

CAST IRON GLOBE STEAM STOP VALVE

Design Features:

- Cast Iron Globe Stop Valve
- Straight Pattern
- Bolted Bonnet
- Outside Screw and Yoke Type
- Bronze Trim
- Raised Face Drilled/ Undrilled

Conformity to Standard & Codes:

Design Standard

- BS: 5152
- Flanged Ends to BS:4504 Part 1 Table 16/11 DIN 2533 PN16

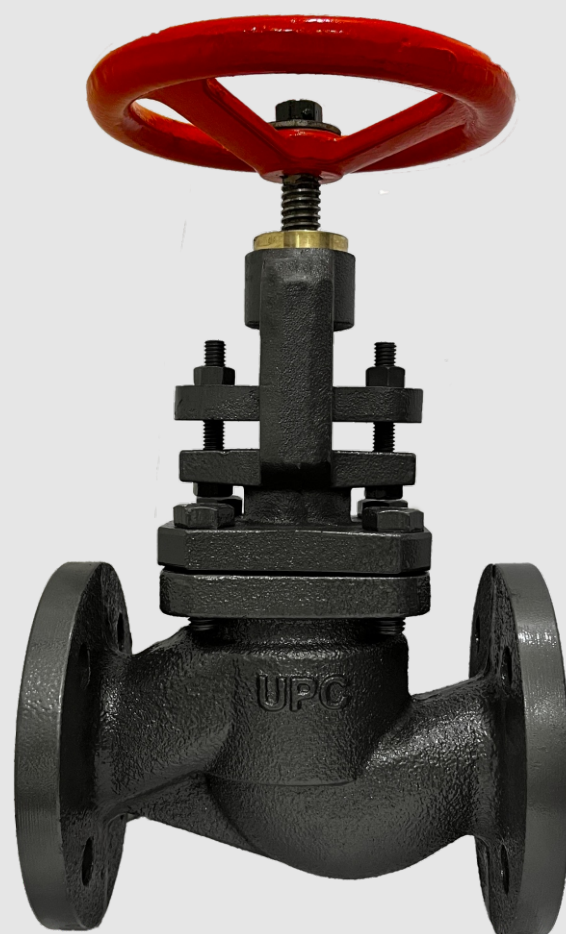
Design Features

- Stream Line shaped flow way area for smooth flow of working fluid for minimum pressure drop.
- Bolted Body Bonnet Joint.
- Renewable Body Seat & Disc Facing Rings.
- Bolted Gland.
- Back seating arrangement permits the replacement of gland packing in fully open position while the Valve is under inline pressure.
- Large lift to avoid obstruction in the flow way area.
- Sturdy spoked handwheel clear from the top of yoke is provided for operation of the Valve.
- Designed for tight shut off & efficient fluid flow control.
- Ample depth of stuffing Box.

Applications

- Steam Industries
- Water Supply & Solvent Industries
- Oil Industries
- Process Industries

☒ Water
 ☒ Steam
 ☒ Oil
 ☐ Air



Test Certificate in Form III_C as per IBR is Furnished with every supply

UPC INSTRUMENTS PVT.LTD.

AN ISO 9001:2015, 14001-2015, CE, TÜV SÜD & IBR CERTIFIED COMPANY



CAST IRON GLOBE STEAM STOP VALVE

DIMENSIONS:

| NOMINAL SIZE | | | | | | | | | | | |
|--------------|------------|-------|-------|-----|------|------|-------|----|------|----|-----|
| Inches | Size in mm | FF ±2 | ØFD | ØW | ØRFD | ØRFH | k | n | Ød | FT | H |
| 1/2" | 15 | 130 | 114.3 | 100 | - | - | 82.6 | 4 | 17.5 | 14 | 175 |
| 3/4" | 20 | 150 | 114.3 | 100 | - | - | 82.6 | 4 | 17.5 | 16 | 180 |
| 1" | 25 | 160 | 115 | 100 | 65 | 3 | 87.3 | 4 | 17.5 | 16 | 205 |
| 1 1/4" | 32 | 180 | 140 | 165 | 76 | 3 | 98.4 | 4 | 17.5 | 18 | 240 |
| 1 1/2" | 40 | 200 | 150 | 165 | 84 | 3 | 104.8 | 4 | 17.5 | 18 | 265 |
| 2" | 50 | 230 | 165 | 165 | 99 | 3 | 127 | 4 | 17.5 | 20 | 275 |
| 2 1/2" | 65 | 290 | 185 | 200 | 118 | 3 | 146 | 8 | 17.5 | 20 | 317 |
| 3" | 80 | 310 | 203.2 | 200 | 132 | 3 | 165 | 8 | 17.5 | 22 | 330 |
| 4" | 100 | 350 | 228.6 | 250 | - | - | 190.5 | 8 | 17.5 | 24 | 380 |
| 5" | 125 | 400 | 279.4 | 250 | - | - | 235 | 8 | 22.3 | 26 | 410 |
| 6" | 150 | 480 | 304.8 | 315 | - | - | 260.4 | 12 | 22.3 | 26 | 440 |
| 8" | 200 | 600 | 375 | 400 | - | - | 324 | 12 | 22.3 | 34 | - |

