

# **WALWORTH INDUSTRIAL BRONZE GLOBE VALVE** CLASS 150 (300 WOG)

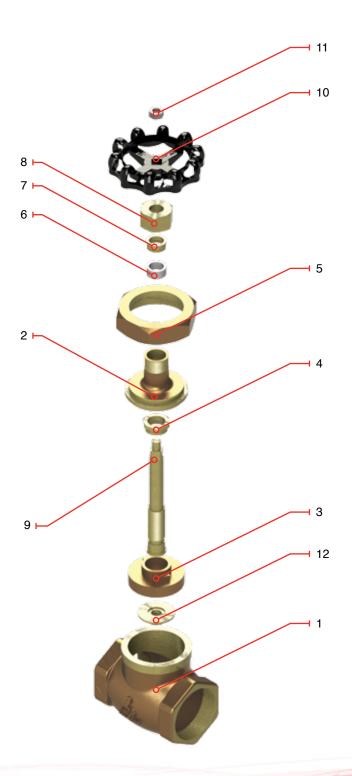
### **DESIGN FEATURES**

- · Design in accordance with MSS SP-80
- · Rising Stem
- · Bronze construction
- · Integral seat rings
- · Union Bonnet Design
- · Soft Seat
- Threaded ends as per ANSI B1.20.1
- · Face to face dimensions as per WALWORTH design
- · Handwheel operated

| CATALOG FIGURE NO. | TYPE OF ENDS  |  |
|--------------------|---------------|--|
| W95                | Threaded Ends |  |

### **REGULAR BILL OF MATERIALS**

| NO. | DESCRIPTION   | MATERIALS         |  |  |  |
|-----|---------------|-------------------|--|--|--|
| 1   | Body          | Bronze B62        |  |  |  |
| 2   | Bonnet        | Bronze B62        |  |  |  |
| 3   | Disc          | Bronze B62        |  |  |  |
| 4   | Disc Holder   | Bronze B62        |  |  |  |
| 5   | Union Nut     | Bronze B62        |  |  |  |
| 6   | Stem Packing  | Non Asbestus      |  |  |  |
| 7   | Gland         | Brass B16         |  |  |  |
| 8   | Packing Nut   | Bronze B62        |  |  |  |
| 9   | Stem          | Bronze B62        |  |  |  |
| 10  | Handwheel     | Ductile Iron A536 |  |  |  |
| 11  | Handwheel nut | Galvanized Steel  |  |  |  |
| 12  | Disc Nut      | Bronze B62        |  |  |  |



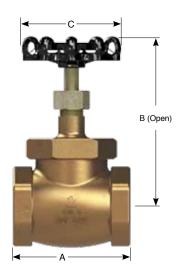


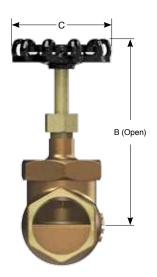
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### **DIMENSIONS AND WEIGHTS**

| D<br>NOMINAL<br>DIAMETER | mm               | 13    | 19     | 25     | 30     | 40     | 50     |
|--------------------------|------------------|-------|--------|--------|--------|--------|--------|
|                          | in               | 1/2"  | 3/4"   | 1"     | 1 1/4" | 1 1/2" | 2"     |
| Α                        | mm               | 57.15 | 67.31  | 76.7   | 89.66  | 101.6  | 122.42 |
|                          | in               | 2.25  | 2.65   | 3.02   | 3.53   | 4      | 4.82   |
| В                        | mm               | 104.9 | 125.47 | 140.84 | 155.19 | 172.84 | 200.66 |
|                          | in               | 4.13  | 4.94   | 5.54   | 6.11   | 6.8    | 7.9    |
| С                        | mm               | 50.8  | 63.5   | 69.85  | 76.2   | 88.9   | 101.6  |
|                          | in               | 2     | 2.5    | 2.75   | 3      | 3.5    | 4      |
| Weight W95               | kg               | 0,46  | 0,65   | 1,00   | 1,46   | 2,19   | 3,33   |
|                          | lb               | 1.01  | 1.43   | 2.2    | 3.21   | 4.81   | 7.32   |
| Cv                       | Flow coefficient | 2.46  | 5.76   | 10.69  | 17.08  | 25.17  | 47.05  |