

AV-105 Bronze Globe Valve, Screwed Ends, Class-1

Features

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|----------------------------|--|
| Product Standard | IS-778 |
| Testing Standard | IS-778 |
| Pressure / Class Rating | Class-1 |
| Body Material Cum Standard | Bronze (IS 318 Gr. LTB2) |
| Product Description | Screwed in Bonnet, Inside Screw, Rising Stem., Handwheel Operated |
| Type of Seat | Integral Seat |
| Type of Disc | Renewable Disc |
| Trim | Cu-Alloy |
| End Details | Screwed Female Parallel Threads (IS:554) |
| Test Pressure | Body: 1.5 Mpa (Hyd.), Seat: 1.0 Mpa (Hyd.) |
| Max. Working Temperature | 45°C |

Notes

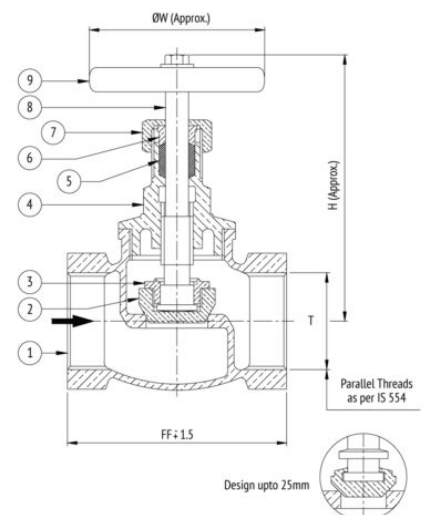
Other screwed end specifications can be provided on request.

Suitability

Water, Oil

Material Combination

| S.No | Description | No. | Material |
|------|-------------|-----|--------------------|
| 1 | Body | 1 | Bronze |
| 2 | Disc | 1 | Bronze |
| 3 | Disc Nut | 1 | Bronze |
| 4 | Bonnet | 1 | Bronze |
| 5 | Packing | - | Asbestos |
| 6 | Gland | 1 | Bronze / Brass Rod |
| 7 | Gland Nut | 1 | Bronze |
| 8 | Stem | 1 | H.T. Brass |
| 9 | Handwheel | 1 | Cast Iron / Steel |



Dimensional Data

| Size (mm) | FF | H | ØW | 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" |