

AV-112 Bronze Gate Valve, Flanged Ends, Class-2

Features

| | |
|----------------------------|--|
| Product Standard | IS-778 |
| Testing Standard | IS-778 |
| Pressure / Class Rating | Class-2 |
| Body Material Cum Standard | Bronze (IS 318 Gr. LTB2) |
| Product Description | Screwed in Bonnet, Inside Screw, Non Rising Stem, Handwheel Operated |
| Type of Seat | Integral Seat |
| Type of Wedge | Solid Wedge |
| Trim | Cu-Alloy |
| End Details | Flanged Ends as per IS:778 Class-2 Flat Face (Undrilled) |
| Test Pressure | Body: 2.4 Mpa (Hyd.), Seat: 1.6 Mpa (Hyd.) |
| Max. Working Temperature | 45°C |

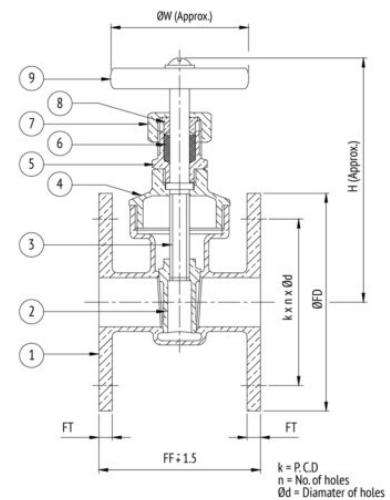
Suitability

Water, Oil



Material Combination

| S.No | Description | No. | Material |
|------|--------------|-----|--------------|
| 1 | Body | 1 | Bronze |
| 2 | Wedge | 1 | Bronze |
| 3 | Stem | 1 | H.T. Brass |
| 4 | Bonnet | 1 | Bronze |
| 5 | Stuffing Box | 1 | Bronze |
| 6 | Packing | - | Asbestos |
| 7 | Gland | 1 | Bronze |
| 8 | Gland Nut | 1 | Bronze |
| 9 | Handwheel | 1 | C.I. / Steel |



Dimensional Data

| Size (mm) | FF | H | ØW | ØFD | FT | k | n | Ød |
|-----------|-----|-----|-----|-----|----|-----|---|----|
| 15 | 72 | 100 | 53 | 95 | 6 | 65 | 4 | 14 |
| 20 | 76 | 110 | 60 | 105 | 6 | 75 | 4 | 14 |
| 25 | 90 | 130 | 70 | 115 | 8 | 85 | 4 | 14 |
| 32 | 100 | 144 | 80 | 140 | 8 | 100 | 4 | 18 |
| 40 | 110 | 160 | 87 | 150 | 9 | 110 | 4 | 18 |
| 50 | 120 | 175 | 98 | 165 | 11 | 125 | 4 | 18 |
| 65 | 140 | 222 | 104 | 185 | 13 | 145 | 4 | 18 |
| 80 | 150 | 248 | 140 | 200 | 13 | 160 | 8 | 18 |
| 100 | 190 | 310 | 183 | 220 | 16 | 180 | 8 | 18 |