Gasket    | ASTM F104           |
| 12  | Gland O Rings   | ASTM D2000 buna     |
| 13  | Gland Stud Nuts | ASTM A194 plated    |
| 14  | Gland Studs     | ASTM A276 stainless |
| 15  | Gland           | ASTM A126 B         |
| 16  | Operating Nut   | ASTM A126 B         |
| 17  | Cotter Pin      | Carbon Steel        |
| 18  | Name Plate      | Brass               |



| SIZE      |     | DIMENSIONS (inch / mm) |     |        |     |        |     |
|-----------|-----|------------------------|-----|--------|-----|--------|-----|
| inch / mm |     | A                      |     | B      |     | C      |     |
| 4         | 100 | 15                     | 381 | 9      | 229 | 9      | 229 |
| 6         | 150 | 19                     | 483 | 11     | 279 | 10 1/2 | 267 |
| 8         | 200 | 23                     | 582 | 13 1/2 | 343 | 11 1/2 | 292 |
| 10        | 250 | 28                     | 711 | 16     | 406 | 13     | 330 |
| 12        | 300 | 32                     | 813 | 19     | 483 | 14     | 356 |