

## AV-107 Bronze Horizontal Lift Check Valve, Flanged Ends, Class-1

### Features

|                            |  |
|----------------------------|--|
| 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 Cover, Guided Disc                            |
| Type of Seat               | Integral Seat  |
| Type of Disc               | Renewable Disc   |
| Trim                       | Cu-Alloy   |
| End Details                | Flanged Ends as per IS:778 Class-1 Flat Face (Undrilled) |
| Test Pressure              | Body: 1.5 Mpa (Hyd.), Seat: 1.0 Mpa (Hyd.)               |
| Max. Working Temperature   | 45°C   |

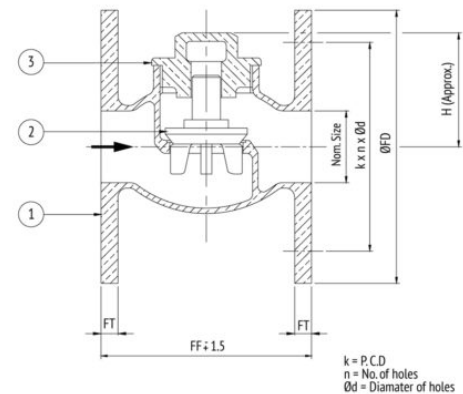
### Suitability

Water, Oil



### Material Combination

| S.No | Description      | No. | Material |
|------|------------------|-----|----------|
| 1    | Body             | 1   | Bronze   |
| 2    | Disc (Plug Type) | 1   | Bronze   |
| 3    | Cover            | 1   | Bronze   |



### Dimensional Data

| Size (mm) | FF  | H   | ØFD | FT | k   | n | Ød |
|-----------|-----|-----|-----|----|-----|---|----|
| 15        | 75  | 42  | 95  | 6  | 65  | 4 | 14 |
| 20        | 85  | 47  | 105 | 6  | 75  | 4 | 14 |
| 25        | 95  | 55  | 115 | 8  | 85  | 4 | 14 |
| 32        | 110 | 62  | 140 | 8  | 100 | 4 | 18 |
| 40        | 120 | 65  | 150 | 9  | 110 | 4 | 18 |
| 50        | 145 | 85  | 165 | 11 | 125 | 4 | 18 |
| 65        | 165 | 95  | 185 | 13 | 145 | 4 | 18 |
| 80        | 185 | 105 | 200 | 13 | 160 | 8 | 18 |
| 100       | 216 | 140 | 220 | 16 | 180 | 8 | 18 |