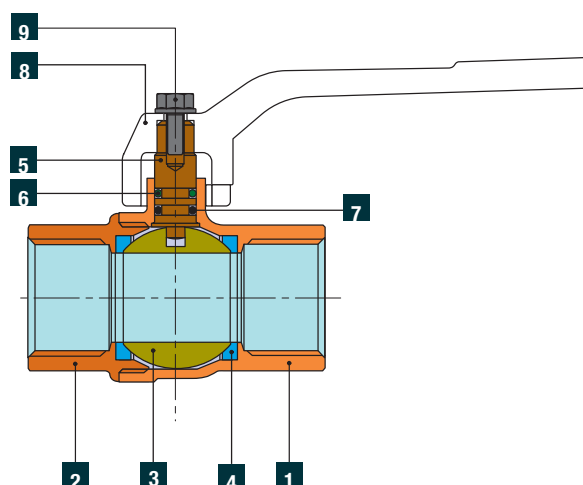




(Стандарти)

## Components

|   | Components                  | Pcs | Material                                             |
|---|-----------------------------|-----|------------------------------------------------------|
| 1 | Body                        | 1   | UNI EN 12165 CW617N - DW                             |
| 2 | End sleeve                  | 1   | UNI EN 12165 CW617N - DW                             |
| 3 | Ball                        | 1   | UNI EN 12165 CW617N - DW<br>UNI EN 12164 CW617N - DW |
| 4 | Ball seal seats             | 2   | P.T.F.E.                                             |
| 5 | Stem                        | 1   | UNI EN 12164 CW617N - DW                             |
| 6 | Stem upper seal O-Ring      | 1   | VITON 70 Sh A (ASTM D2240)                           |
| 7 | Stem lower seal O-Ring      | 1   | EPDM Peroxidic 70 Sh A (ASTM D2240)                  |
| 8 | Aluminum lever handle       | 1   | AL, painted                                          |
|   | Steel lever handle          | 1   | Steel ZN, plastic-covered                            |
|   | Alluminium butterfly handle | 1   | AL, painted                                          |
| 9 | Screw                       | 1   | Zinc-plated Steel                                    |
|   | Nut                         | 1   | Zinc-plated Steel                                    |
| * | Nut                         | 1   | UNI EN 12165 CW617N - DW<br>UNI EN 12164 CW617N - DW |
| * | Tang                        | 1   | UNI EN 12165 CW617N - DW<br>UNI EN 12164 CW617N - DW |
| * | O-ring tang seal            | 1   | EPDM Peroxidic 70 Sh A (ASTM D2240)                  |

(\*) With Pipe union

## A ACCESSORIES

See Spacing kit for lever handle

## EN GENERAL CHARACTERISTICS

Bore: Total  
Range: From 1/4" to 4"  
Female fitting from 3/8" to 2": Thread UNI EN 10226 (UNI EN ISO 7/1 Rp) (DIN 2999)  
Female fitting from 2"1/2 to 4": Thread UNI EN ISO 228/1 (DIN 259)  
Male fitting: Thread UNI EN 10226 (UNI EN ISO 7/1 R) (DIN 2999)  
Tang and Nut: Thread UNI EN ISO 228/1 (DIN 259)  
Functioning: 90° degrees rotation of operating device.  
Operating device: Aluminium or steel lever handles, aluminium Butterfly.

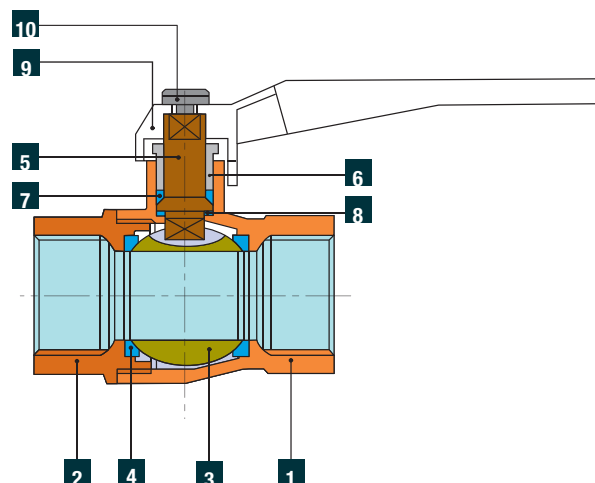
## OPERATING CONDITIONS

Flow direction: Both ways.  
Minimum and maximum operating temperature: -20 °C/+120 °C \*\*  
Maximum pressure (T=120 °C): 10 bar  
Nominal pressure (T=20 °C): See tables below  
\*\* In absence of steam; for temperatures below 0 °C use mixes of water and glycol.

