

## 1040A Bronze Compact Pressure Reducing Valve (Screwed)

### Salient Features

- Screwed Female Ends to IS 554 / BS 21 / ISO 7.
- Piston operated, hence more reliable than conventional diaphragm type PRV.
- Compact size, easy to Install.
- Diaphragm-less, Piston Type.
- Demands low maintenance and virtually noiseless.
- Provided with Premium Quality Nitrile Rubber 'O'Rings.
- Facility provided to install a pressure gauge of 1/4" BSP size to gauge the critically relevant outlet pressure.
- Designed to suit every application requiring accurate pressure ratings.
- All 'O' rings are of superior food grade material, hence ensuring absolute zero health hazard.

Test Pressure (Hydrostatic) :

Shell : 35 bar

Maximum Upstream Pressure : 25 bar

Maximum Working Temperature : 80°C

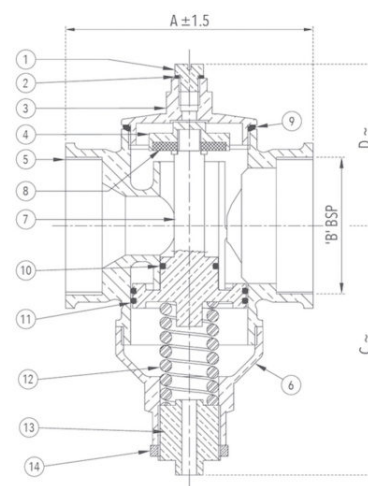
**NOTE :** At maximum inlet pressure 25 bar, the minimum outlet pressure will be 5.5 bar.

### Suitable For

Water

### Materials

| P.No. | Name of Part    | Material of Construction | Specification    | Quantity |
|-------|-----------------|--------------------------|------------------|----------|
| 1     | Plug            | Forged Brass             | IS 6912 Gr. FLB  | 1        |
| 2     | O - Ring        | Nitrile Rubber           | IS 5192 - 1      | 1        |
| 3     | Bonnet          | Bronze                   | IS 318 Gr. LTB 2 | 1        |
| 4     | Disc Holder     | Bronze                   | IS 318 Gr. LTB 2 | 1        |
| 5     | Body            | Bronze                   | IS 318 Gr. LTB 2 | 1        |
| 6     | Chamber         | Bronze                   | IS 318 Gr. LTB 2 | 1        |
| 7     | Piston          | Bronze                   | IS 318 Gr. LTB 2 | 1        |
| 8     | Disc            | Nitrile Rubber           | IS 5192 - 1      | 1        |
| 9     | Gasket          | PTFE                     | - - -            | 1        |
| 10    | O - Ring        | Nitrile Rubber           | IS 5192 - 1      | 1        |
| 11    | O - Ring        | Nitrile Rubber           | IS 5192 - 1      | 1        |
| 12    | Spring          | Spring Steel             | EN 47 Gr. B      | 1        |
| 13    | Adjustable Ring | Bronze                   | IS 318 Gr. LTB 2 | 1        |
| 14    | Locking Ring    | Bronze                   | IS 318 Gr. LTB 2 | 1        |



### Sizes / Dimensions

| Size (Inches) | Size (mm) | A ±1.5 | B      | C ~ | D ~ |
|---------------|-----------|--------|--------|-----|-----|
| 2 1/2         | 65        | 135    | 2 1/2" | 130 | 87  |
| 3             | 80        | 160    | 3"     | 150 | 101 |
| 4             | 100       | 160    | 4"     | 162 | 115 |

~ ±10