

## FORGED BRASS BALL VALVE WITH SS 304 HANDLE

LEHRY Forged Brass ball Valve Screwed End. Suitable for domestic water services, heating, air-conditioning plants and compressed air systems

- ❖ Female/Female threads.
- ❖ Flat lever handle of Stainless Steel 304
- ❖ Body in nickel-plated brass.
- ❖ Minimum and maximum working temperatures: -20°C, 120°C in absence of steam.
- ❖ Threads ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

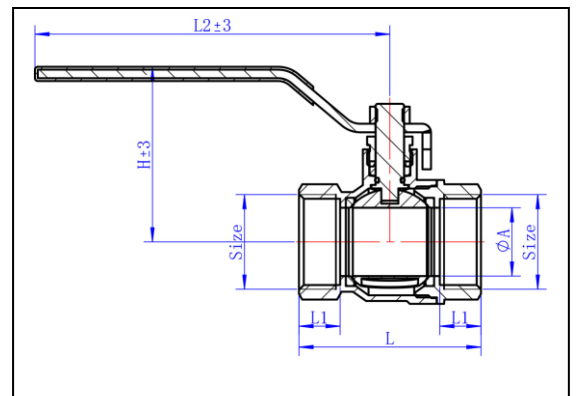
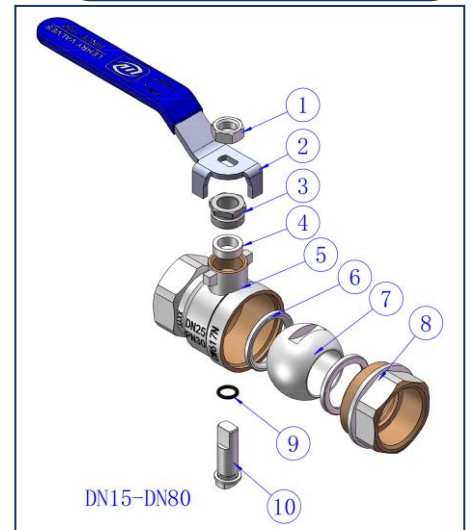
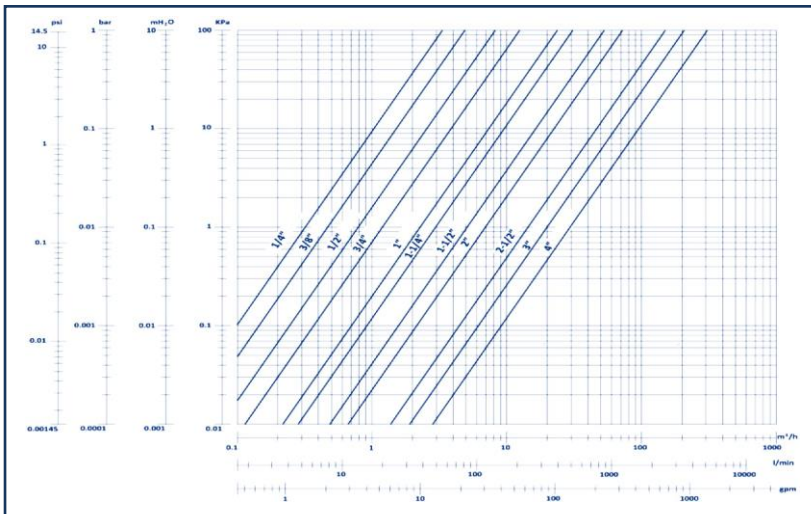


### Specifications:

| SL. No | Description  | Material                                     |
|--------|--------------|----------------------------------------------|
| 1      | Nut          | SS 304 (ASTM A351 Gr. CF8)                   |
| 2      | Handle       | SS 304 (ASTM A351 Gr. CF8)                   |
| 3      | Pressing Cap | Brass with Nickel Plated                     |
| 4      | Packing      | PTFE                                         |
| 5      | Body         | CW617N Brass in Nickel Plated (Forged Brass) |
| 6      | Seat         | PTFE                                         |
| 7      | Ball         | CW617N Brass with Hard Chrome Plated         |
| 8      | Bonnet       | CW617N Brass in Nickel Plated (Forged Brass) |
| 9      | O-Ring       | EPDM                                         |
| 10     | Stem         | CW617N Brass                                 |

### Typical Chemical Composition of Brass Valves

| Standard | Cu   | Pb   | Ni    | Sn    | Fe    | Al    | Mn    | Zn        |
|----------|------|------|-------|-------|-------|-------|-------|-----------|
| CW617N   | 58.9 | 2.02 | 0.059 | 0.196 | 0.285 | 0.026 | 0.004 | Remainder |



### Dimensions

(All Dimensions are in mm)

| SIZE   | DN | ØA   | L     | L1   | L2   | H    | L3   | H1   | Weight(g) |
|--------|----|------|-------|------|------|------|------|------|-----------|
| 1/4"   | 8  | 6.35 | 42    | 10   | 83.5 | 44.8 | 10   | 8.5  | 189       |
| 3/8"   | 10 | 9.52 | 42    | 10   | 83.5 | 44.8 | 10   | 8.5  | 189       |
| 1/2"   | 15 | 14.8 | 49    | 11.5 | 98.5 | 49   | 11   | 8.8  | 189       |
| 3/4"   | 20 | 19   | 54    | 12   | 98.5 | 53   | 11   | 8.8  | 270       |
| 1"     | 25 | 24   | 64    | 14.5 | 125  | 61.5 | 13   | 10   | 411       |
| 1-1/4" | 32 | 30   | 75.5  | 16   | 140  | 79.5 | 15.5 | 11   | 615       |
| 1-1/2" | 40 | 37   | 89    | 17.5 | 140  | 81   | 16   | 11.5 | 931       |
| 2"     | 50 | 45   | 97    | 17.5 | 165  | 89   | 21   | 16.8 | 1390      |
| 2-1/2" | 65 | 62   | 133.5 | 25   | 236  | 117  | 24   | 18   | 3083      |
| 3"     | 80 | 75   | 151.5 | 26.5 | 283  | 127  | 31   | 23   | 4263      |

### Hydraulic Test Pressure

Size: 8mm – 25mm (PN.30)  
B.T.P: 45 Bar  
S.T.P: 30 Bar

Size: 32mm – 50mm (PN.25)  
B.T.P: 37.5 Bar  
S.T.P: 25 Bar

Size: 65mm – 100mm (PN.16)  
B.T.P: 24 Bar  
S.T.P: 16 Bar

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