

## 2120R

FULL BORE BALL VALVES PN 30 WITH THREADED FEMALE AND TAIL MALE ENDS UNI ISO 228 WITH O-RING.

AVAILABLE WITH RED OR BLUE ALUMINIUM "T" HANDLE.



**PATENTED**

### DESCRIPTION

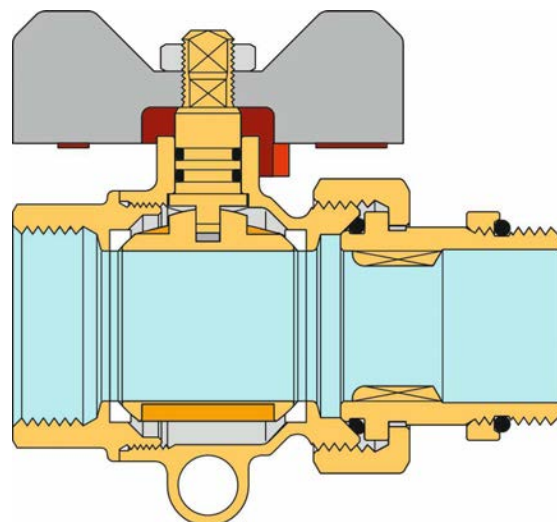
Suitable for domestic and commercial plumbing, industrial and agricultural applications, heating and sanitary systems, pneumatic systems, oils, generally with every non aggressive fluid.

### PRODUCTION RANGE

Art.	Code	Connection unions	Type
2120R	212 0043	1"	Red T handle
	212 0042	1"	Blue T handle

### MANUFACTURING SPECIFICATIONS

- Body and Sleeve: Brass CW617N nickel finish
- Ball: Brass CW617N chrome plated
- Stem: Brass CW617N
- Tail and nut: Brass CW617N nickel finish
- O-rings: Nitrile rubber NBR
- Side washers: PTFE
- Butterfly: Red/blue painted aluminum
- Nut: Galvanized steel
- Threads: ISO 228



## TECHNICAL SPECIFICATIONS

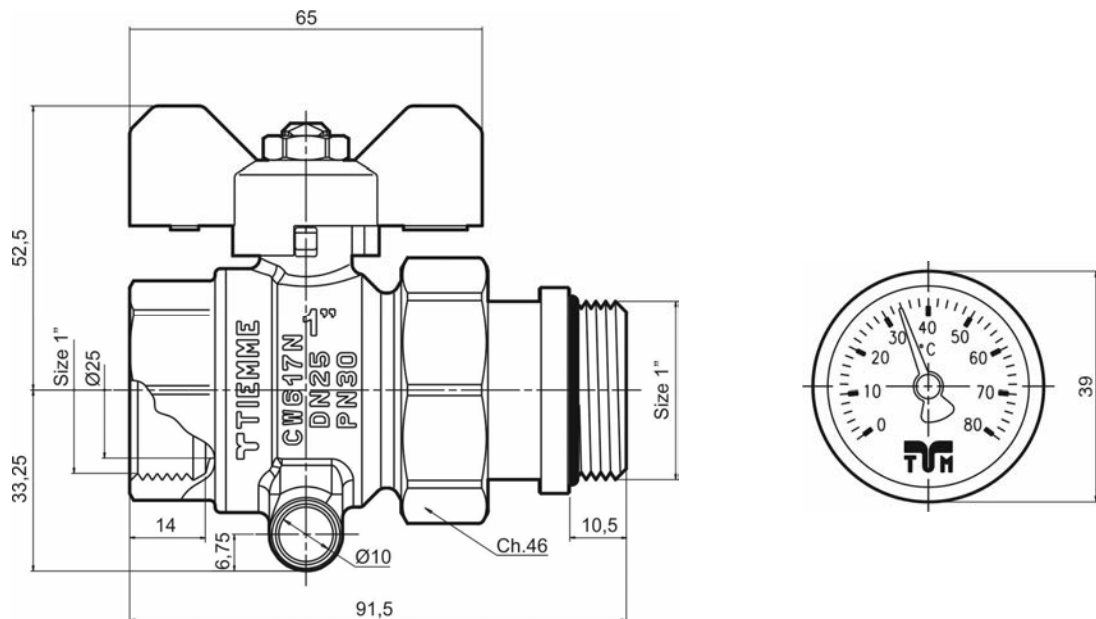
- Maximum working temperature: + 120 °C
- Min working temperature: - 20 °C (provided that the fluid remains in liquid phase)
- Maximum working pressure: PN 30 bar (20 bar with pneumatic systems)
- Compatible fluids: Water, water and glycol solutions (maximum glycol 30%), non-corrosive fluids \*

\* to check compatibility with fluids or other substances not listed, contact Tiemme technical office.

## DIMENSIONAL SPECIFICATIONS

### 2120R

Dimensions en mm.



## HYDRAULIC SPECIFICATIONS

Diagram 1: Flow/pressure drop.

