

AV-113 Bronze Globe Valve (Flanged End) Class 2

Features

Screwed in Bonnet, Inside Screw, Rising Stem, Integral Seat, Plug Type Disc, Flanged Ends

Test Pressure

Body : 2.4 MPa (Hyd.)

Seat : 1.6 MPa (Hyd.)

Max. Working Pressure : 1.6 MPa (Hyd.)

Max. Working Temperature : Upto 45°C

Testing Standard

IS-778

Note

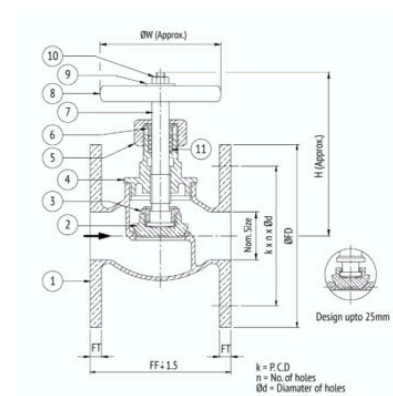
Other Flanged End Specification can be provided on request

Suitability

Water, Oil

Material Combination

| P.No. | Name of Part | Material | Specification |
|-------|---------------|----------------|--|
| 1 | Body | Bronze | BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2 |
| 2 | Disc | Bronze | BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2 |
| 3 | Disc Nut | Bronze | BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2 |
| 4 | Bonnet | Bronze | BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2 |
| 5 | Gland Nut | Bronze / Brass | BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2 |
| 6 | Gland | Bronze | BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2 |
| 7 | Stem | H.T. Brass | IS 6912Gr.FLB |
| 8 | Handwheel | Cast Iron | BS EN 1561 Gr. GJL 200 / IS 210 Gr. FG 200 |
| 9 | Washer | Carbon Steel | - |
| 10 | Handwheel Nut | Carbon Steel | - |
| 11 | Packing | Asbestos | - |



Dimensional Data

| Nominal Size (mm) | FF | H | ØHW | ØFD | FT | k | n | Ød |
|-------------------|-----|-----|-----|-----|----|-----|---|----|
| 15 | 75 | 95 | 53 | 95 | 6 | 65 | 4 | 14 |
| 20 | 85 | 100 | 58 | 105 | 6 | 75 | 4 | 14 |
| 25 | 95 | 105 | 67 | 115 | 8 | 85 | 4 | 14 |
| 32 | 110 | 130 | 79 | 140 | 8 | 100 | 4 | 18 |
| 40 | 120 | 135 | 87 | 150 | 9 | 110 | 4 | 18 |
| 50 | 145 | 160 | 98 | 165 | 11 | 125 | 4 | 18 |
| 65 | 165 | 175 | 104 | 185 | 13 | 145 | 4 | 18 |
| 80 | 185 | 215 | 140 | 200 | 13 | 160 | 8 | 18 |
| 100 | 216 | 260 | 183 | 220 | 16 | 180 | 8 | 18 |