*All dimensions are in mm unless and otherwise specified.

PART LIST

| S NO | PART NAME | MATERIAL | STANDARD |
|------|----------------|-------------------|------------------------|
| 1. | Body | C.I. | IBR 86 To 93 Gr.A |
| 2. | Body Seat Ring | CF8 | ASTM A276 TYPE 304 |
| 3. | Disc | SS | ASTM A276 TYPE 410 |
| 4. | Disc Nut | SS | ASTM A276 TYPE 410 |
| 5. | Stem | SS | ASTM A276 TYPE 410 |
| 6. | Gasket | Non-Asbestos | - |
| 7. | Studs & Nuts | Carbon steel | - |
| 8. | Packing | Flexible Graphite | - |
| 9. | Gland Flange | C.I. | EN 1563 Gr. GJS-400-15 |
| 10. | Bonnet | C.I. | (IBR 86 To 93 Gr. A) |
| 11. | Yoke Bush | A.I. Bronze | BS EN 1982 GR. CC331G |
| 12. | Washer | Carbon Steel | - |
| 13. | Nut | Carbon Steel | - |
| 14. | Handwheel | Carbon Steel | - |
| 15. | T-Bolts & Nuts | Carbon Steel | - |

WARRANTY

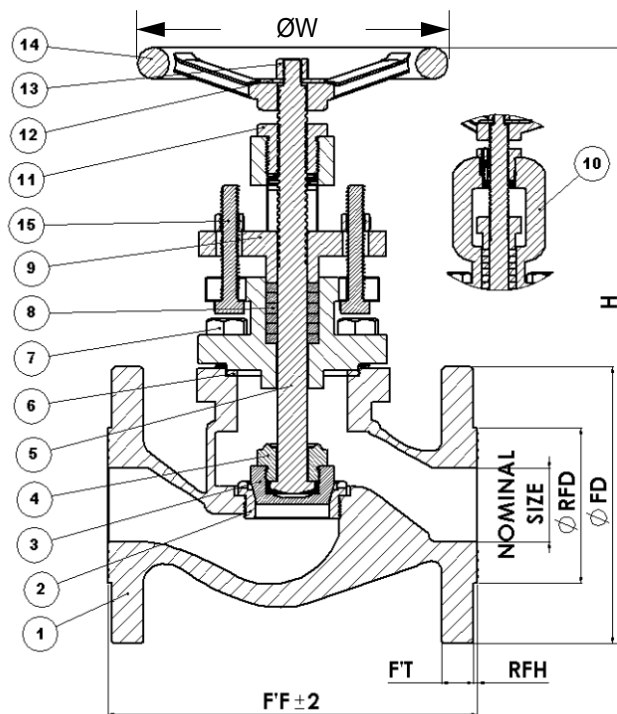
All the valves are warranted against any manufacturing defect for a period of 12 months from date of supply, provided the valves has not been misused, damaged, installed for services it is not recommended or the seal has been tempered with. The company shall be liable to furnish part/ parts thereof or full Valve as the company may deem fit.



TEST PRESSURE:

| TYPE OF TEST | For 150mm & below PRESSURE (KG/CM2) |
|---------------------------|--|
| Body | 26 Kg/cm ² |
| Seat | 17.6 Kg/cm ² |
| Back Seat | 17.6 Kg/cm ² |
| Maximum Pressure at 220°C | 13.2 Kg/cm ² g |

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