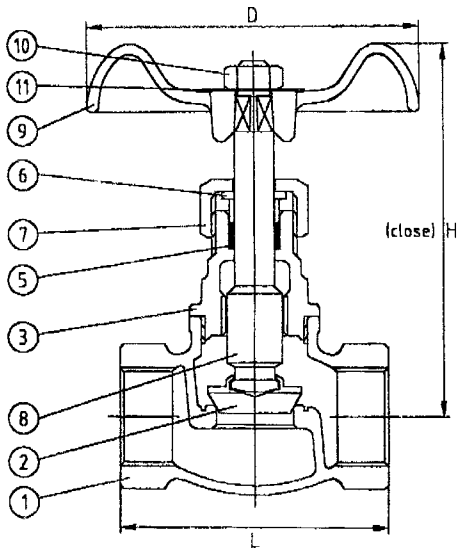
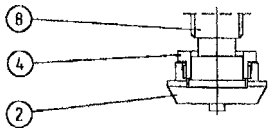
NIBCO
AHEAD OF THE FLOW

# Bronze Globe Valve PN20
# Screw in Bonnet with Metal Disc

Thread Ends comply to BS21 Taper Thread (ISO 7)
Conforming to BS 5154 or BSEN 12288




**NP 303-300**




**For Sizes 1-1/4" - 2"**

## MATERIAL LIST

| | PART | MATERIAL | SPECIFICATION (BS) |
|---|---|---|---|
| 1. | Body | Cast Bronze | 1982 CC490K |
| 2. | Disc 1/2" -1" | Brass | 12164 CW603N |
| | 1-1/4" - 2" | Cast Bronze | 1982 CC490K |
| 3. | Bonnet | Cast bronze | 1982 CC490K |
| 4. | Lock Nut | Brass | 12164 CW603N |
| 5. | Stem Packing | Teflon | PTFE |
| 6. | Gland | Brass | 12164 CW603N |
| 7. | Packing Nut | Brass | 12164 CW603N |
| 8. | Stem | Brass | 12164 CW603N |
| 9. | Handwheel | Cast Iron | 1561 EN-JL 1030 |
| 10. | Wheel Nut | Steel | - - |
| 11. | Name Plate | Aluminum | - - |

## Pressure Testing

Shell 30 Bar
Seat 22 Bar

## Pressure Rating

9 bar at 180˚C
20 bar from -10˚C to 100˚C

## DIMENSIONS (mm)

| Nominal Size Inch(mm) | D | H | L | Wt. (Kg) |
|---|---|---|---|---|
| 1/2" (15mm) | 53.0 | 70 | 49 | 0.26 |
| 3/4" (20mm) | 57.5 | 70 | 56 | 0.35 |
| 1" (25mm) | 64.0 | 87 | 65 | 0.55 |
| 1 1/4" (32mm) | 74.0 | 94 | 75 | 0.72 |
| 1 1/2" (40mm) | 74.0 | 104 | 84 | 1.01 |
| 2" (50mm) | 87.0 | 124 | 99 | 1.54 |

Freezing weather precaution: Subsequent to testing a piping system, valves should be in an open position to allow complete drainage.