

## 1094 Bronze Spring Loaded Safety Relief Valve, Open Discharge (Screwed)

### Salient Features

- Screwed Male End to IS 554 / BS 21 / ISO 7.
- Open Discharge Type.
- Metal to Rubber contact seating.

Test Pressure (Hydrostatic) :

Shell : 21.10 kg/cm<sup>2</sup>g (300 psig)

Seat : 10.55 kg/cm<sup>2</sup>g (150 psig)

Set Pressure Range : 0 - 10 kg/cm<sup>2</sup>g (Max.)

Maximum Working Temperature : 80°C

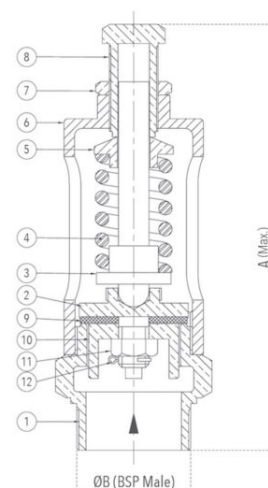
### Suitable For

Water, Oil, Air



### Materials

| P.No. | Name of Part    | Material of Construction | Specification                      | Qty. |
|-------|-----------------|--------------------------|------------------------------------|------|
| 1     | Body            | Bronze / Forged Brass    | IS 318 Gr. LTB 2 / IS 6912 Gr. FLB | 1    |
| 2     | Disc            | Bronze                   | IS 318 Gr. LTB 2                   | 1    |
| 3     | Stem            | Bronze                   | IS 318 Gr. LTB 2                   | 1    |
| 4     | Spring          | Spring Steel             | EN 47 Gr. B                        | 1    |
| 5     | Spring Disc     | Bronze                   | IS 318 Gr. LTB 2                   | 1    |
| 6     | Chamber         | Bronze                   | IS 318 Gr. LTB 2                   | 1    |
| 7     | Check Nut       | Bronze                   | IS 318 Gr. LTB 2                   | 1    |
| 8     | Adjusting Screw | Bronze                   | IS 318 Gr. LTB 2                   | 1    |
| 9     | Disc Facing     | Nitrile Rubber           | IS 5192 - 1                        | 1    |
| 10    | Guide           | Bronze                   | IS 318 Gr. LTB 2                   | 1    |
| 11    | Nut             | Brass                    | ---                                | 1    |
| 12    | Split Pin       | Brass                    | ---                                | 1    |



### Sizes / Dimensions

| Size (Inches) | Size (mm) | A (Max.) | B      |
|---------------|-----------|----------|--------|
| 1/2*          | 15*       | 170      | 1/2"   |
| 3/4*          | 20*       | 170      | 3/4"   |
| 1*            | 25*       | 190      | 1"     |
| 1 1/4         | 32        | 203      | 1 1/4" |
| 1 1/2         | 40        | 225      | 1 1/2" |
| 2             | 50        | 265      | 2"     |

\* For size 15, 20 & 25 the body is of Forged Brass

NOTE : Also available in Metal to Metal contact seating.