



EMBEDDED TEXAS BALL VALVE

Quarter-turn ball valves for embedded installations where the connection to the pipe is made by threading or welding.

- European Brass, DW (4MS) quality for use in drinking water installations.
- Wide range of handles available, both in design and finishes.
- Valve-handle assembly regulation system for perfect fixing and adaptation to the wall.
- 100% valves are tested for inner leakage.
- Without reducing flow.
- Strong construction for safe installations.
- Nickel-free in the passage of water.



TECHNICAL SHEET EMBEDDED TEXAS

PRODUCT DESCRIPTION

Ball valves with manual operation for embedded installations in the wall. The connection to the pipe is made by threaded ends or by welding for copper pipes.

Wide range of handles, both in design and finishes, adapting to the set of elements of the premises or room.

PRODUCT SCOPE

Design for drinking water and hot domestic water plumbing installations recessed in the wall.

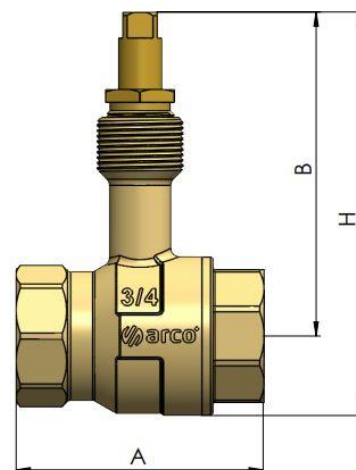
And in general, all those applications that require a valve capable of shutting off the supply of a fluid, guaranteeing tightness in accordance with the specified service conditions.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

FEMALE - FEMALE

Code	Size	A (mm)	B (mm)	H (mm)	PN (BAR)	Temp. (°C)*
36105	1/2 F-F	48	72	86	30	0 to 120
36110	3/4 F-F	58	76	94	30	0 to 120
36115	1 F-F	67	78	101	30	0 to 120

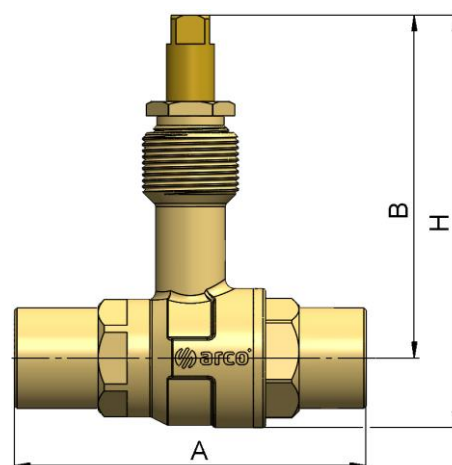
* Freezing is excluded.



WELDING

Code	Size	A (mm)	B (mm)	H (mm)	PN (BAR)	Temp. (°C)*
36215	15	73	72	86	30	0 to 120
36225	18	73	72	86	30	0 to 120
36230	22	85	76	94	30	0 to 120

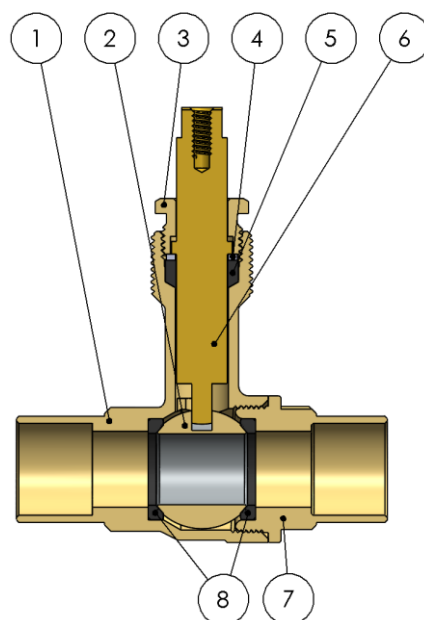
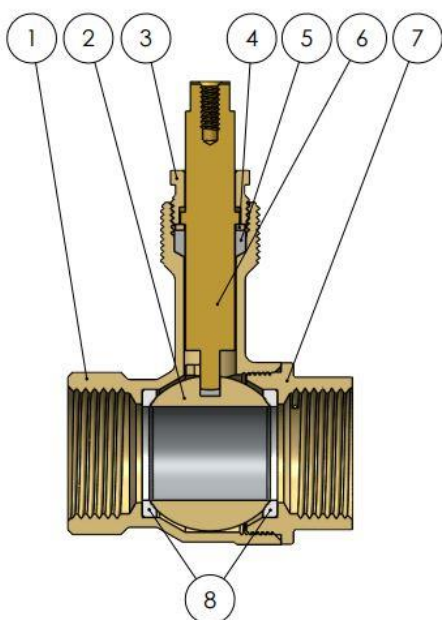
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MATERIALS

