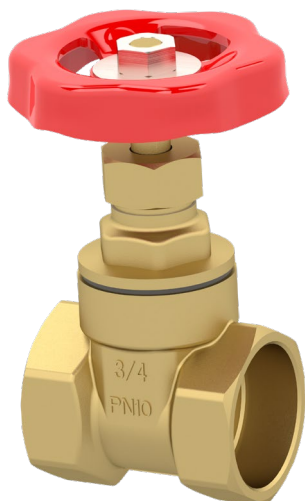




## GATE VALVE WITH ELASTIC CLOSURE

Gate valves with elastic closure for water flow regulation and use by turning the handwheel.

- Wide range of regulation.
- More flow with a larger passage section.
- Low noise level.



## TECHNICAL SHEET GATE VALVE WITH ELASTIC CLOSURE

### PRODUCT DESCRIPTION

The gate valve with elastic closure allows to regulate the opening and closing of water networks by turning the handwheel connected to the spindle.

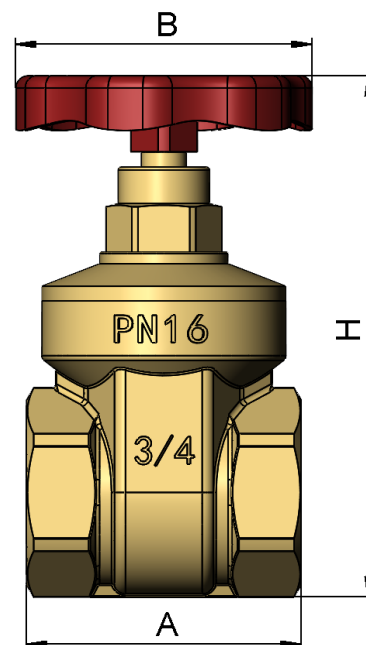
### PRODUCT SCOPE

- Plumbing installations of cold water and sanitary hot water.

### GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

| Code   | Size      | A (mm) | B (mm) | H (mm) | PN (BAR) | Temp. (°C)* |
|--------|-----------|--------|--------|--------|----------|-------------|
| 190603 | 1/2 F-F   | 37     | 50     | 73     | 16       | 0 to 85     |
| 190604 | 3/4 F-F   | 41     | 50     | 83     | 16       | 0 to 85     |
| 190605 | 1 F-F     | 44     | 50     | 95     | 16       | 0 to 85     |
| 190606 | 1 1/4 F-F | 50     | 60     | 115    | 16       | 0 to 85     |
| 190607 | 1 1/2 F-F | 53     | 60     | 124    | 16       | 0 to 85     |
| 190608 | 2 F-F     | 58     | 70     | 156    | 16       | 0 to 85     |
| 190609 | 2 1/2 F-F | 64     | 90     | 204    | 16       | 0 to 85     |
| 190610 | 3 F-F     | 75     | 100    | 237    | 16       | 0 to 85     |
| 190611 | 4 F-F     | 85     | 120    | 295    | 16       | 0 to 85     |

\* Freezing is excluded.



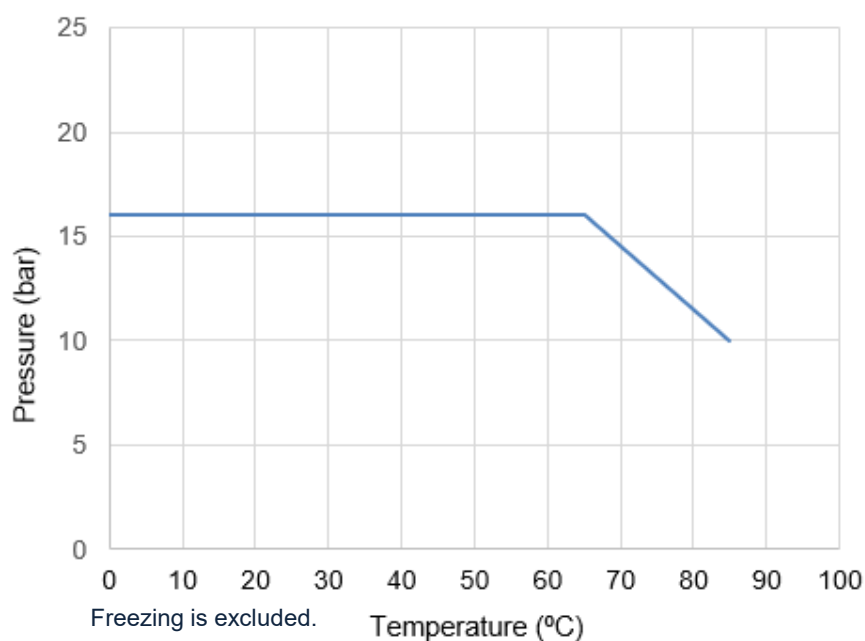
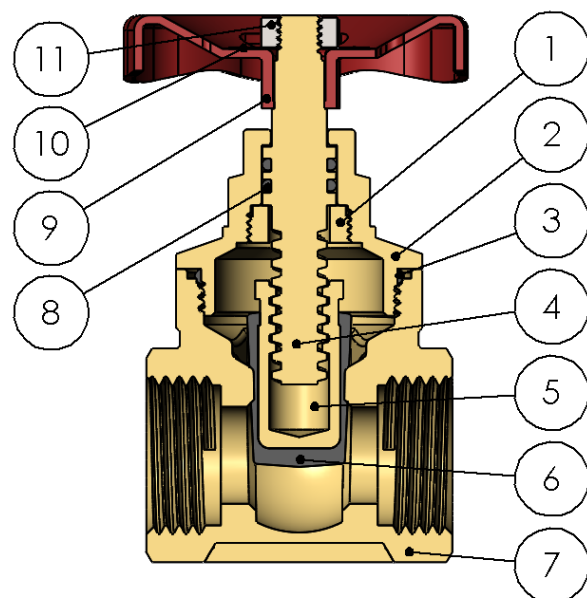


