



## VÁLVULA A-80 VITAQ VALVE TIGHT SPACES

Quarter-turn angle ball valves for surface mounting with tight space where the connection is made by a 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 A-80 VITAQ VALVE TIGHT SPACES

### PRODUCT DESCRIPTION

Quarter-turn angle ball valves for surface mounting with manual operation and tight space. 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, and other points of use.

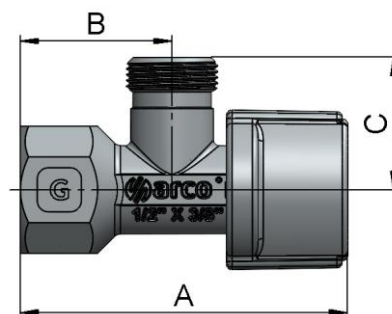
Compact size makes it easy to install in tight spaces.

## GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

### FEMALE INLET CONNECTION

| Code    | Size          | A (mm) | B (mm) | C (mm) | PN (bar) | Temp. (°C) |
|---------|---------------|--------|--------|--------|----------|------------|
| NV717AC | 1/2 H – 3/8 M | 59     | 28     | 24     | 16       | 0 to 95    |
| NV718AC | 1/2 H – 1/2 M | 59     | 28     | 26     | 16       | 0 to 95    |

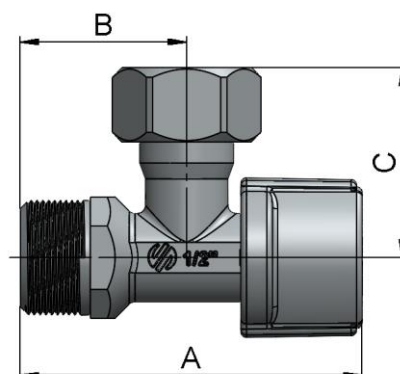
These models don't include rosette.



### MALE INLET CONNECTION AND LOOSE NUT OUTLET

| Code   | Size           | A (mm) | B (mm) | C (mm) | PN (bar) | Temp. (°C) |
|--------|----------------|--------|--------|--------|----------|------------|
| 206560 | 1/2 M – 1/2 TL | 57     | 21     | 41     | 16       | 0 to 95    |

This model includes rosette.

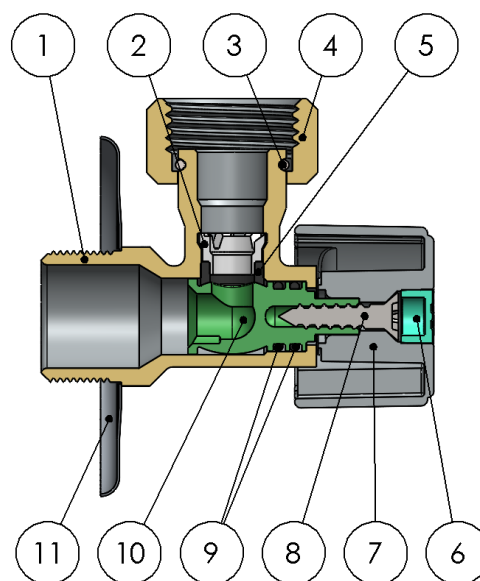
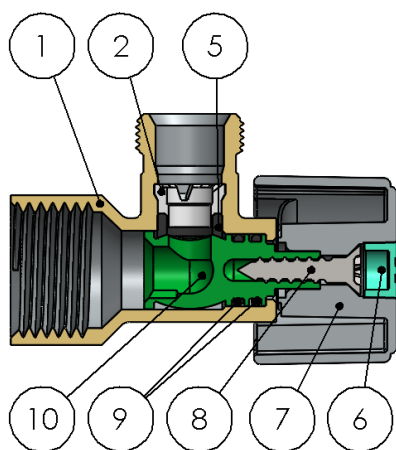




## MATERIALS

| Item | Component       | Material          | Finishing       |
|------|-----------------|-------------------|-----------------|
| 1    | Body            | Brass CW617N      | Chrome plated   |
| 2    | Supporting clip | POM               | -               |
| 3    | Ring*           | Stainless steel   | -               |
| 4    | Nut*            | Brass CW617N      | Chrome plated   |
| 5    | Seat            | NBR               | -               |
| 6    | Index           | ABS               | VITAQ           |
| 7    | Handle          | ABS               | Chrome plated   |
| 8    | Screw           | Stainless steel   | Stainless steel |
| 9    | O-rings         | EPDM              | -               |
| 10   | Stem-ball       | Anti-lime polymer | VITAQ           |
| 11   | Rosette*        | Stainless steel   | Stainless steel |

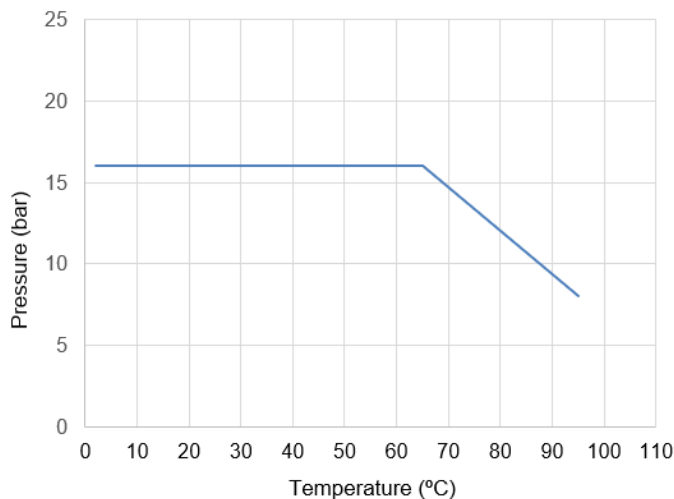
\* Variable components according to model.





## TECHNICAL DATA

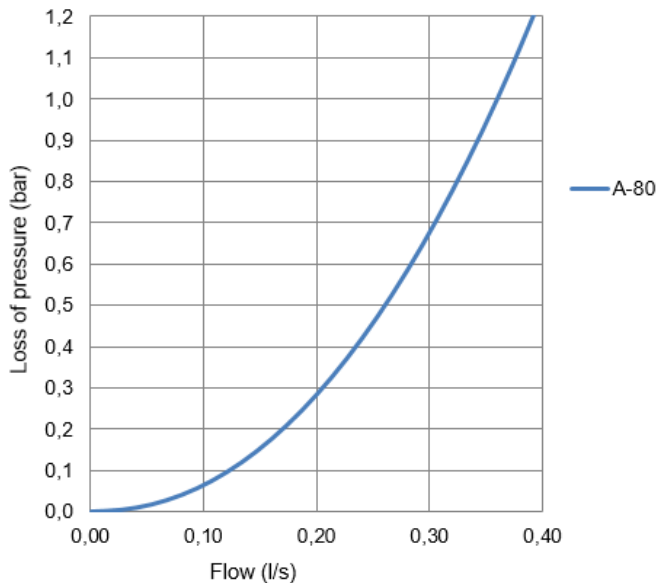
### Pressure vs. temperature



Temperature range excludes freezing.

### Hydraulic features.

#### Flow vs. loss of pressure.



### Compatibility with fluids

| Fluid                                 | Compatibility |
|---------------------------------------|---------------|
| Drinking water and domestic hot water | Excelent      |

For any other fluid, please contact Arco technical service.

| Size | A-80 |
|------|------|
| Kv   | 1,30 |

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 must 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 enviromental 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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