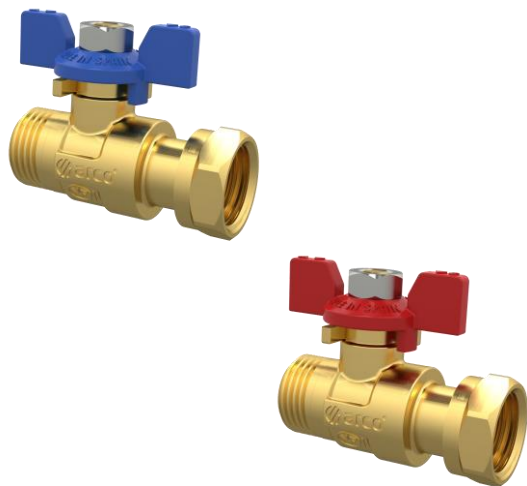




MINI MANIFOLD VALVE

Quarter-turn ball valves for surface mounting.

- European Brass, DW (4MS) quality for use in drinking water installations.
- Larger passage section, lower pressure loss and lower noise level.
- 100% valves are tested for inner leakage.
- Double o-ring.
- Strong one-piece body construction for secure installations.



TECHNICAL SHEET MINI MANIFOLD VALVE

PRODUCT DESCRIPTION

Quarter-turn straight ball valves for surface mounting with manual operation, where the connection is made by means of a threaded connection, compression or loose nut according to model.

PRODUCT SCOPE

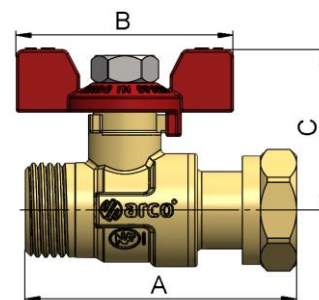
Designed for indoor plumbing installations, allowing individual shut-off of the water supply to sinks, washbasins, cisterns, washing machines, and other points of use.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

MALE -LOOSE NUT RED / BLUE METAL HANDLE

Code	Handle color	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
02290	Red	1/2 M-LN	60	48	36	16	0 to 95
02290AZ	Blue	1/2 M-LN	60	48	36	16	0 to 95

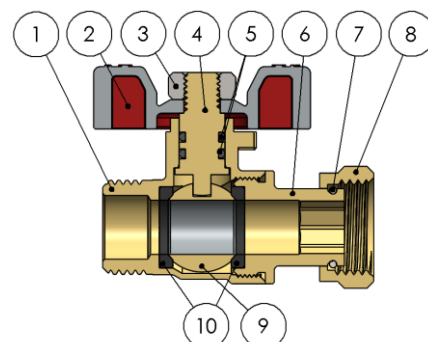
* Freezing is excluded.



MATERIALS

Item	Component	Material	Finishing
1	Body	Brass CW617N	Brass colour
2	Handle	ZAMAK	Red / Blue
3	Nut	Steel	Geomet® 500
4	Stem	Brass CW614N	Brass colour
5	O-rings	EPDM	-
6	Lateral	Brass CW614N	Brass colour
7	Washer	Stainless steel	Stainless steel
8	Nut	Brass CW614N	Brass colour
9	Ball	Brass CW614N	Chrome plated
10	Seats	NBR	-

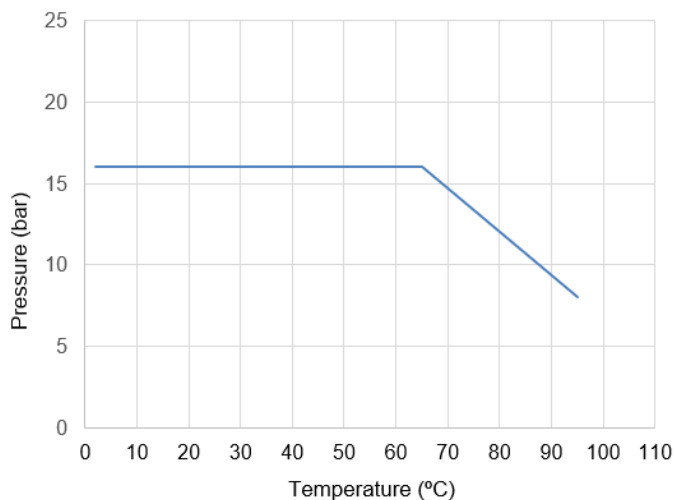
* Variable finish according to model.





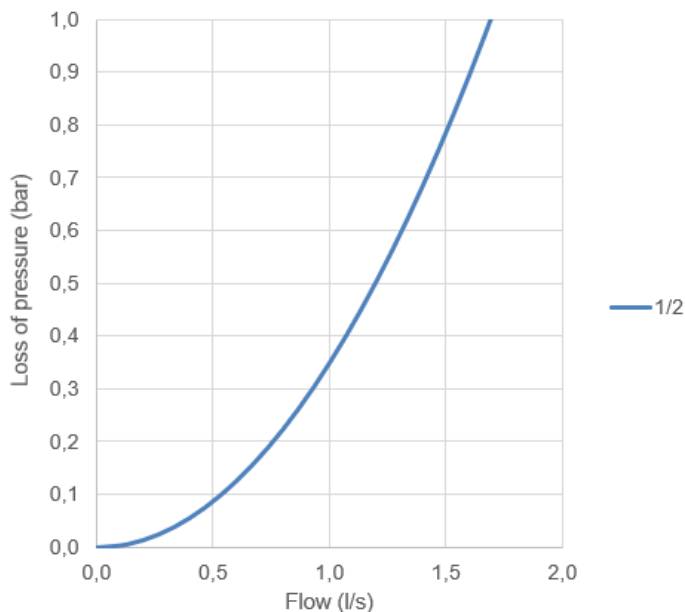
TECHNICAL DATA

Pressure vs. temperature



Temperature range excludes freezing.

Hydraulic features. Flow vs. loss of pressure.



Compatibility with fluids

Fluid	Compatibility
Drinking water and domestic hot water	Excellent

For any other fluid, please contact Arco technical service.

Size	1/2
Kv	6,09

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

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. Make a clean and straight cut in the pipe to be used, then calibrate and chamfer the inside of the pipe with the suitable tool, check the uniformity of the chamfer and the absence of burrs. Insert the nut and sleeve into the pipe and then the pipe into the compression nozzle of the valve. Tighten the compression nut and finally open the clamp manually and remove the pressed assembly. 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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