

# Cast Iron Gate Valve - Flanged PN10

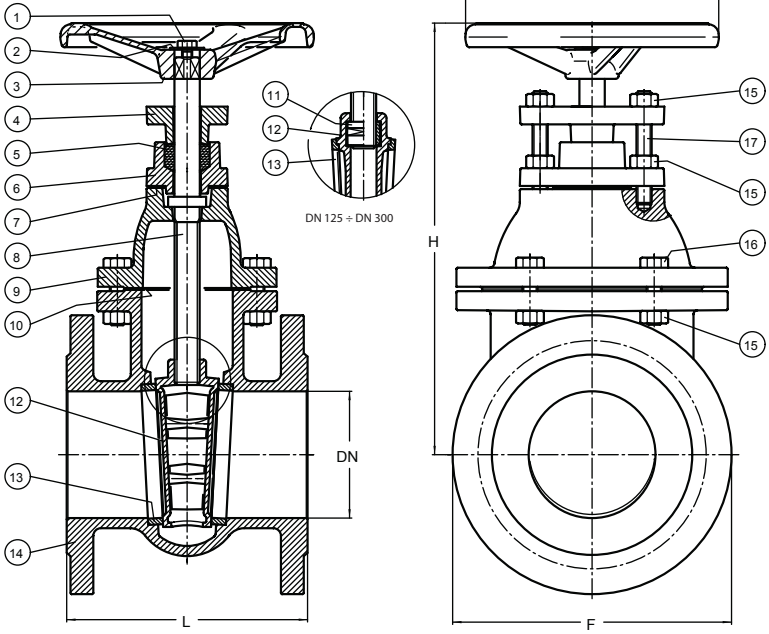
Flanged PN10 (8" Available Flanged PN10 or PN16), GG25 Body, Cast Brass Seat, Brass Stem, Inside Screw, Non-rising Stem, DIN 3202 F4 Face to Face.



| Pressure / Temperature Specifications |                |
|---------------------------------------|----------------|
| Pressure                              | PN10           |
| Temperature                           | -10°C to 150°C |

| Material Specifications |                                                               |
|-------------------------|---------------------------------------------------------------|
| 1. Screw                | Zinc Plated 8.8 Carbon Steel                                  |
| 2. Washer               | Zinc Plated Carbon Steel                                      |
| 3. Handwheel            | EN GJL 250 Cast Iron                                          |
| 4. Packing Gland        | EN GJL 250 Cast Iron                                          |
| 5. Packing              | PTFE                                                          |
| 6. Stuffing Box         | EN GJL 250 Cast Iron                                          |
| 7. Gasket               | Fasit 205                                                     |
| 8. Stem                 | CW614N Brass                                                  |
| 9. Bonnet               | EN GJL 250 Cast Iron                                          |
| 10. Gasket              | Fasit 205                                                     |
| 11. Motherscrew         | CB754SGM Brass                                                |
| 12. Wedge               | CB754SGM Brass (2" to 4")<br>EN GJL 250 Cast Iron (5" to 12") |
| 13. Seats               | CB754SGM Brass                                                |
| 14. Body                | EN GJL 250 Cast Iron                                          |
| 15. Nut                 | Zinc Plated 8.8 Carbon Steel                                  |
| 16. Screw               | Zinc Plated 8.8 Carbon Steel                                  |
| 17. Tie Rod             | Zinc Plated 8.8 Carbon Steel                                  |

| Dimensions |     |     |     |     |       |
|------------|-----|-----|-----|-----|-------|
| DN         | F   | L   | H   | Ø   | Kg    |
| 1½"        | 150 | 140 | 230 | 125 | 10.0  |
| 2"         | 165 | 150 | 245 | 150 | 12.0  |
| 2½"        | 185 | 170 | 290 | 175 | 16.0  |
| 3"         | 200 | 180 | 315 | 175 | 20.0  |
| 4"         | 220 | 190 | 355 | 200 | 26.0  |
| 5"         | 250 | 200 | 415 | 200 | 35.0  |
| 6"         | 285 | 210 | 460 | 225 | 45.0  |
| 8"         | 340 | 230 | 545 | 225 | 67.0  |
| 10"        | 405 | 250 | 635 | 250 | 91.0  |
| 12"        | 460 | 270 | 725 | 300 | 124.0 |



| Technical Information |                     |                         |         |
|-----------------------|---------------------|-------------------------|---------|
| DN                    | Turns to Open/Close | Max Torque Gate Closing | KV      |
| 1½"                   | 10                  | 30                      | 107.0   |
| 2"                    | 12.5                | 30                      | 250.0   |
| 2½"                   | 16                  | 35                      | 430.0   |
| 3"                    | 20                  | 35                      | 790.0   |
| 4"                    | 25                  | 40                      | 1,250.0 |
| 5"                    | 25                  | 45                      | 1,960.0 |
| 6"                    | 30                  | 45                      | 2,790.0 |
| 8"                    | 40                  | 60                      | 2,880.0 |
| 10"                   | 50                  | 65                      | 4,306.0 |
| 12"                   | 60                  | 70                      | 6,380.0 |