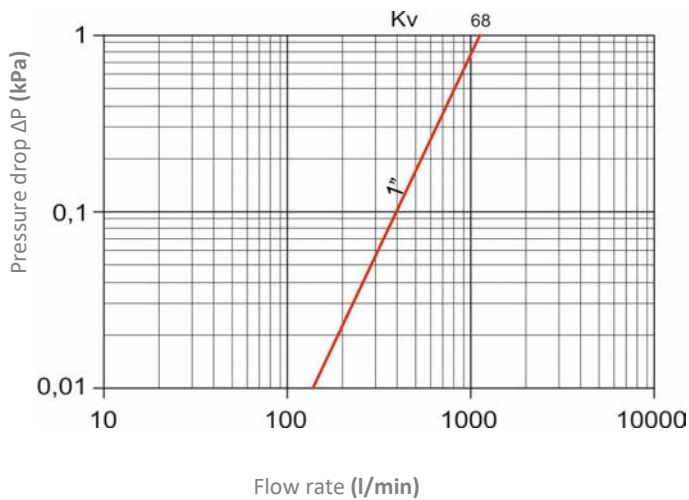
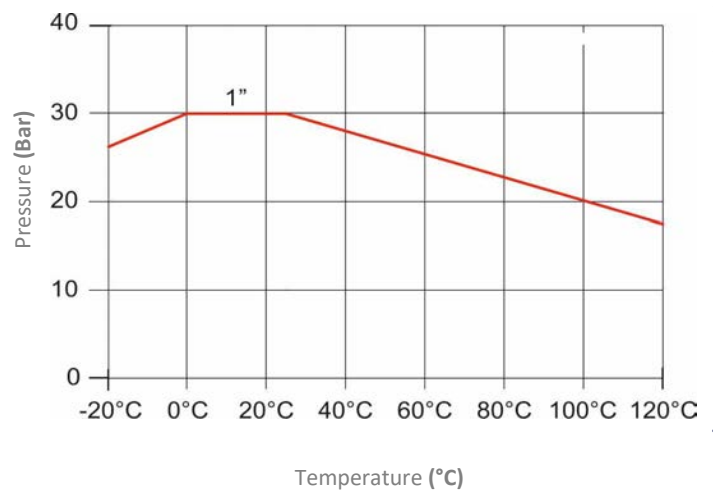


Diagram 2: Pressure/temperature.

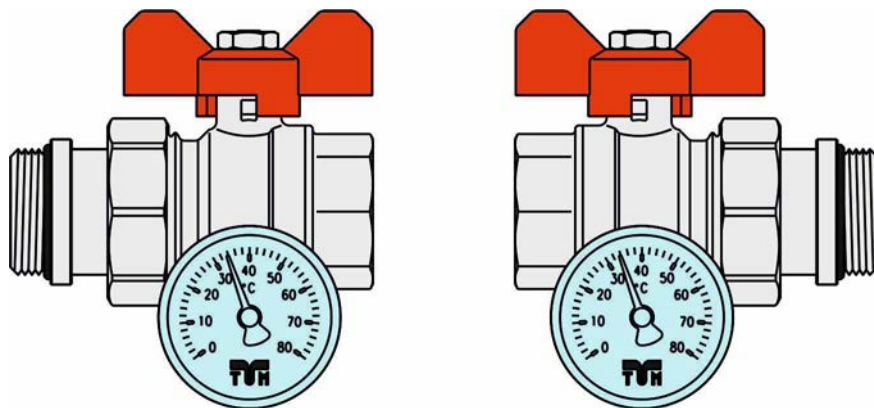


## INSTALLATION

- The valves can be installed in any position (orizantal, vertical, ...) provided that shall be placed in visible and accessible position and the open/close operations shall be easily and completely done.
  - Otherwise stated to close the valve the handle shall be turned clockwise, counterclockwise to open it.
  - Otherwise stated by specific marks on the valve body (arrows,...) there is no valve flow direction.
  - The system shall be designed and realised in order to avoid any stress that could damage the valve and could compromise the sealing and the correct working of the valve.
  - All installation operations shall be done using properly tooling. The tightenings shall be such as to guarantee the sealing but without make any damage to the valve or fittings.
  - Once the installation have been completed is necessary to verify the sealings according to technical specifications and/or what required by the country of installation.
  - The valve should not be kept in intermediate position for a long period of time in order to avoid any damages of the valve sealings.
  - If the valve have not been used for a long period of time it may be diffucult to operate therefore it will be necessary to use a "long lever".
  - To kept the valve and sealings in good conditions it is suggested to place a filter upstream in order to stop impurity.
- For any further information please contact the authorized dealers or directly TIEMME RACCORDERIE S.p.A.

*TIEMME RACCORDERIE S.p.A. declines all responsibility in case of failures and/or accidents resulting from the non-compliance with these indications and from improper use of the system. The information given does not exempt the user from following the regulations and good technical regulations in force.*

## Thermometer with reversible connection



## CERTIFICATIONS

