



MINI PEX & MULTILAYER VALVE

Quarter-turn ball valves for surface mounting with PEX and multilayer pipes.

- 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.
- Metal handle.



TECHNICAL SHEET MINI PEX & MULTILAYER VALVE

PRODUCT DESCRIPTION

Quarter-turn straight ball valves for surface mounting with manual operation, where the connection is made by compression for PEX or multilayer 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

COMPRESSION - COMPRESSION BLUE METAL HANDLE

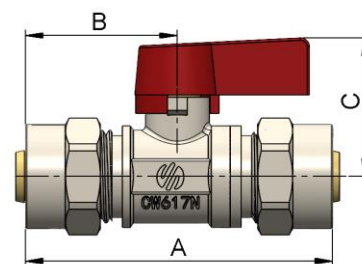
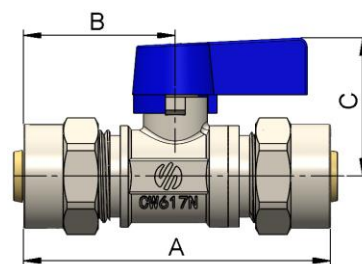
Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
868030	16X16	70	35	31	16	0 to 95

* Freezing is excluded.

COMPRESSION - COMPRESSION RED METAL HANDLE

Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
868035	16X16	70	35	31	16	0 to 95

* Freezing is excluded.

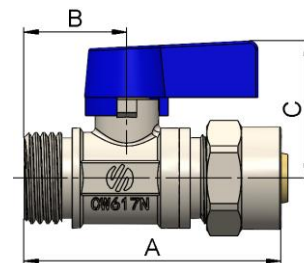




MALE - COMPRESSION BLUE METAL HANDLE

Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
868010	1/2M X 16	59	24	31	16	0 to 95

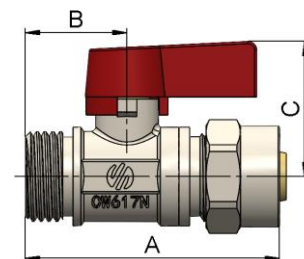
* Freezing is excluded.



MALE - COMPRESSION RED METAL HANDLE

Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
868015	1/2M X 16	59	24	31	16	0 to 95

* Freezing is excluded.

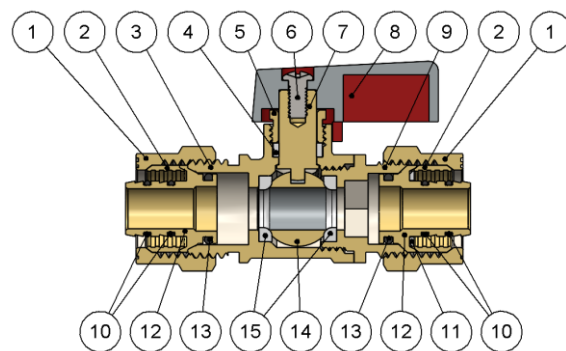


MATERIALS

MODELS 868030, 868035.

Item	Component	Material	Finishing
1	Nut	Brass CW617N	Nickel plated
2	Sleeve	Brass CW617N	Brass colour
3	Body	Brass CW617N	Nickel plated
4	Gland	PTFE	-
5	Gland nut	Brass CW617N	Brass colour
6	Screw	Stainless steel	Stainless steel
7	Stem	Brass CW617N	Brass colour
8	Handle	ZAMAK	Blue or Red*
9	Lateral	Brass CW617N	Nickel plated
10	O-rings	NBR	-
11	Washer	PTFE	-
12	Nozzle	Brass CW617N	Brass colour
13	O-ring	NBR	-
14	Ball	Brass CW617N	Chrome plated
15	Seats	PTFE	-

* Variable finish according to model.

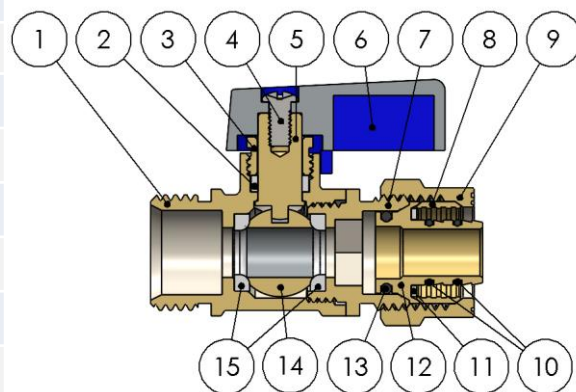




MATERIALS

MODELS 868010, 868015.

Item	Component	Material	Finishing
1	Body	Brass CW617N	Nickel plated
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6	Handle	ZAMAK	Blue or Red*
7	Lateral	Brass CW617N	Nickel plated
8	Sleeve	Brass CW617N	Brass colour
9	Nut	Brass CW617N	Nickel plated
10	O-rings	NBR	-
11	Washer	PTFE	-
12	Nozzle	Brass CW617N	Brass colour
13	O-ring	NBR	-
14	Ball	Brass CW617N	Chrome plated
15	Seats	PTFE	-

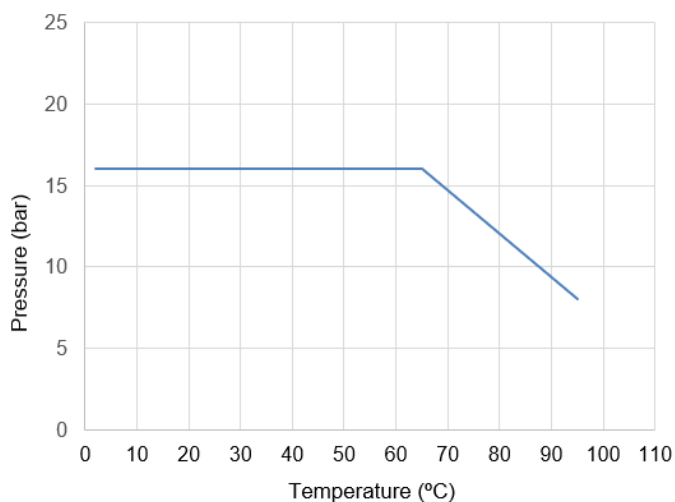


* Variable finish according to model.



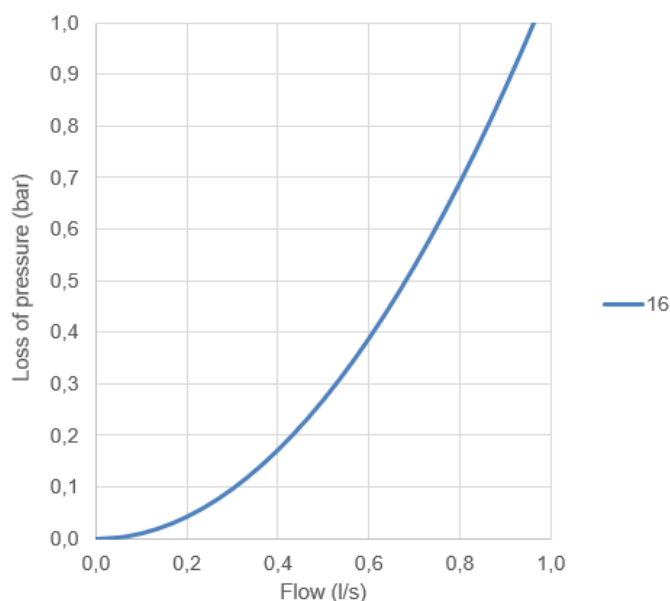
TECHNICAL DATA

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	16
Kv	3,46

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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