



TAJO SOLAR VALVE

Quarter-turn ball valves for plumbing installations where the connection is made by threaded ends.

- Continuous working at high temperatures (up to 200°C).
- European Brass, DW (4MS) quality for use in drinking water installations.
- 100% valves are tested for inner leakage.
- Without reducing flow.
- Strong construction and safe installations.
- Maximum thread length for demanding installations.
- Models with connections for soldering to copper pipes.



TECHNICAL SHEET TAJO SOLAR VALVE

PRODUCT DESCRIPTION

Quarter-turn ball valves with manual operation. They have connection to the pipe by means of a threaded ends.

PRODUCT SCOPE

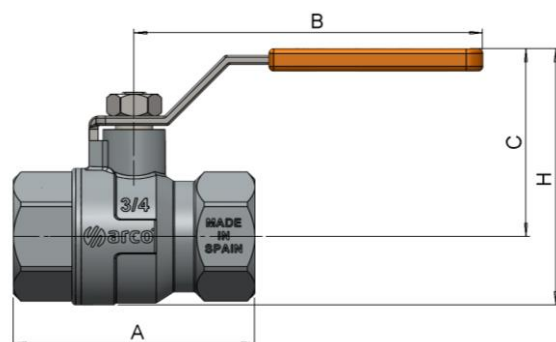
Specially designed for heating, DHW or mixed installations where continuous work at high temperatures (up to 200°C) is required.

And in general, all those applications that require a valve capable of shutting off the supply of a fluid, guaranteeing tightness in accordance with the specified service conditions.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

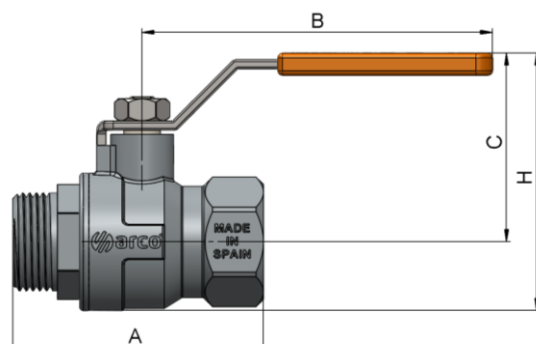
FEMALE – FEMALE LEVER ORANGE COVER

Code	Size	A (mm)	B (mm)	C (mm)	H (mm)	PN (BAR)	Temp. (°C)*
SL1111	3/8 F-F	46	70	36	47	10	-20 to 200
SL1112	1/2 F-F	60	95	47	61	10	-20 to 200
SL1113	3/4 F-F	66	95	51	69	10	-20 to 200
SL1114	1 F-F	80	113	62	84	10	-20 to 200
SL1115	1 1/4 F-F	89	113	67	95	10	-20 to 200
SL1116	1 1/2 F-F	108	153	74	108	10	-20 to 200
SL1117	2 F-F	126	153	82	124	10	-20 to 200



MALE – FEMALE LEVER ORANGE COVER

Code	Size	A (mm)	B (mm)	C (mm)	H (mm)	PN (BAR)	Temp. (°C)*
SL1130	3/8 M-F	52	70	36	48	10	-20 to 200
SL1132	1/2 M-F	61	95	47	61	10	-20 to 200
SL1133	3/4 M-F	68	95	51	69	10	-20 to 200
SL1134	1 M-F	82	113	62	84	10	-20 to 200



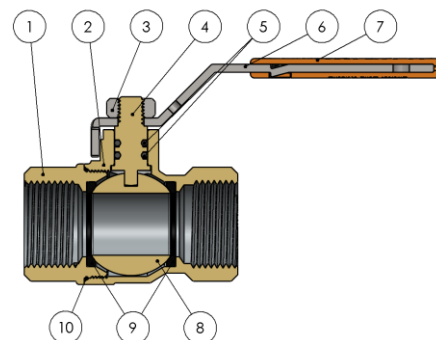
Threading according to ISO228

* Freezing is excluded.

