

2990G

BOILER drain ball valve with
hose connection



Metallic belt

Mini ball valves PN10 for water load/unload with threaded male end UNI ISO 7/1 and male UNI ISO 228 for hose-end connection. Available with black plastic handle.

FUNCTION

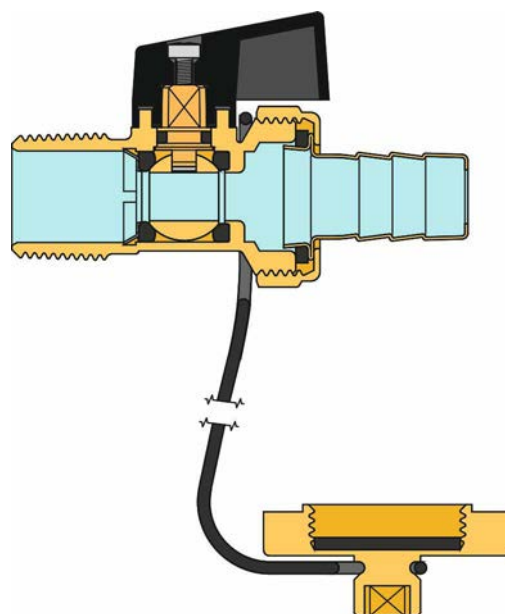
Suitable for domestic and commercial plumbing, industrial and agricultural applications, heating and sanitary systems pneumatic systems, oils, generally with every non aggressive

TECHNICAL SPECIFICATIONS

Maximum temperature: 110 °C
Minimum temperature: - 20°C (provided that the fluid remains in the liquid phase)
Maximum operating pressure: 10 bar
Threads: male UNI ISO 228 (3/8")
male UNI ISO 7 (1/2")
hose-end for flexible pipe

CONSTRUCTION SPECIFICATIONS

Body: CW617N - EN12165 brass
Ball: CW617N - EN12164 brass
Stem: CW617N - EN12164 brass
O-ring: Nitrile Rubber NBR
Side washers: P.T.F.E. / Nitrile Rubber NBR
Elastic ring: Inox AISI 304
Handle: PVC
Screw: Steel
Hose-end's ring nut: CW617N - EN12165 brass
Hose-end: CW617N - EN12165 brass
Boiler's ring nut: CW617N - EN12165 brass
Flat washer: Nitrile Rubber NBR
Chain: Brass/PVC

