

B[®] GATE VALVES- BOLTED BONNET- FULL PORT

BONNEY FORGE

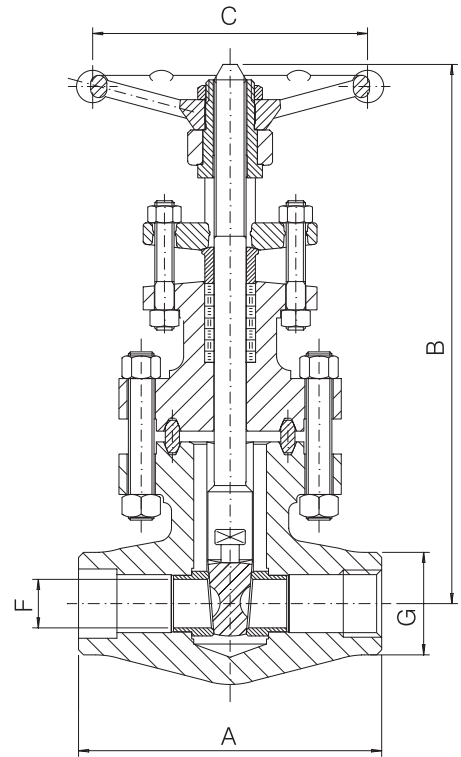
1500 LB.

2500 LB.

Design construction:

- ASME B16.34 - BS 5352
- Outside Screw and Yoke (OS&Y)
- Self aligning two piece packing gland
- Integral backseat
- Oval ring joint gasket
- Socket Weld Ends to ASME B16.11
- Screwed Ends (NPT) to ASME B1.20.1
- Butt Welding Ends to ASME B16.25
- Ratings standard class:

- carbon steel class 1500 3705 psig @ 100°F
255 bar + 38°C
- carbon steel class 2500 6170 psig @ 100°F
425 bar + 38°C



| | | FULL PORT – FIG. H9R 10 | | | | | | | |
|-----------------|---------|-------------------------|-------------|--------------|--------------|--------------|--------------|--------------|---------|
| | | SIZE | inch mm | 1/2 15 | 3/4 20 | 1 25 | 1 1/4 32 | 1 1/2 40 | 2 50 |
| 1500 LB. | A | inch mm | 4.33 110 | 5.91 150 | 5.91 150 | 8.27 210 | 8.27 210 | 9.06 230 | |
| | B open | inch mm | 9.17 233 | 11.38 289 | 11.54 293 | 14.06 357 | 14.41 366 | 17.76 451 | |
| | C | inch mm | 5.43 138 | 5.43 138 | 5.43 138 | 6.77 172 | 6.77 172 | 9.21 234 | |
| | F | inch mm | .55 14 | .71 18 | .94 24 | 1.16 29,5 | 1.44 36,6 | 1.89 48 | |
| | G | inch mm | 1.5 38 | 2.17 55 | 2.17 55 | 2.95 75 | 2.95 75 | 3.62 92 | |
| | Weight | lb. kg | 11 5 | 20.25 9,2 | 20.25 9,2 | 44 20 | 44 20 | 79.25 36 | |
| | PACKING | | | 2B3 | 2B4 | 2B4 | 2B5 | 2B5 | 9B8 |
| | GASKET | | | R12 | R17 | R17 | R20 | R20 | R24 |

| | | FULL PORT – FIG. 25HR 10 | | | | | | |
|-----------------|---------|--------------------------|--------------|-------------|--------------|--------------|--------------|---------|
| | | SIZE | inch mm | 1/2 15 | 3/4 20 | 1 25 | 1 1/2 40 | 2 50 |
| 2500 LB. | A | inch mm | 5.91 150 | 5.91 150 | 8.27 210 | 9.06 230 | 9.06 230 | |
| | B open | inch mm | 11.10 282 | 11.3 287 | 13.70 348 | 15.98 406 | 17.20 437 | |
| | C | inch mm | 5.43 138 | 5.43 138 | 6.77 172 | 9.21 234 | 9.21 234 | |
| | F | inch mm | .45 11,5 | .59 15 | .77 19,5 | 1.10 28 | 1.38 35 | |
| | G | inch mm | 2.17 55 | 2.17 55 | 2.95 75 | 3.62 92 | 3.62 92 | |
| | Weight | lb. kg | 22 10 | 22 10 | 48.5 22 | 81.5 37 | 79.25 36 | |
| | PACKING | | | 2B4 | BH8 | BH8 | 9B8 | 25B8 |
| | GASKET | | | R16 | R16 | R17 | R20 | R22 |