



## Fig. VAL609 GLOBE VALVE BRONZE, RISING STEM, PN20

### Specification

- ✓ Rising stem.
- ✓ Threaded bonnet.
- ✓ Bronze trim.
- ✓ Taper threaded BS EN 10226 (ISO 1-7) formerly BS 21.
- ✓ Complies with BS EN 12288:2010.

### HYDROSTATIC TEST PRESSURE

Shell- 30 bar  
Seat- 22 bar

### WORKING TEMPERATURE

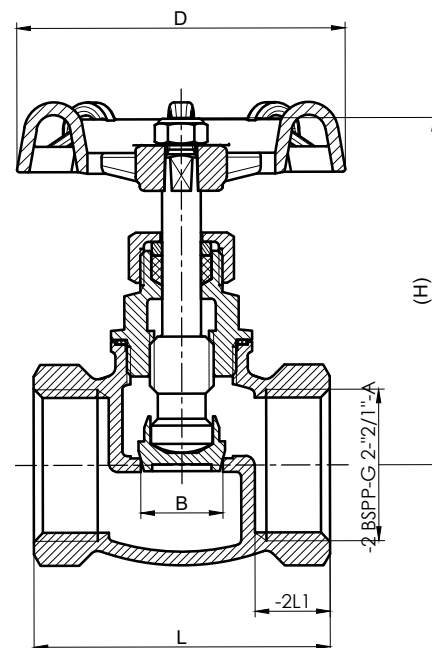
20 bar from -10 to 120°C  
WRAS Approved to 80°C

### FEATURES & BENEFITS

- Robust and high quality bronze body with integral seating surfaces
- Inside screw pattern with rising stem

### MATERIAL SPECIFICATION

| Component            | Material        | BS EN        | Specification<br>ASTM |
|----------------------|-----------------|--------------|-----------------------|
| Body                 | Bronze          | 1982 CC491K  | B62 C83600            |
| Bonnet               | Bronze          | 1982 CC491K  | B62 C83600            |
| Stem (1/4" to 2")    | Bronze          | 1982 CC491K  | B62 C83600            |
| Disc                 | Bronze          | 1982 CC491K  | B62 C83600            |
| Packing Ring         | PTFE            | -            |                       |
| Gland                | Brass           | 12164 CW614N |                       |
| Packing Nut          | Brass           | 12164 CW614N |                       |
| Handwheel            | Aluminium       | -            |                       |
| Identification Plate | Aluminium       | -            |                       |
| Handwheel Nut        | Stainless Steel | -            |                       |



### Dimensions in mm

| Size                | DN15  | DN20  | DN25  | DN32   | DN40   | DN50  |
|---------------------|-------|-------|-------|--------|--------|-------|
| Thread              | 1/2"  | 3/4"  | 1"    | 1 1/4" | 1 1/2" | 2"    |
| L                   | 50    | 52    | 60    | 65.5   | 69     | 75.5  |
| H1<br>(Fully open)  | 112.5 | 139.5 | 165.5 | 195    | 222    | 273.5 |
| H2<br>(Fully close) | 95    | 116.5 | 137.5 | 159.5  | 179    | 221.5 |
| D                   | 60    | 72    | 72    | 78     | 90     | 100   |
| B                   | 13    | 20    | 25    | 32     | 38.1   | 50    |
| C                   | 15    | 15    | 18.5  | 18.5   | 19     | 20.5  |

### Water Technical Data

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Nominal Pressure      | PN40                                              |
| Nominal Size          | 2-1/2" (DN -15DN50)                               |
| Operating Temperature | 20 bar from -10 to 120°C<br>WRAS Approved to 80°C |
| Fluid                 | Water, Non-corrosive liquid                       |
| Applicable standard   | BS EN 5154                                        |

### Notes

Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.