

AV-114 Bronze Globe Valve (Screwed Ends) Class 2

Features

Screwed in Bonnet, Inside Screw, Rising Stem, Integral Seat, Screwed Ends

Test Pressure

Body : 2.4 MPa (Hyd.)

Seat : 1.6 MPa (Hyd.)

Max. Working Pressure : 1.6 MPa (Hyd.) at 45°C

Testing Standard

IS-778

Note

Other Screwed End Specification can be provided on request.

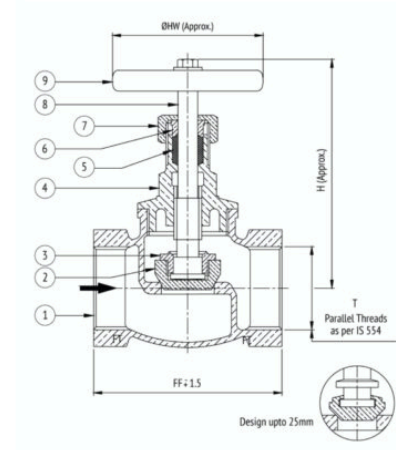
Suitability

Water, Oil



Material Combination

| P.No. | Name of Part | Material | Specification |
|-------|--------------|-------------------|-------------------------------------|
| 1 | Body | Bronze | IS 318 Gr. LTB 2 |
| 2 | Disc | Bronze | IS 318 Gr. LTB 2 |
| 3 | Disc Nut | Bronze | IS 318 Gr. LTB 2 |
| 4 | Bonnet | Bronze | IS 318 Gr. LTB 2 |
| 5 | Packing | Asbestos | IS 5414 / IS 4887 |
| 6 | Gland Nut | Bronze /Brass Rod | IS 318 Gr. LTB 2 / IS 319 Type I/II |
| 7 | Gland | Bronze | IS 318 Gr. LTB2 |
| 8 | Stem | H.T. Brass | IS 6912 Gr.FLB/ IS 320 |
| 9 | Handwheel | Cast Iron / Steel | IS 210 Gr. FG 200 |



Dimensional Data

| Nominal Size (mm) | FF | H | ØHW | T |
|-------------------|-----|-----|-----|--------|
| 15 | 60 | 95 | 53 | 1/2" |
| 20 | 70 | 100 | 58 | 3/4" |
| 25 | 80 | 105 | 67 | 1" |
| 32 | 95 | 130 | 79 | 1 1/4" |
| 40 | 110 | 135 | 87 | 1 1/2" |
| 50 | 125 | 160 | 98 | 2" |
| 65 | 160 | 175 | 104 | 2 1/2" |
| 80 | 180 | 215 | 140 | 3" |
| 100 | 216 | 260 | 183 | 4" |