Item	Component	Material	Finishing
1	Body	Brass CW617N	Brass colour
2	Ball	Brass CW614N	Chrome plated
3	Gland nut	Brass CW614N	Brass colour
4	Washer	Brass CW614N	Brass colour
5	Gland	PTFE	-
6	Stem	Brass CW614N	Brass colour
7	Lateral	Brass CW617N	Brass colour
8	Seat	PTFE	-



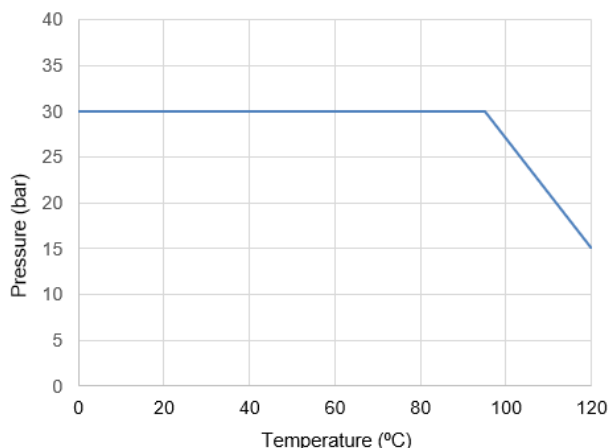
AVAILABLE HANDLES





TECHNICAL DATA

Pressure vs. temperature.



Excluding freezing.

Compatibility with fluids

Fluid	Compatibility
Drinking water and domestic hot water	Excellent

For any other fluid, please contact Arco technical service.

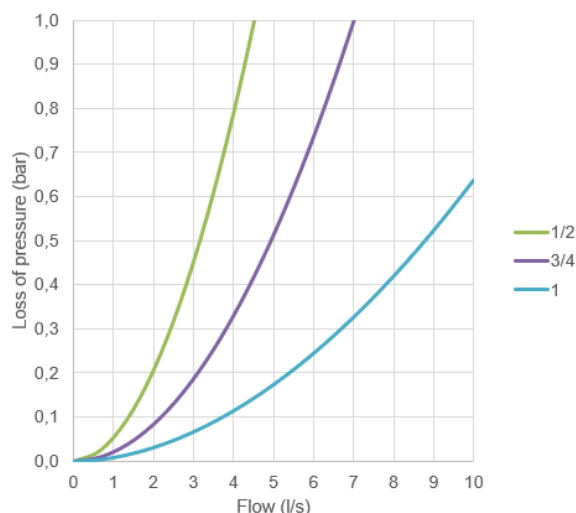
Size	1/2H	3/4H	1H
Kv Threading	16,3	25,3	45,8

Size	15	18	22
Kv Soldering	16,6	20,8	29,4

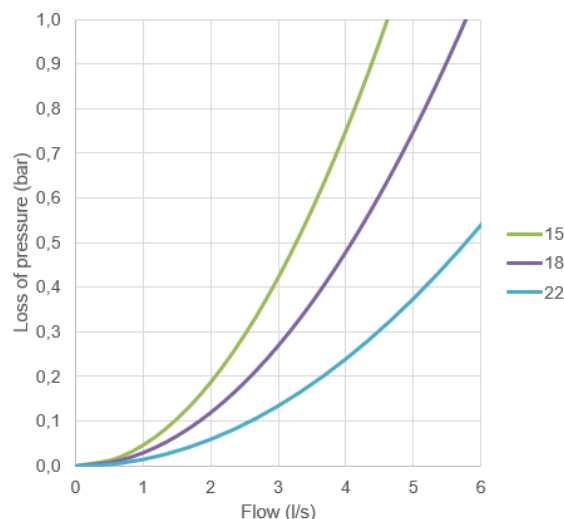
Kv (m³/h), cubic meters per hour that flow through the valve generating a loss of pressure of 1 bar.

Hydraulic features. Flow vs. loss of pressure.

Threading



Welding



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. On valves with a female connection, 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. On valves with a solder connections, apply the usual process for soft soldering. 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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