



MINI NPT VALVE

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

- VITAQ system, more life, less lime at higher temperatures.
- Without reducing flow, it prolongs comfort at service points.
- European Brass, DW (4MS) quality for use in drinking water installations.
- 100% valves are tested for inner leakage.
- Strong one-piece body construction for secure installations.
- Double o-ring.



TECHNICAL SHEET MINI NPT VALVE

PRODUCT DESCRIPTION

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

VITAQ system increase the valve life span and flow comfort in hard water areas.

PRODUCT SCOPE

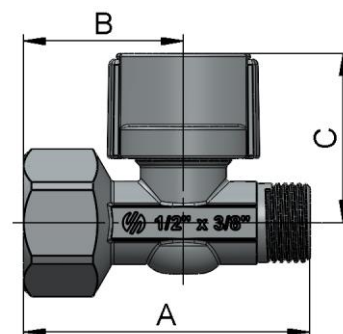
Designed for indoor plumbing installations, allowing individual shut-off of the water supply to sinks, washbasins, cisterns, washing machines, and other points of use.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

Code	Size	A (mm)	B (mm)	C (mm)	PN	Temp. (C°)
207110	1/2" FIP X 3/8" OD*	52	29	31	230 psi 16bar	32 to 200°F 0 to 95°C

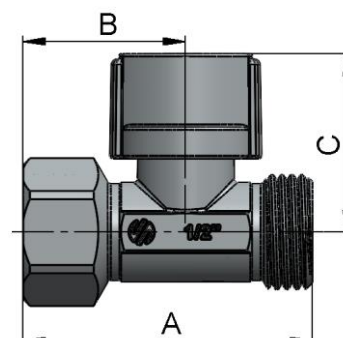
* Freezing is excluded.

** Nut and sleeve are not included.



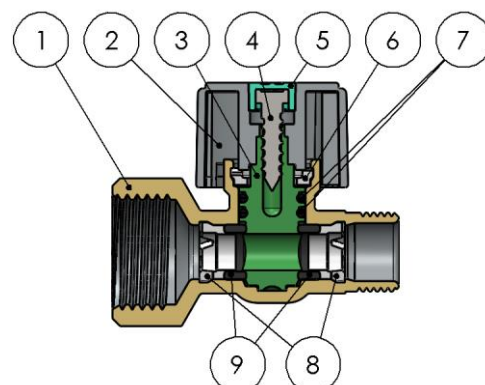
Code	Size	A (mm)	B (mm)	C (mm)	PN	Temp. (C°)
207150	1/2" FIP X 1/2" NPSM	53	30	32	230 psi 16bar	32 to 200°F 0 to 95°C

* Freezing is excluded.

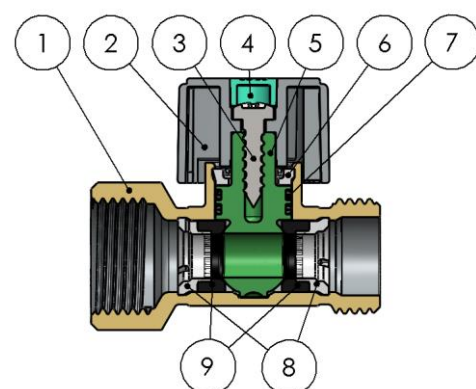




Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Handle	ABS	Chrome plated
3	Stem-ball	Anti-lime polymer	VITAQ
4	Screw	Stainless steel	Stainless steel
5	Index	ABS	VITAQ
6	Supporting clip	POM	-
7	O-rings	NBR	-
8	Supporting clips	POM	-
9	Seats	NBR	-



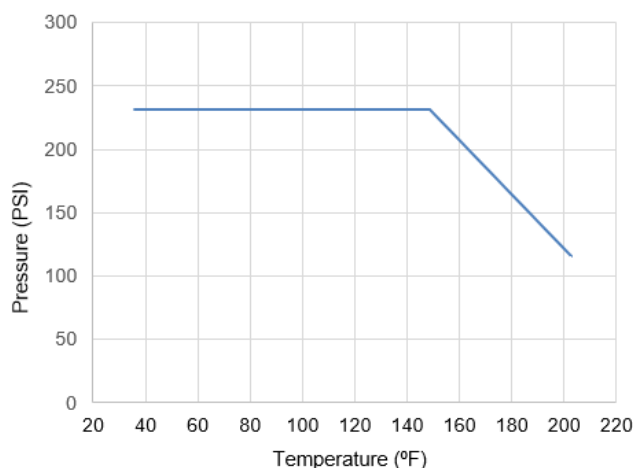
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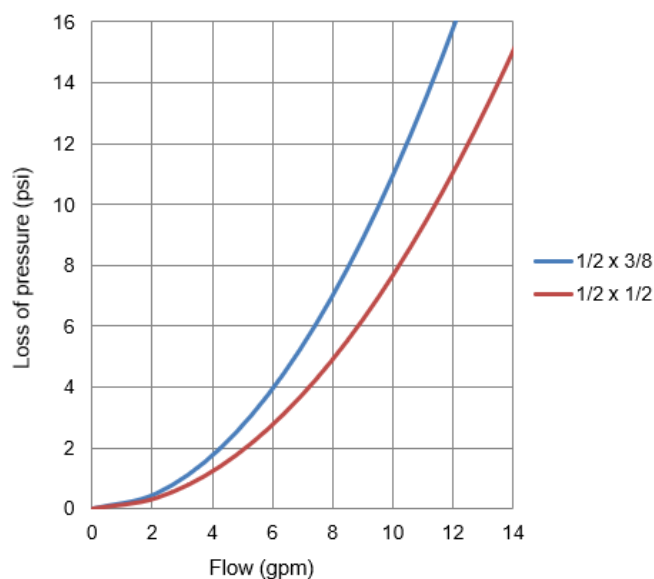
TECHNICAL DATA

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	3/8	1/2
Cv	3,02	3,61

Cv (gpm), gallons per minute 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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