

CAST CARBON STEEL GLOBE STEAM STOP VALVE PN40

Design Features:

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

Conformity to Standard & Codes:

- Product Standard-BS EN-13709
- Testing Standard-BS EN 12266-Part 1
- End Details-Flanged Ends to BS EN 1092-1 Pn40 Raised face (Drilled)

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 CERTIFIED COMPANY



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DIMENSIONS:

| NOMINAL SIZE | | | | | | | | | | | |
|--------------|------------|-------|-----|-----|------|------|-------|----|------|----|-----|
| Inches | Size in mm | FF ±2 | ØFD | ØW | ØRFD | ØRFH | k | n | Ød | FT | H |
| 1/2" | 15 | 130 | 95 | 125 | 45 | 2 | 65 | 4 | 14 | 16 | 215 |
| 3/4" | 20 | 150 | 115 | 125 | 58 | 2 | 82.6 | 4 | 17.5 | 18 | 224 |
| 1" | 25 | 160 | 115 | 160 | 68 | 2 | 87.3 | 4 | 17.5 | 18 | 240 |
| 1 1/4" | 32 | 180 | 140 | 160 | 78 | 2 | 98.4 | 4 | 17.5 | 18 | 297 |
| 1 1/2" | 40 | 200 | 150 | 200 | 88 | 3 | 104.8 | 4 | 17.5 | 18 | 322 |
| 2" | 50 | 230 | 165 | 200 | 102 | 3 | 127 | 4 | 17.5 | 20 | 348 |
| 2 1/2" | 65 | 290 | 185 | 250 | 122 | 3 | 146.1 | 8 | 17.5 | 22 | 412 |
| 3" | 80 | 310 | 200 | 250 | 138 | 3 | 165.1 | 8 | 17.5 | 24 | 450 |
| 4" | 100 | 350 | 235 | 315 | 162 | 3 | 190.5 | 8 | 17.5 | 24 | 529 |
| 5" | 125 | 400 | 280 | 315 | 188 | 3 | 235 | 8 | 22.3 | 26 | 600 |
| 6" | 150 | 480 | 300 | 400 | 218 | 3 | 260.4 | 12 | 22.3 | 28 | 690 |
| 8" | 200 | 600 | 375 | 450 | 285 | 3 | 324 | 12 | 22.3 | 34 | 832 |
| 10" | 250 | 730 | 450 | 450 | 345 | 3 | 381 | 12 | 25.4 | 38 | - |



*All dimensions are in mm unless and otherwise specified.

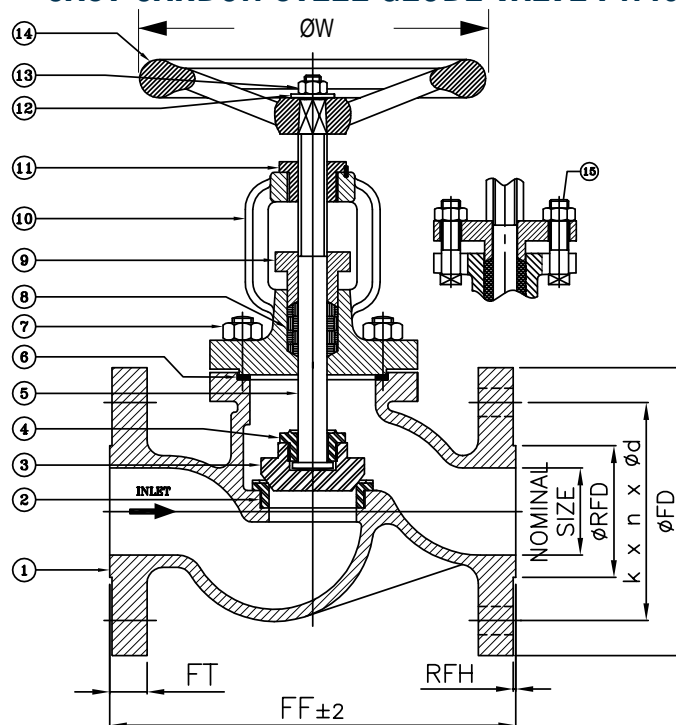
PART LIST

| S NO | PART NAME | MATERIAL |
|------|----------------|--------------------|
| 1. | Body | C.C.S. |
| 2. | Body Seat Ring | CF8 |
| 3. | Disc | Stainless Steel |
| 4. | Disc Nut | Stainless Steel |
| 5. | Stem | Stainless Steel |
| 6. | Gasket | Non-Asbestos |
| 7. | Studs & Nuts | Carbon steel |
| 8. | Packing | Flexible Graphite |
| 9. | Gland Flange | C.C.S. |
| 10. | Bonnet | C.C.S. |
| 11. | Yoke Bush | S.S. / A.I. Bronze |
| 12. | Washer | Carbon Steel |
| 13. | Nut | Carbon Steel |
| 14. | Handwheel | C.I. / M.I. |
| 15. | T-Bolts & Nuts | Carbon Steel |

TEST PRESSURE:

| TYPE OF TEST | Maximum Pressure at 400°C PRESSURE (KG/CM ²) |
|--------------|---|
| Body | 60 Kg/cm ² |
| Seat | 44 Kg/cm ² |
| Back Seat | 44 Kg/cm ² |

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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.



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