Valves must be used in fully open or fully closed position.

These valves must be used with the pressure set forth in the catalogue and are suitable for domestic hot and cold water distribution systems (Ref. Directive 2014/68/EU, art. 13). From size 1 "1/4 they must not be used for fluids of group 1 (substances and mixes classified as dangerous).

For special uses (in compliance with the pressures set out for these valves and the compatibility of the different fluids with the materials making up the valve) see chemical compatibility chart in the technical annexes of the current catalogue. The CW617N-DW brass, the Teflon (P.T.F.E.), and the O-Rings in EPDM Peroxidic in contact with the fluid, are in compliance with the Italian Ministerial Decree n. 174 (dated 06/04/2004).



(Стандарт)

| Components                    | Pz. | Material                                 |
|-------------------------------|-----|------------------------------------------|
| <b>1</b> Body                 | 1   | CW617N-UNI-EN 12165                      |
| <b>2</b> End connection       | 1   | CW617N-UNI-EN 12165                      |
| <b>3</b> Ball                 | 1   | DELTA C EN1982 CB 745S                   |
| <b>4</b> Ball seals           | 2   | P.T.F.E. virgin                          |
| <b>5</b> Stem                 | 1   | CW617N-UNI-EN 12164                      |
| <b>6</b> Gland                | 1   | CW617N-UNI-EN 12164                      |
| <b>7</b> Stem seal ring       | 1   | P.T.F.E.                                 |
| <b>8</b> Anti-friction washer | 1   | P.T.F.E.                                 |
| <b>9</b> Lever                | 1   | Aluminum plastified with red epoxy resin |
| <b>10</b> Screw               | 1   | Zinc-plated Steel                        |

## EN GENERAL CHARACTERISTICS

Bore: Total

Range: From 2"1/2 to 3"

Female end from 2"1/2 to 3": Thread UNI EN ISO 228/1 (DIN 259)

Functioning: 90° degrees rotation of operating device.

Operating device: plasticified aluminium lever handle.

## OPERATING CONDITIONS

Flow direction: Both ways

Maximum operating temperature: 120 °C \*\*

Maximum pressure (T=120 °C): 10 bar

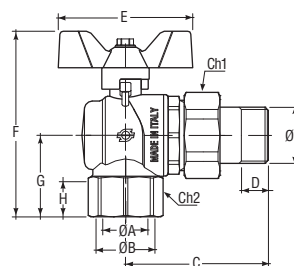
Nominal pressure (T=20 °C): 10 bar

\*\* In absence of steam.

Valves must be used in fully open or fully closed position.

These valves must be used with the pressure set forth in the catalogue and are suitable for domestic hot and cold water distribution systems (Ref. Directive 2014/68/EU, art. 13). They must not be used for fluids of group 1 (substances and mixes classified as dangerous).

For special uses (in compliance with the pressures set out for these valves and the compatibility of the different fluids with the materials making up the valve) see chemical compatibility chart in the technical annexes of the current catalogue. The CW617N, DELTA C EN1982 CB 745S brass and the Teflon (P.T.F.E.) in contact with the fluid, are in compliance with the Italian Ministerial Decree n. 174 (dated 06/04/2004).



| CODE               | Size        | A<br>mm | B<br>mm | C<br>mm | D<br>mm | E<br>mm | F<br>mm | G<br>mm | H<br>mm | I<br>mm | Ch1<br>mm | Ch2<br>mm | gr  | Pack<br>pcs/box | Master<br>pcs/box |
|--------------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|-----|-----------------|-------------------|
| <b>RED VERSION</b> |             |         |         |         |         |         |         |         |         |         |           |           |     |                 |                   |
| <b>6782R076</b>    | 1/2"x1 1/2" | 15      | 1 1/2"  | 56,5    | 10      | 60      | 77,3    | 32,5    | 17      | 1 1/2"  | 30        | 25        | 273 | 30              | 120               |
| <b>6782R080</b>    | 3/4"x3/4"   | 20      | 3/4"    | 63.5    | 12      | 60      | 86.6    | 38      | 18.3    | 3/4"    | 37        | 31        | 425 | 18              | 72                |
| <b>6782R084</b>    | 1"x1"       | 25      | 1"      | 73.5    | 14      | 65      | 99.5    | 45      | 22      | 1"      | 46        | 38        | 690 | 10              | 40                |