

Cast Iron Gate Valve - Flanged PN16 - with Mounting Flange

LV 5125

Flanged PN16, EN GJL 250 Body, Cast Bronze Seat, Stainless Steel Stem, Inside Screw, Clockwise Closing, with Carbon Steel Mounting Flange, EN558-1 Face to Face.



Pressure / Temperature Specifications

| | |
|-------------|----------------|
| Pressure | PN10 |
| Temperature | -10°C to 120°C |

Materials

| | | | | | |
|----|-----------------|--------------------------|-----|-----------------|------------------------------|
| 1. | Mounting Flange | A105 Carbon Steel | 8. | Wedge 2" to 4" | Cast Bronze |
| 2. | O-ring | HNBR Rubber | 8. | Wedge 5" to 12" | EN GJL 250 Cast Iron |
| 3. | Gasket | Fasit 205 | 9. | Seats | Cast Bronze |
| 4. | Stem | AISI 410 Stainless Steel | 10. | Body | EN GJL 250 Cast Iron |
| 5. | Bonnet | EN GJL 250 Cast Iron | 11. | Motherscrew | 754-S GM Cast Brass |
| 6. | Gasket | Fasit 205 | 12. | Screw | Zinc-Plated 8.8 Carbon Steel |
| 7. | Motherscrew | A105 Carbon Steel | | | |

Dimensions

| DN | F | L | H | Kvs | No* | Nm** | Kg |
|-----|-----|-----|-----|-------|------|------|-------|
| 2" | 165 | 150 | 205 | 250 | 12.5 | 30 | 11.0 |
| 2½" | 185 | 170 | 229 | 430 | 16 | 35 | 15.0 |
| 3" | 200 | 180 | 255 | 790 | 20 | 35 | 18.0 |
| 4" | 220 | 190 | 285 | 1,250 | 25 | 40 | 23.0 |
| 5" | 250 | 200 | 344 | 1,960 | 25 | 45 | 31.0 |
| 6" | 285 | 210 | 385 | 2,790 | 30 | 45 | 41.0 |
| 8" | 340 | 230 | 460 | 2,880 | 40 | 60 | 63.0 |
| 10" | 395 | 250 | 539 | 4,306 | 50 | 65 | 91.0 |
| 12" | 445 | 270 | 611 | 6,380 | 60 | 70 | 124.0 |

Shaft Dimensions

| DN | A | B | C | D |
|-----|-------|-------|----|------|
| 2" | 222.5 | 22 F7 | 8 | 32 |
| 2½" | 246 | 22 F7 | 8 | 32 |
| 3" | 264 | 22 F7 | 8 | 32 |
| 4" | 285 | 22 F7 | 8 | 32 |
| 5" | 327 | 22 F7 | 8 | 32 |
| 6" | 360 | 28 F7 | 8 | 38 |
| 8" | 403 | 28 F7 | 9 | 39.8 |
| 10" | 465 | 28 F7 | 10 | 44.8 |
| 12" | 516 | 28 F7 | 10 | 44.8 |

*Number of turns to open/close

**Maximum torque gate closing

