

## 1042 Bronze Globe Steam Stop Valve (Flanged) I.B.R.

### Salient Features

- Flanged Ends to BS 10 Table 'H'.
- Straight Pattern, Screwed in Bonnet, Inside Screw, Rising Stem.
- Provision for re-packing under pressure.
- Handwheel Operated.
- Premium Quality Lubricated Gland Packing.
- Renewable 13% Cr. Stainless Steel (S.S 410) working parts.
- Heat treated body seat ring and disc for extended life.

Test Pressure (Hydrostatic) :

Shell : 35.15 kg/cm<sup>2</sup>g (500 psig)

Working Pressure (Steam) : 17.58 kg/cm<sup>2</sup>g (250 psig)

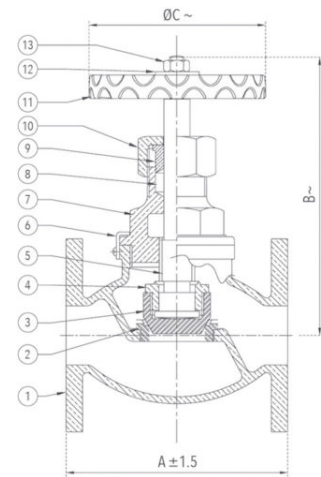
Maximum Working Temperature : 225°C

### Suitable For

Steam, Water

### Materials

| P.No. | Name of Part   | Material of Construction | Specification          | Quantity |
|-------|----------------|--------------------------|------------------------|----------|
| 1     | Body           | Bronze                   | IBR 282 (a) (IV) Gr. B | 1        |
| 2     | Body Seat Ring | Stainless Steel          | ASTM A276 Type 410     | 1        |
| 3     | Disc           | Stainless Steel          | ASTM A276 Type 410     | 1        |
| 4     | Disc Nut       | Bronze                   | IBR 282 (a) (IV) Gr. B | 1        |
| 5     | Stem           | Stainless Steel          | ASTM A276 Type 410     | 1        |
| 6     | Safety Lock    | Brass Sheet              | IS 410                 | 1        |
| 7     | Bonnet         | Bronze                   | IBR 282 (a) (IV) Gr. B | 1        |
| 8     | Gland Packing  | Asbestos                 | IS 4687                | -        |
| 9     | Gland          | Bronze                   | IBR 282 (a) (IV) Gr. B | 1        |
| 10    | Gland Nut      | Bronze                   | IBR 282 (a) (IV) Gr. B | 1        |
| 11    | Handwheel      | Cast Iron                | IS 210 Gr. FG 200      | 1        |
| 12    | Washer         | Carbon Steel             | ---                    | 1        |
| 13    | Nut            | Carbon Steel             | ---                    | 1        |



### Sizes / Dimensions

| Size (Inches) | Size (mm) | A ±1.5 | B ~ | ØC ~ |
|---------------|-----------|--------|-----|------|
| 1/2           | 15        | 102    | 115 | 90   |
| 3/4           | 20        | 114    | 115 | 90   |
| 1             | 25        | 127    | 130 | 102  |
| 1 1/4         | 32        | 140    | 160 | 127  |
| 1 1/2         | 40        | 152    | 168 | 127  |
| 2             | 50        | 178    | 185 | 150  |

~ ±10