



## 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

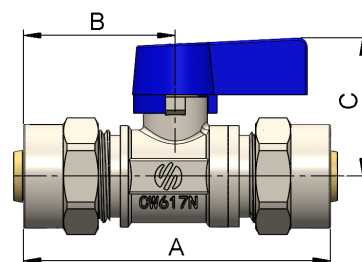
Designed for indoor plumbing installations, allowing individual shut-off of the water supply to sinks, washbasins, cisterns, washing machines, and other points of use.

## 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     |

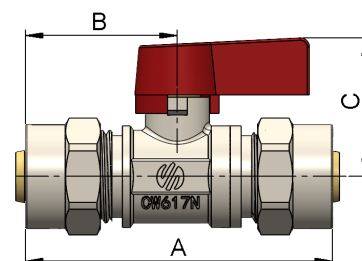
\* Freezing is excluded.



### 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.

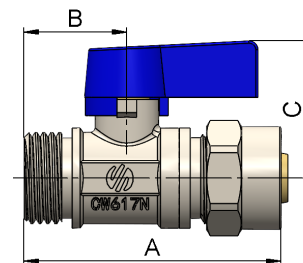




## MALE - COMPRESSION BLUE METAL HANDLE

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

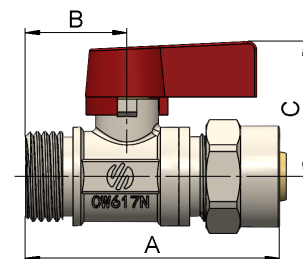
\* Freezing is excluded.



## 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.

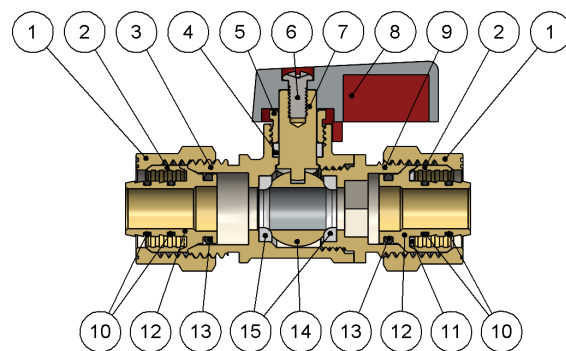


## MATERIALS

### 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.

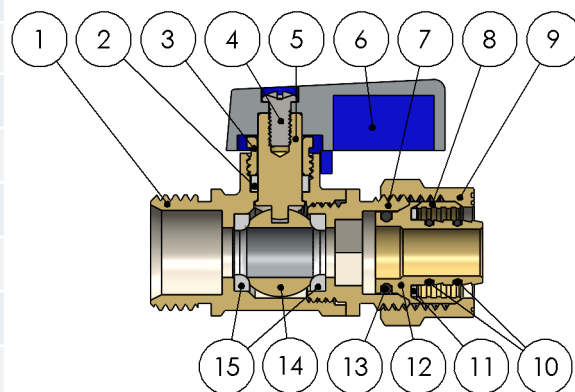




## MATERIALS

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| Item | Component | Material        | Finishing       |
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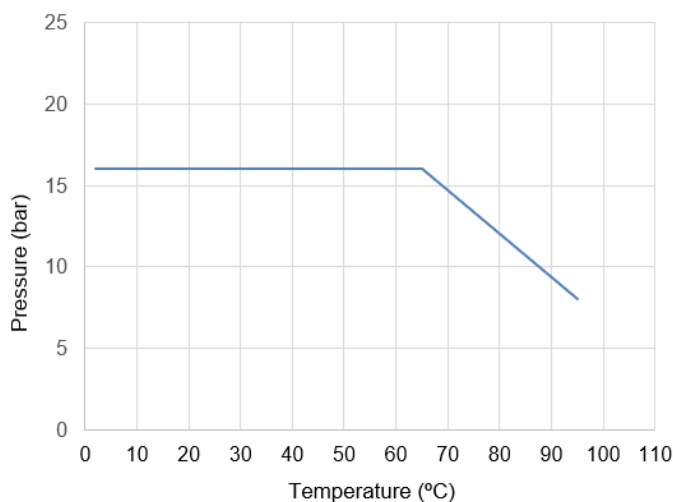


\* Variable finish according to model.



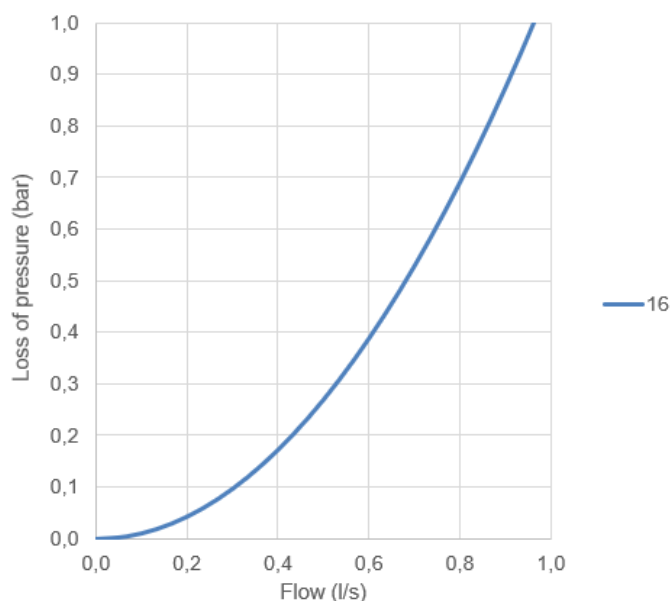
## TECHNICAL DATA

### 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 | ø16  |
|------|------|
| Kv   | 3,46 |

Kv (m<sup>3</sup>/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 with an appropriate 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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