



## REDUCED FLOW BALL VALVES: ORIENT

### 113 Orient ball valve, reduced flow

Suitable for domestic water services, heating and air-conditioning plants, compressed air systems.  
ORIENT



| SIZE         | PRESSURE     | CODE    | PACKING |
|--------------|--------------|---------|---------|
| 1/4" (DN 8)  | 50bar/725psi | 0920014 | 15/210  |
| 3/8" (DN 10) | 50bar/725psi | 0920038 | 15/210  |
| 1/2" (DN 15) | 50bar/725psi | 1130012 | 12/144  |
| 3/4" (DN 20) | 40bar/580psi | 1130034 | 8/112   |
| 1" (DN 25)   | 40bar/580psi | 1130100 | 6/72    |

#### CERTIFICATIONS



#### TECHNICAL SPECIFICATIONS

Female/female threads.

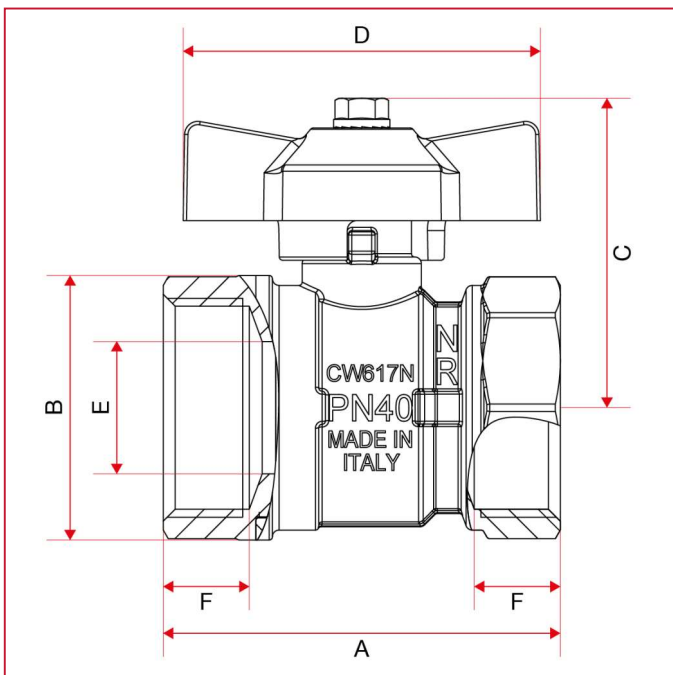
T handle in aluminium.

Body in nickel-plated brass.

Minimum and maximum working temperatures: -20°C, 150°C in absence of steam.

Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

#### OVERALL DIMENSIONS

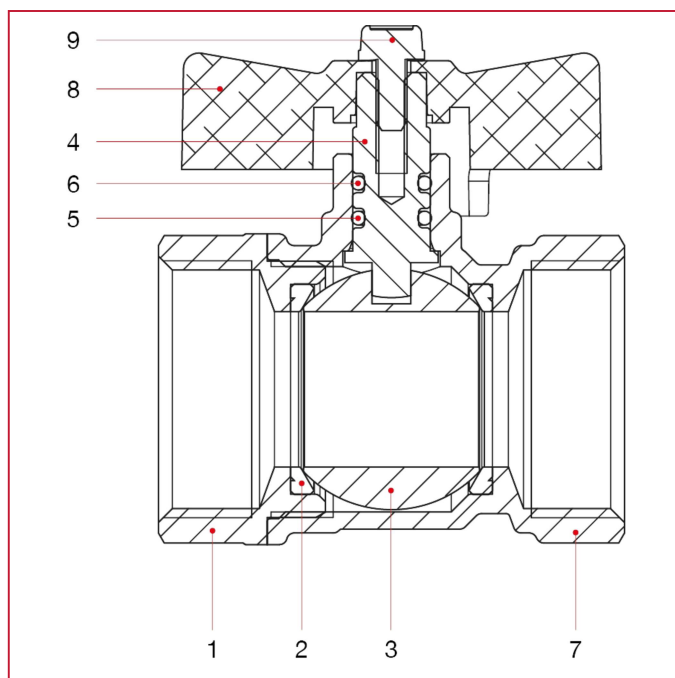




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|                        | 1/4" | 3/8" | 1/2" | 3/4" | 1"   |
|------------------------|------|------|------|------|------|
| DN                     | 8    | 10   | 15   | 20   | 25   |
| A                      | 44,4 | 44,4 | 48   | 53,5 | 60   |
| B                      | 23,5 | 24   | 27   | 34   | 40   |
| C                      | 37,3 | 37,3 | 39,3 | 43,8 | 46,8 |
| D                      | 47   | 47   | 47   | 54   | 54   |
| E                      | 10   | 10   | 12   | 15   | 20   |
| F                      | 10   | 10   | 11   | 12   | 13   |
| Kg/cm <sup>2</sup> bar | 50   | 50   | 50   | 40   | 40   |
| LBS - psi              | 725  | 725  | 725  | 580  | 580  |

### MATERIALS



| POS. | DESCRIPTION        | N. | MATERIAL                   |
|------|--------------------|----|----------------------------|
| 1    | Female end adapter | 1  | Nickel-plated brass CW617N |
| 2    | Seat               | 2  | P.T.F.E.                   |
| 3    | Ball               | 1  | Chrome-plated brass CW617N |
| 4    | Stem               | 1  | Brass CW614N               |
| 5    | O-ring             | 1  | NBR                        |
| 6    | O-ring             | 1  | Viton®                     |
| 7    | Body               | 1  | Nickel-plated brass CW617N |
| 8    | T handle           | 1  | Varnished aluminium        |
| 9    | Screw              | 1  | Zinc-plated steel C4C      |