2180 / 2180CP

FULL BORE ANGLE BALL VALVES PN 30 WITH THREADED FEMALE AND TAIL MALE ENDS UNI ISO 228.
AVAILABLE WITH RED OR BLUE ALUMINIUM "T" HANDLE.

2180   **2180CP**

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
2180	212 0008	½"	Red T handle
	212 0005	3/4"	
	212 0006	1"	
	212 0051	½"	Blue T handle
	212 0036	¾"	
	212 0037	1"	

Art.	Code	Connection unions	Type
2180CP	212 0035	½"	Red T handle
	212 0034	3/4"	
	212 0016	1"	
	212 0052	½"	Blue T handle
	212 0053	3/4"	
	212 0055	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: Fasit 202
- Butterfly: Red/blue painted aluminum
- Nut: Galvanized steel
- Threads: ISO 228
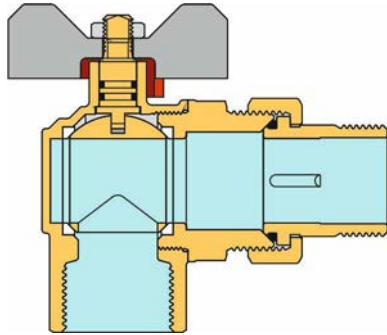
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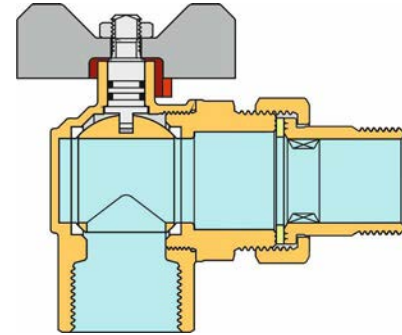
2180CP

TECHNICAL SPECIFICATIONS

- Maximum working temperature: + 110 °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

2180-2180CP

Dimensions en mm.

Art. 2180	2120008 2120051	2120005 2120036	2120006 2120037
Art. 2180CP	2120035 2120052	2120034 2120053	2120016 2120055
Size	½"	¾"	1"
Ø (DN)	15	20	25
A	50	65	65
B	40	48	52,5
CH	32,5	37	46
D	32,5	37	45
E	16,5	18	20,5
Em	10	12	14
L	73,5	83	102,5
PN	30	30	30
PN *	20	20	20
*pneumatic system			
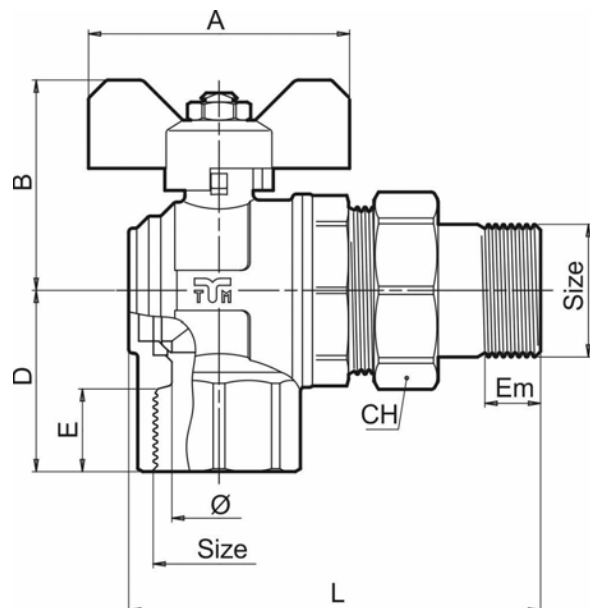
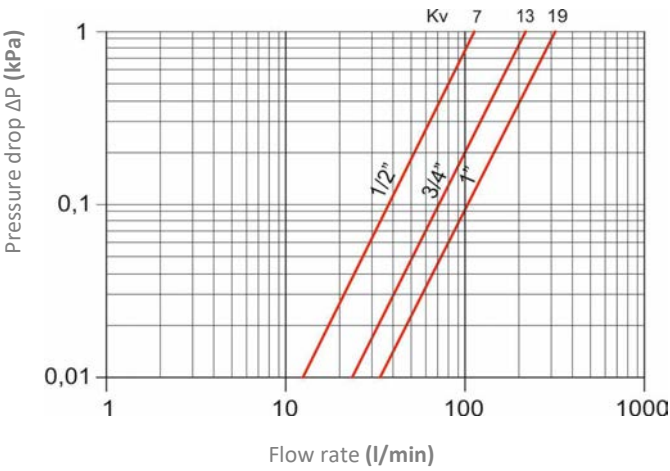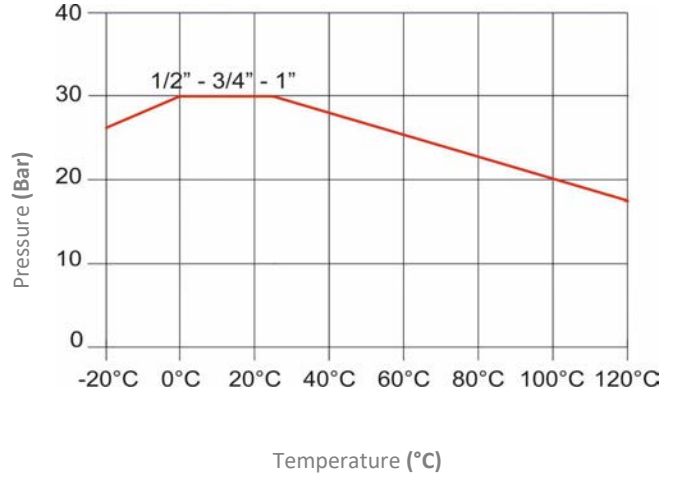## HYDRAULIC SPECIFICATIONS

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 garantee the sealing but without make any demage 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 demages 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

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