

# Brass ball valves

Fig. 4211

## Standard

Design standard: GB/T8464  
Threaded body cover • full bore  
Explosion-proof stem • PTFE seal  
Threads conform to: BS 21 (ISO7) / ASME B1.20.1  
Size Range: 15mm(1/2")~100mm(4")  
Test standard: GB/T13927

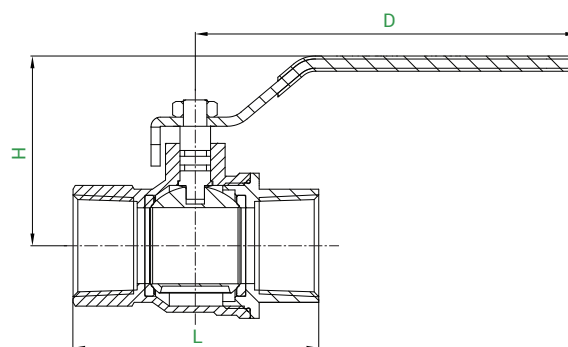
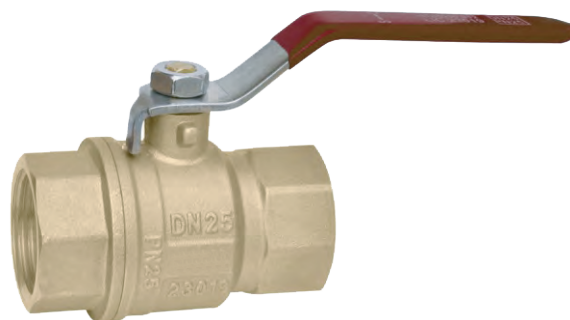
## Technical data

Operating pressure: 600 psi (41.3 bar) water (no impact)  
150 psi (10.3 bar) saturated steam  
Test Pressure: Housing: 900 psi (62 bar) water (static)  
Seal: 660 psi (45.5 bar) water (hydrostatic)  
80 psi (5.5 bar) gas  
Medium: water, oil, gas

## Material

| Part       | Material     | Standard     |
|------------|--------------|--------------|
| Body       | Brass        | 12165 CW617N |
| Bonnet     | Brass        | 12165 CW617N |
| Ball Valve | Brass        | 12165 CW617N |
| Seal       | PTFE         | -            |
| Stem       | Brass        | 12165 CW617N |
| O-ring     | NBR          | -            |
| Handwheel  | carbon steel | -            |

## Schema



## Dimensions

| DN | mm   | 15   | 20   | 25 | 32    | 40    | 50  | 65    | 80  | 100 |
|----|------|------|------|----|-------|-------|-----|-------|-----|-----|
|    | inch | 1/2  | 3/4  | 1  | 1-1/4 | 1-1/2 | 2   | 2-1/2 | 3   | 4   |
| L  |      | 50.5 | 59.5 | 67 | 78    | 88    | 99  | 134   | 152 | 182 |
| H  |      | 33   | 40   | 44 | 58    | 63    | 76  | 118   | 132 | 150 |
| D  |      | 76   | 94   | 94 | 120   | 120   | 152 | 220   | 270 | 280 |