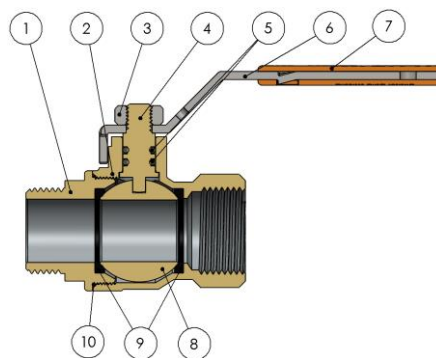


MATERIALS

Item	Component	Material	Finishing
1	Lateral	Brass CW617N	Chrome plated
2	Body	Brass CW617N	Chrome plated
3	Nut	Stainless steel	Stainless steel
4	Stem	Brass CW614N	Zinc plated
5	O-ring	FKM	-
6	Lever	Stainless steel	Stainless steel
7	Cover	LPDE	Orange
8	Ball	Brass CW617N	Chrome plated
9	Seat	PTFE with load	-
10	O-ring	NBR	-



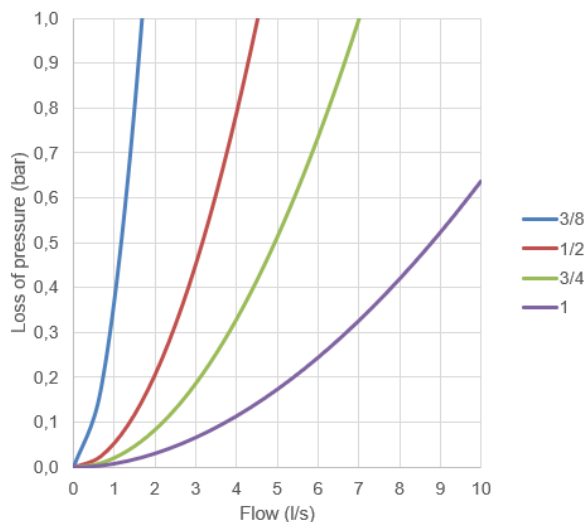
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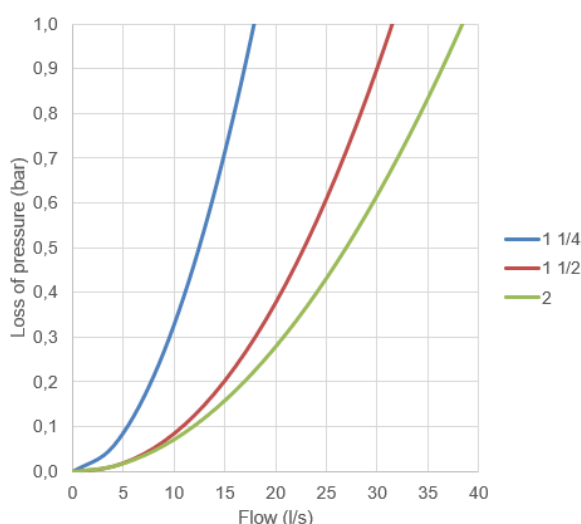


TECHNICAL DATA

Hydraulic features. Models de 3/8 a 1



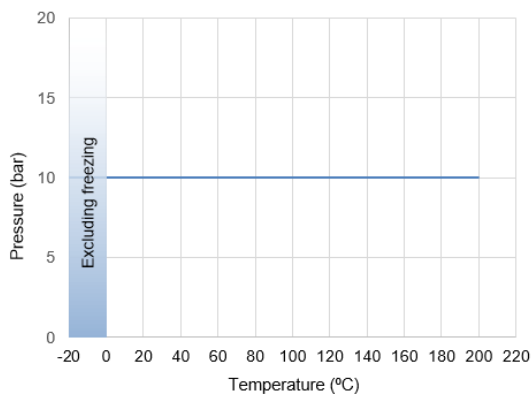
Hydraulic features. Models de 1 1/4 a 2



Size	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Kv	6,1	16,3	25,3	45,8	64,3	113,3	138,2

Kv (m³/h), cubic meters per hour that flow through the valve generating a loss of 1 bar pressure.

Pressure vs. temperature



Compatibility with fluids

Fluid	Compatibility
Drinking water and domestic hot water	Excellent
Water + 50% Glycol (maximum)	Good

For any other fluid, please contact Arco technical service.

INSTALLATION AND OPERATION INSTRUCTIONS

Before performing any action, the water supply to the installation should be shut off. Make sure there is no dirt or foreign objects in the connection to the network. Apply the appropriate sealing material to the inlet thread of the valve. The valve should be installed with a suitable tool, preferably with a wrench to hold the body. The tool should act on the flat surfaces of the valve body to avoid deforming this area due to excessive pressure from the tool. Restore the water supply and check the tightness of all connections before fixing the valve to service.

Do not alter the assembly of the valve components; replacement or disassembly of the handle may cause external leaks. Quarter-turn valves should always operate in a fully open position.



All products have an environmental impact during its life cycle, even once retired. All the components of this product can be recycled. Once the use is over, leave the valve in any recycling green point. Válvulas Arco reserves the right to change the product or any of its technical specifications without prior notice.

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