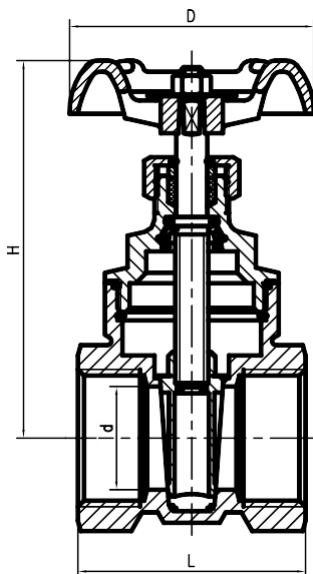


**CLASS 125**

Brass Gate Valve (Threaded)

Fig. 3101

**Specification**

Screwed-In bonnet • Solid Wedge Disc  
Non-Rising Stem • Integral Seat • Asbestos Free  
Threaded to BS 21 (ISO7) / ASME B1.20.1  
Size Range: 10mm(3/8")~100mm(4")

**Pressure Ratings**

|                  |                                                                                                    |
|------------------|----------------------------------------------------------------------------------------------------|
| Working Pressure | 232 psi (16 bar) WOG Non-Shock<br>100 psi (7 bar) Saturated Steam                                  |
| Testing Pressure | Shell: 348 psi (24bar) Hydrostatic<br>Seat: 255 psi (17.6 bar) Hydrostatic<br>80 psi (5.5 bar) Air |
| Suitable Media   | Water, Oil, Gas.                                                                                   |

**Material List**

| Part Name   | Material     | ASTM        | BS EN        |
|-------------|--------------|-------------|--------------|
| Body        | Brass        | B124 C37700 | 12165 CW617N |
| Bonnet      | Brass        | B124 C37700 | 12165 CW617N |
| Disc        | Brass        | B124 C37700 | 12165 CW617N |
| Stem        | Brass Rod    | B124 C37700 | 12165 CW617N |
| Packing     | PTFE         |             |              |
| Packing Nut | Brass Rod    | B124 C37700 | 12165 CW617N |
| Gland       | Brass Rod    | B124 C37700 | 12165 CW617N |
| Handwheel   | Cast Iron    |             |              |
| Gasket      | Non-Asbestos |             |              |

**Dimension**

| Size | mm   | 10  | 15  | 20   | 25 | 32    | 40    | 50  | 65    | 80  | 100 |
|------|------|-----|-----|------|----|-------|-------|-----|-------|-----|-----|
|      | Inch | 3/8 | 1/2 | 3/4  | 1  | 1-1/4 | 1-1/2 | 2   | 2-1/2 | 3   | 4   |
| L    |      | 42  | 45  | 49   | 55 | 62    | 64    | 72  | 88    | 98  | 107 |
| H    |      | 69  | 75  | 83   | 94 | 111   | 124   | 144 | 186   | 209 | 255 |
| D    |      | 53  | 53  | 53   | 58 | 72    | 7     | 78  | 96    | 110 | 130 |
| d    |      | 12  | 14  | 19.5 | 25 | 32    | 38    | 48  | 63    | 76  | 96  |