

## 1068 Cast Iron Horizontal Lift Check Valve Angle Pattern (Flanged) I.B.R.

### Salient Features

- Flanged Ends to DIN 2533 PN 16RF.
- Angle Pattern, Bolted Cover.
- Renewable 13% Cr. Stainless Steel (SS 410) working parts.
- Minimum pressure drop inside the body due to streamlined body design.

Test Pressure (Hydrostatic) :

Shell 26 kg/cm<sup>2</sup>g (370 psig)

Working Pressure (Steam) : 13 kg/cm<sup>2</sup>g (185 psig)

Maximum Working Temperature 220°C

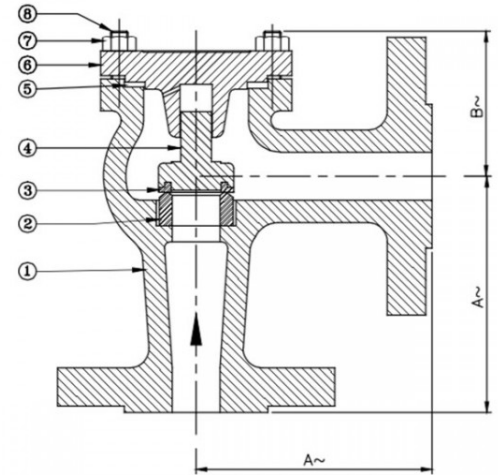
### Suitable For

Steam, Water



### Materials

| P.No. | Name of Part   | Material of Construction | Specification                          | Qty.    |
|-------|----------------|--------------------------|--|---------|
| 1     | Body           | Cast Iron                | IBR 86-93 Gr. A                        | 1       |
| 2     | Body Seat Ring | Stainless Steel          | ASTMA 276 Type 410 / ASTMA 182 Gr. F6a | 1       |
| 3     | Disc Ring      | Stainless Steel          | ASTMA 276 Type 410 / ASTMA 182 Gr. F6a | 1       |
| 4     | Disc           | Cast Iron                | IBR 86-93 Gr. A                        | 1       |
| 5     | Gasket         | Steam Jointing Sheet     | IS 2712 Gr. W/3                        | 1       |
| 6     | Bonnet         | Cast Iron                | IBR 86-93 Gr. A                        | 1       |
| 7     | Nuts           | Carbon Steel             | IS 1367                                | To Suit |
| 8     | Studs          | Carbon Steel             | IS 1367                                | To Suit |



### Sizes / Dimensions

| Size (Inches) | Size (mm) | A ~ | B ~ |
|---------------|-----------|-----|-----|
| 1/2           | 15        | 90  | 54  |
| 3/4           | 20        | 95  | 55  |
| 1             | 25        | 100 | 58  |
| 1 1/4         | 32        | 105 | 66  |
| 1 1/2         | 40        | 115 | 78  |
| 2             | 50        | 125 | 85  |
| 2 1/2         | 65        | 145 | 95  |
| 3             | 80        | 155 | 110 |
| 4             | 100       | 175 | 125 |
| 6             | 150       | 225 | 182 |
| 8*            | 200       | 275 | 190 |

\* Pressure and Temperature for 200 mm Valve is as per PN10 and flanges to PN 10RF.