

D16

Bronze Globe Valve – Series A

PN32*

D16



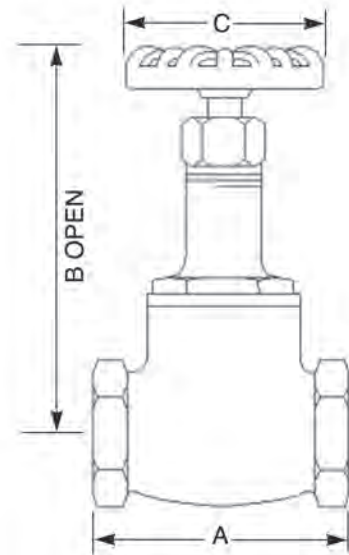
Features & Benefits

- Crane Bronze globe valves are highly efficient for throttling because seat and disc designs provide flow characteristics with proportionate relationships between valve lift and flow rate
- *Please note Sizes 2 1/2" and 3" are rated at PN25

Materials

| PART | MATERIAL | SIZES |
|----------------|--|---------------------|
| Body | Bronze BS EN 1982 CC491K | All |
| Bonnet | Bronze BS EN 1982 CC491K | All |
| Body Seat Ring | 13% Cr.Steel BS970 Pt.1 410S21 or 431S29 | All |
| Disc Stem Ring | Brass BS EN 12163 CW721R | All |
| Disc | 13% Cr.Steel BS970 Pt.1 410S21 or 431S29 | 1/2 - 2 |
| Disc | Nickel Alloy | 1/4, 3/8, 2 1/2 & 3 |
| Stem | Manganese Bronze BS EN 12163 CW721R | All |
| Gland | Brass BS EN 12164 CW614N | All |
| Packing | Asbestos Free | All |
| Packing Nut | Brass BS EN 12164 CW614N | 1/4 - 2 1/2 |
| Packing Nut | Bronze BS EN 1982 CC491K | 3" only |
| Handwheel | Aluminium | 1/4 - 2 1/2 |
| Handwheel | Malleable Iron BS EN 1562 GJMB-300-6 | 3" only |
| Handwheel Nut | Brass BS EN 12164 CW614N | All |
| ID Plate | Aluminium | All |
| Gasket | Asbestos Free | 2 1/2 - 3 |

Dimensional Drawing



Dimensions & Weights

| SIZE (inch) | WEIGHT (kg) | A (mm) | B (mm) | C (mm) |
|-------------|-------------|--------|--------|--------|
| 1/4 | 0.33 | 52 | 100 | 52 |
| 3/8 | 0.31 | 52 | 100 | 52 |
| 1/2 | 0.8 | 62 | 101 | 52 |
| 3/4 | 1.24 | 74 | 115 | 52 |
| 1 | 1.5 | 90 | 125 | 70 |
| 1 1/4 | 1.7 | 100 | 150 | 70 |
| 1 1/2 | 2.16 | 115 | 159 | 92 |
| 2 | 3.67 | 136 | 191 | 103 |
| 2 1/2 | 6 | 166 | 220 | 121 |
| 3 | 10.9 | 190 | 255 | 178 |

Pressure/Temperature Ratings

| | | |
|------------------|------------|-----|
| TEMPERATURE (°C) | -10 to 100 | 260 |
| PRESSURE (BAR) | 32 | 14 |

Intermediate pressure ratings shall be determined by interpolation.

PRESSURE RATING: PN32

TEMPERATURE OPERATING RANGE: -10 to 260°C

UK END CONNECTION: Taper threaded to BS EN 10226-2 (ISO 7-1) formerly BS 21

US END CONNECTION: ANSI B1.20.1

OPERATOR: Handwheel

SPECIFICATION: Valves are manufactured in accordance with BS 5154: 1991 Series A, PN32 for sizes 1/4" to 2" and PN25 for sizes 2 1/2" and 3".

Design incorporates a nickel alloy plug type disc retained on the stem by a threaded ring; body seat is a screwed-in stainless steel ring.

This valve is not suitable for use on group 1 gases or unstable fluids, as defined by the Pressure Equipment Directive 2014/68/EU.*

* See page 159 for more information