

## 2121CPT

### FULL BORE BALL VALVES PN30 FOR MANIFOLD WITH PLASTIC "T" HANDLE

#### THREAD ISO 228



#### DESCRIPTION

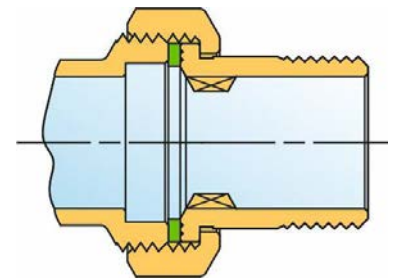
Suitable for domestic and commercial plumbing, industrial and agricultural applications, heating and sanitary systems, pneumatic systems, oils, generally with every non aggressive fluids.

#### PRODUCTION RANGE

Art.	Code	Connection unions	Type
2121CPT	212 0204	½"	Plastic "T" handle and FLAT WASHER
	212 0205	¾"	
	212 0206	1"	

#### MANUFACTURING SPECIFICATIONS

- Body and Sleeve: Brass CW617N nickel finish
- Ball: Brass CW617N chrome plated
- Stem: Brass CW617N
- Tail and nut: Brass CW617N nickel finish
- Side washers: PTFE
- O-rings: Nitrile rubber NBR
- Flat gasket: Fiber
- Handle: Nylon PA6 Fv30%
- 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: See dimensional table (PN)
- 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**

**2121CPT**  
Dimensions en mm

Size	1/2"	3/4"	1"
Ø (DN)	15	20	25
A	82	82	82
B	68,5	72	78,5
CH	30	37	46
E	13,5	14,5	14
Em	10	12	14
L	72,5	83,5	95,5
PN	30	30	30
PN *	20	20	20

\*pneumatic system

**HYDRAULIC SPECIFICATIONS**

Diagram 1: Flow/pressure drop.

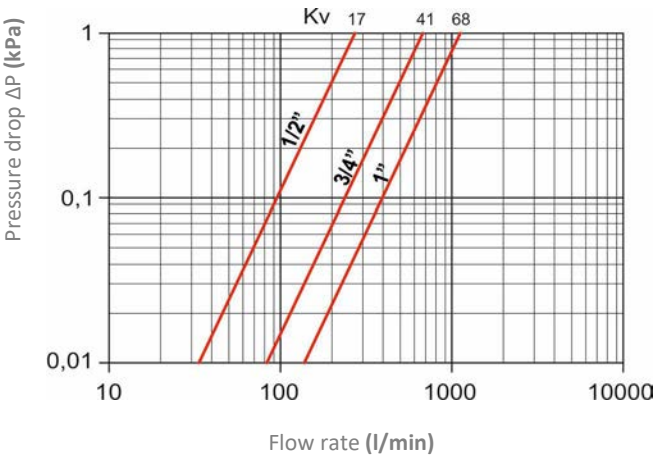
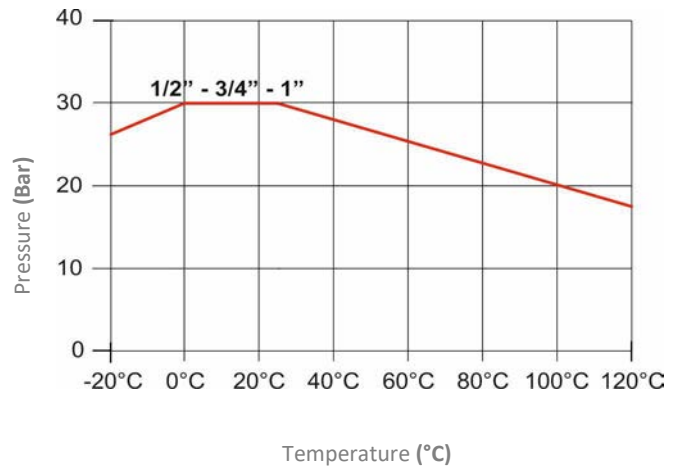


Diagram 2: Pressure/temperature.



## INSTALLATION

- The valves can be installed in any position (orizontal, 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 difficult 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.*

## CERTIFICATIONS

