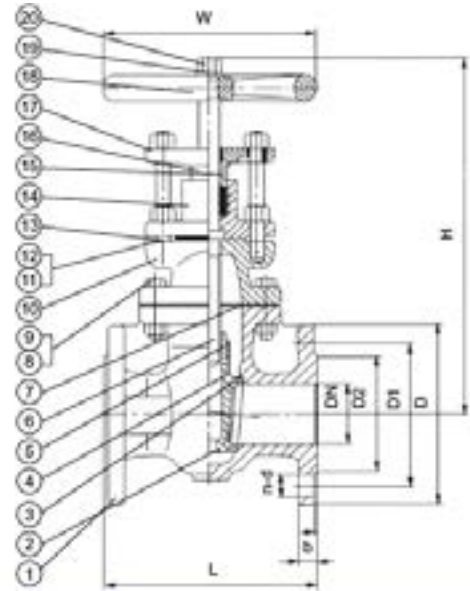


GV-F-PN16

Cast Iron Metal Seated Gate Valve (PN16) Non-Rising Stem



Technical References

| | |
|----------------------------------|-------------------|
| Valve Type | Non-Rising Stem |
| Connection Type | Flanged |
| Design and Manufactured Standard | BS5163 and BS5150 |
| Flanged Standard | BS4504 PN16 |
| Face to Face Dimension Standard | BS5150 PN16 |
| Pressure Rating | 16 bar / 232 PSI |
| Working Temperature | ≤ 200°C |
| Working Medium | Water, Oil, Gas |

* Flange standard ANSI CLASS 125/150 is available upon request.

Dimensions (mm)

| Size (DN) | L | D | D1 | D2 | b | n-d | H | W |
|-----------|-----|-----|-----|-----|----|---------|------|-----|
| 50 | 178 | 165 | 125 | 99 | 20 | 4 - 19 | 309 | 180 |
| 65 | 190 | 185 | 145 | 118 | 20 | 4 - 19 | 324 | 180 |
| 80 | 203 | 200 | 160 | 132 | 22 | 8 - 19 | 370 | 200 |
| 100 | 229 | 220 | 180 | 156 | 24 | 8 - 19 | 430 | 250 |
| 125 | 254 | 250 | 210 | 184 | 26 | 8 - 19 | 475 | 250 |
| 150 | 267 | 285 | 240 | 211 | 26 | 8 - 23 | 538 | 300 |
| 200 | 292 | 340 | 295 | 266 | 30 | 12 - 23 | 678 | 350 |
| 250 | 330 | 405 | 355 | 319 | 32 | 12 - 28 | 750 | 400 |
| 300 | 356 | 460 | 410 | 370 | 32 | 12 - 28 | 880 | 400 |
| 350 | 381 | 520 | 470 | 429 | 36 | 16 - 28 | 940 | 505 |
| 400 | 406 | 580 | 525 | 480 | 38 | 16 - 31 | 1080 | 556 |
| 450 | 432 | 640 | 582 | 548 | 40 | 20 - 31 | 1180 | 610 |
| 500 | 457 | 715 | 650 | 609 | 42 | 20 - 34 | 1380 | 340 |
| 600 | 508 | 840 | 770 | 720 | 48 | 20 - 37 | 1460 | 640 |

Materials

| NO | Parts | Material |
|----|---------------------|--------------------------|
| 1 | Body | Cast Iron |
| 2 | Seat Ring | Cast Bronze / Cast Brass |
| 3 | Disc Face Ring | Cast Bronze / Cast Brass |
| 4 | Disc | Cast Iron |
| 5 | Disc Nut | Cast Bronze |
| 6 | Stem | Stainless Steel |
| 7 | Body Gasket | Graphite |
| 8 | Bolt | Steel |
| 9 | Nut | Steel |
| 10 | Bonnet | Cast Iron |
| 11 | Gland Follower Bolt | Steel |
| 12 | Nut | Steel |
| 13 | Stuffing Box Gasket | Graphite |
| 14 | Stuffing Box | Cast Iron |
| 15 | Packing | Graphite |
| 16 | Packing Gland | Cast Brass |
| 17 | Gland Follower | Ductile Iron |
| 18 | Hand Wheel | Cast Iron |
| 19 | Washer | Steel |
| 20 | Nut | Steel |