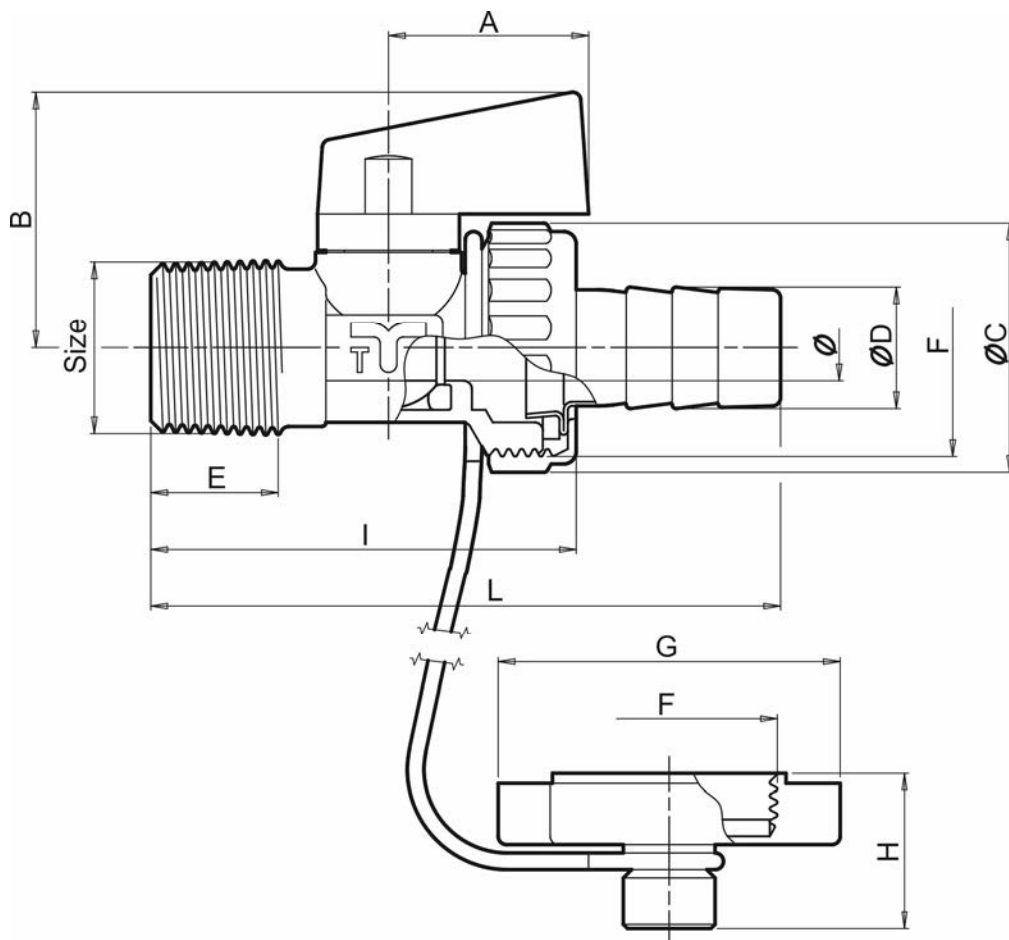


PRODUCTION RANGE

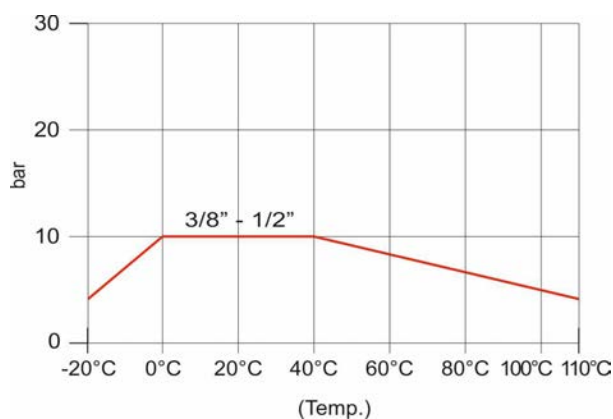
Art.	Code		Finishing
2990G	2950024	3/8" (metallic belt)	-
	2950001	1/2"	-
	2950040	1/2" (metallic belt)	-

DIMENSIONS

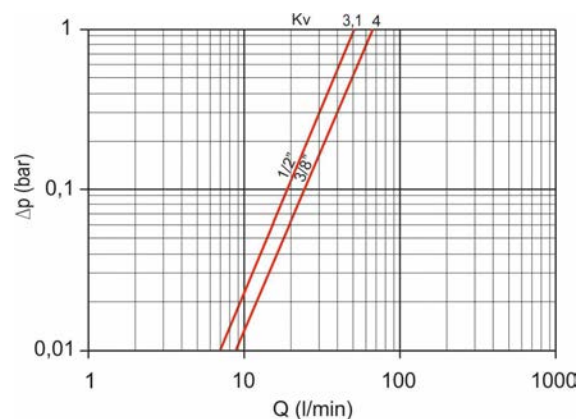
SIZE	Ø (DN)	A	B	ØC	ØD	E	F	G	H	I	L	PN
3/8"	10	22	29	30	14,5	12	G 3/4"	41	18,5	48,5	72	10
1/2"	8	24	30,5	30	14,5	15	G 3/4"	41	18,5	51	75,5	10



PRESSURE-TEMPERATURE DIAGRAM



FLOW-PRESSURE DROP DIAGRAM



INSTALLATION INSTRUCTIONS

The valves can be installed in any position (horizontal, 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.

Tiemme Raccorderie SpA decline any responsibility in case of damages and/or accidents when the installation is not done in conformity with technical and scientific rules in force and in conformity with manuals, catalogues and/or technical documentation written by Tiemme Raccorderie SpA.

For any further information please refer to your local dealer or directly to TIEMME S.p.A.

CERTIFICATIONS

