

## CI-1A Cast Iron Globe Valve Flanged (IBR Approved)

### Product Description

HSN 84818030

Product : 'SANT' Cast Iron Globe Valve  
 Product Standard : BS:5152 / DIN 86251  
 Type of Pattern : Straight Pattern  
 Pressure / Class / Rating : PN 16  
 Body Material cum Standard : Cast Iron IBR 86 to 93 Gr.A  
 Description : Bolted Bonnet, Outside Screw & Yoke Type Rising Stem  
 Type of Seat : Renewable seat  
 Type of Disc : Renewable disc  
 Trim : SS AISI-410  
 Gland Packing : Expanded Pure Flexible Graphite  
 End Details : Flanges as per DIN 2533 RF (PN 16) Undrilled



### Testing & Certification

Rating : PN 16  
 Body Test Pressure : 26Kg/cm<sup>2</sup>g (Hyd.)  
 Seat Test Pressure : 16Kg/cm<sup>2</sup>g (Hyd.)  
 Backseat Pressure : 16Kg/cm<sup>2</sup>g (Hyd.)  
 Working Pressure : Max BOP 13Kg/cm<sup>2</sup>g at 220°C Steam

Test Certificate in Form III-C as per IBR is furnished with every supply.

### Application

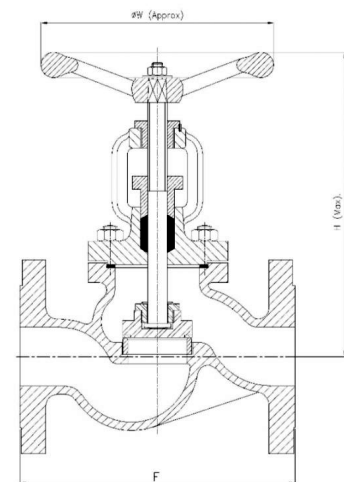
|       |       |
|-------|-------|
| Water | Steam |
|-------|-------|

### Materials of Construction

| Components   | Materials                       | Specifications    |
|--|---------------------------------|-------------------|
| Body, Bonnet, Valve Disc, Gland & Handwheel          | Cast Iron                       | IBR 86 to 93 Gr.A |
| Body Seat Ring, Valve Disc Ring, Spindle & Check Nut | Stainless Steel                 | AISI-410          |
| Gasket   | Compressed Asbestos             | IS:2712 Gr.C      |
| Gland Packing  | Expanded Pure Flexible Graphite | —                 |
| Fasteners  | Mild Steel                      | —                 |
| Yoke Bush  | Aluminum Bronze                 | —                 |

### Dimensions (in mm)

| Nominal Size | Nominal Size (Inches) | F     | H (Open) | ØW (Approx.) |
|--------------|-----------------------|-------|----------|--------------|
| 15           | 1/2                   | 130±1 | 180      | 125          |
| 20           | 3/4                   | 150±1 | 190      | 125          |
| 25           | 1                     | 160±1 | 200      | 125          |
| 32           | 1.1/4                 | 180±1 | 225      | 125          |
| 40           | 1.1/2                 | 200±1 | 250      | 160          |
| 50           | 2                     | 230±2 | 260      | 160          |
| 65           | 2.1/2                 | 290±2 | 315      | 200          |
| 80           | 3                     | 310±2 | 350      | 200          |
| 100          | 4                     | 350±2 | 410      | 250          |
| 125          | 5                     | 400±3 | 455      | 250          |
| 150          | 6                     | 480±3 | 530      | 315          |
| 200          | 8                     | 600±3 | 600      | 400          |



Notes

1. Product images are for illustration purposes only. Actual product may vary.
2. Actual dimensions may change over time, due to continual design improvements. Please confirm before placing order.