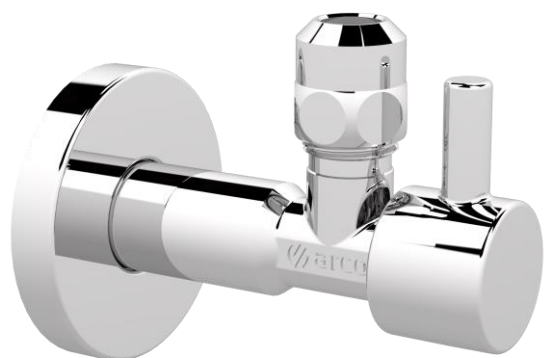




A-80 TECH VALVE

Quarter-turn angle ball valves for surface mounting where the connection is made by a threaded ends.

- European Brass, DW (4MS) quality for use in drinking water installations.
- Unique design, maximum performance.
- The knurled inlet thread make it easy to apply the sealant.
- 100% valves are tested for inner leakage.
- Strong one-piece body construction for secure installations.
- Double o-ring.



TECHNICAL SHEET A-80 TECH VALVE

PRODUCT DESCRIPTION

Quarter-turn angle ball valves for surface mounting with manual operation where the connection is made by threaded ends.

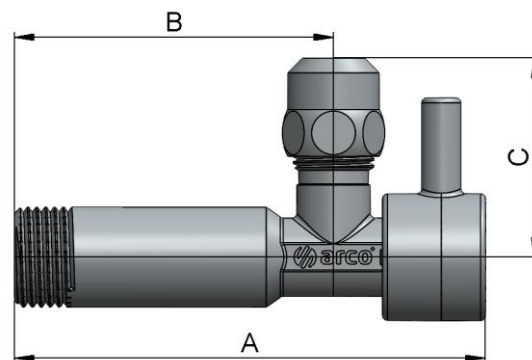
PRODUCT SCOPE

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

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

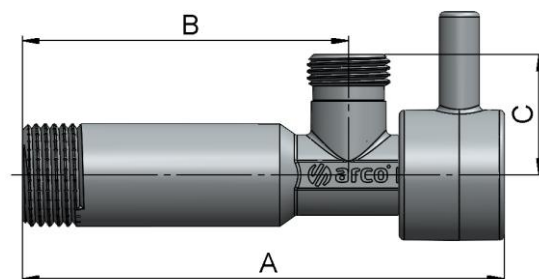
METAL HANDLE WITH NUT

Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (°C)
1 TECH	1/2X3/8X10	96	65	41	16	0 to 95



METAL HANDLE WITHOUT NUT

Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (°C)
2 TECH	1/2X3/8	96	65	24	16	0 to 95
5 TECH	1/2X1/2	96	65	26	16	0 to 95

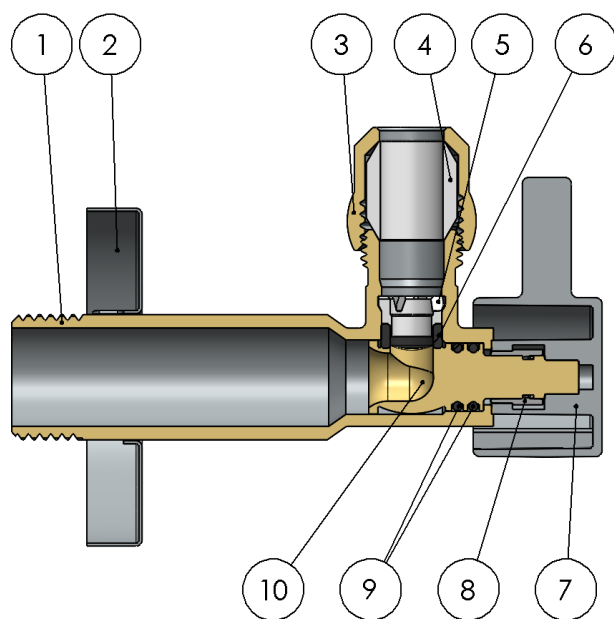




MATERIALS

Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3	Nut*	Brass CW614N	Chrome plated
4	Sleeve*	PA	-
5	Supporting clip	POM	-
6	Seat	NBR	-
7	Handle	ZAMAK	Chrome plated
8	Prensa	ABS	-
9	O-rings	NBR	-
10	Stem-ball	Brass CW614N	Brass color

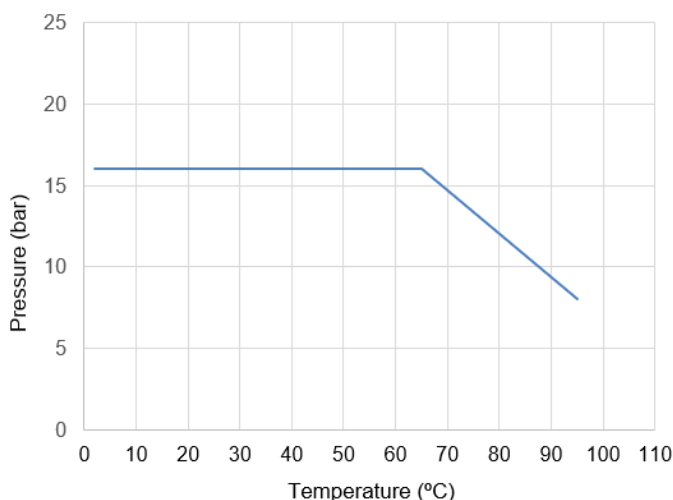
* Variable components according to model.





TECHNICAL DATA

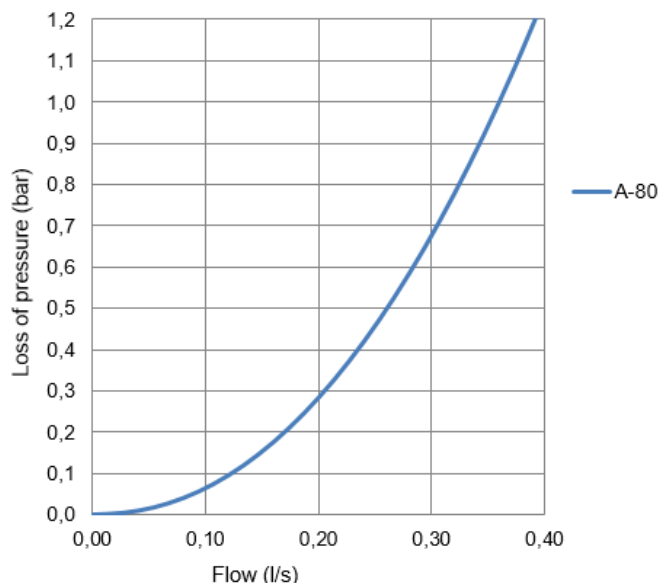
Pressure vs. temperature



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	A-80
Kv	1,30

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. 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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