

AV-42 Bronze Globe Valve W.V. No. 10 (Flanged Ends)

Features

Screwed in Bonnet, Inside Screw, Rising Stem, Plug Type, Guided Disc, Flanged Ends as per BS-10 Table 'D'

Test Pressure

Body : 500 Psig (Hyd.)
Seat : 250 Psig (Hyd.)

Testing Standard

BS EN 12266 Part-1

Note

Other Screwed End Specification can be provided on request.

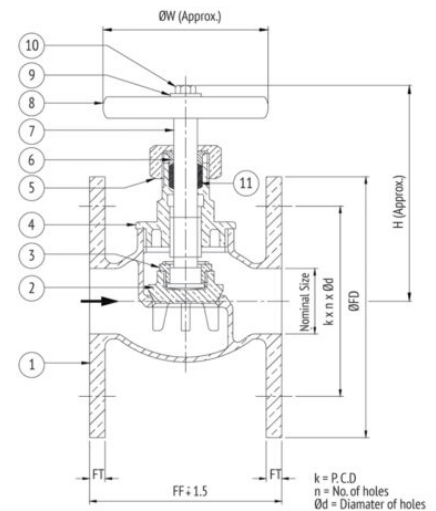
Suitability

Water, Oil



Material Combination

| P.No. | Name of Part | Material | Specification | Nos. |
|-------|--------------|--------------------|---------------------------------------|------|
| 1 | Body | Bronze | BS 1400 LG2 | 1 |
| 2 | Disc | Bronze | BS 1400 LG2 | 1 |
| 3 | Disc Nut | Bronze | BS 1400 LG2 | 1 |
| 4 | Bonnet | Bronze | BS 1400 LG2 | 1 |
| 5 | Gland Nut | Bronze | BS 1400 LG2 | 1 |
| 6 | Gland | Bronze | BS 1400 LG2 | 1 |
| 7 | Stem | H.T. Brass | BSEN 2874 Gr. CZ121 / IS 6912 Gr. FLB | 1 |
| 8 | Handwheel | Cast Iron | BS 1561 Gr. GJL 220 / - | 1 |
| 9 | Washer | Carbon Steel | - | 1 |
| 10 | Screw / Bolt | Carbon Steel | - | 1 |
| 11 | Packing | Graphited Asbestos | - | - |



Dimensional Data

| Nominal Size | FF | H | ØW | ØFD | FT | k | n | d |
|--------------|-----|-----|-----|-------|------|-------|---|------|
| 15 | 56 | 85 | 56 | 95.3 | 6.4 | 66.7 | 4 | 14.3 |
| 20 | 64 | 106 | 71 | 101.6 | 6.4 | 73 | 4 | 14.3 |
| 25 | 76 | 125 | 80 | 114.3 | 7.9 | 82.6 | 4 | 14.3 |
| 32 | 84 | 127 | 80 | 120.7 | 7.9 | 87.3 | 4 | 14.3 |
| 40 | 98 | 148 | 96 | 133.4 | 9.5 | 98.4 | 4 | 14.3 |
| 50 | 111 | 162 | 119 | 152.4 | 9.5 | 114.3 | 4 | 17.5 |
| 65 | 148 | 185 | 119 | 165.1 | 11.1 | 127 | 4 | 17.5 |
| 80 | 162 | 195 | 119 | 184.2 | 12.7 | 146.1 | 4 | 17.5 |
| 100 | 197 | 240 | 195 | 215.9 | 15.9 | 177.8 | 4 | 17.5 |