## MATERIALS

| Item | Component    | Material  | Finishing   |
|------|--------------|-----------|-------------|
| 1    | Socket       | Brass     | Brass color |
| 2    | Top cap      | Brass     | Brass color |
| 3    | O-ring       | NBR       | -           |
| 4    | Stem         | Brass     | Brass color |
| 5    | Gate         | Brass     | Brass color |
| 6    | Gate coating | NBR       | -           |
| 7    | Body         | Brass     | Brass color |
| 8    | O-ring       | NBR       | -           |
| 9    | Handle       | Steel     | Red         |
| 10   | Washer       | Aluminium | -           |
| 11   | Nut          | Steel     | -           |

## TECHNICAL DATA

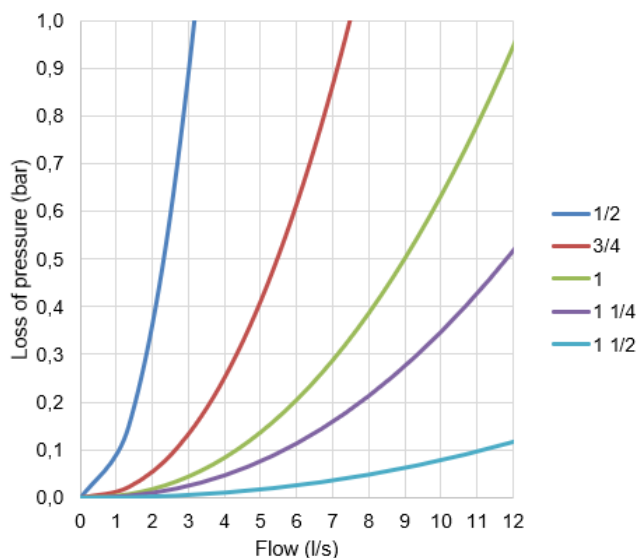
### Pressure vs. temperature.



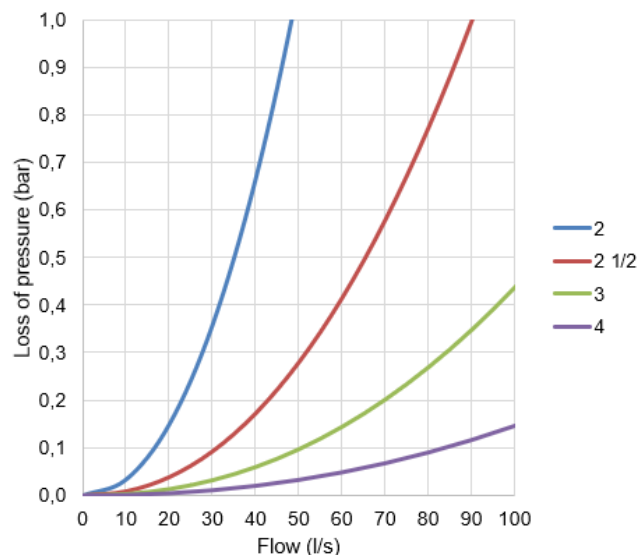


## Hydraulic features. Flow vs. loss of pressure.

Models from 1/2 to 1 1/2



Models from 2 to 4



| Size | 1/2  | 3/4  | 1  | 1 1/4 | 1 1/2 | 2   | 2 1/2 | 3   | 4   |
|------|------|------|----|-------|-------|-----|-------|-----|-----|
| Kv   | 11,3 | 26,9 | 44 | 58    | 116   | 174 | 324   | 527 | 877 |

Kv (m<sup>3</sup>/h), cubic meters per hour that flow through the valve generating a loss of pressure of 1 bar.

## Compatibility with fluids

| Fluid              | Compatibility |
|--------------------|---------------|
| Water              | Good          |
| Water + 50% Glycol | Good          |

For any other fluid, please contact Arco technical service.

## 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.

It do not require specific maintenance.

The valve should be installed with a suitable tool and preferably use the planes located in the inlet part, in case of using the planes located in the central section never apply excessive forces as it could cause damage to the valve.

Do not alter the assembly of the valve components; replacement or disassembly of the handle may cause external leaks.



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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