



Product information

Ball valve in dezincification-resistant brass with a high neck, full bore, compression fittings, and steel handle for use in water installations. The valve is also suitable for cooling systems, hot water, some lighter oils, and compressed air.

|                      |         |
|----------------------|---------|
| Dimension range (DN) | 10 - 50 |
| PN                   | 25      |
| Temperature (°C)     | 0 - 150 |
| Main material        | Brass   |



## Area of use

Shut-off valve for use in water installations. The valve is also suitable for cooling systems, hot water, some lighter oils, and compressed air. Silicone-free.

## Tender text

### **PSB.1 Ball valves**

Ball valve in dezincification-resistant metal AT3613, CU... With full flow, compression fittings, and steel handle. PN 16. Graphite packing and teflonized ball.

Ball valve in dezincification-resistant metal AT3614, CU... With full flow, compression fittings, high neck, and steel handle. PN 16. Graphite packing and teflonized ball.

## Quality assurance

AFS 2023:5, 8 paragraf

**Product marking:** Brand, DN. AT 3614 is also marked with AT 3614 and PN 16.

## Energy and environment declaration

**Product Bvb:** Avoided

**Product BVB ID:** 43195

**SundaHus:** C-

**Subject to notification under REACH**

**Reach date:** 9/23/2024 11:58:00 AM

| Item number | SCIP number                          |
|-------------|--------------------------------------|
| 3614-12     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3614-15     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3614-18     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3614-22     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3614-28     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3614-35     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3614-42     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3614-54     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |

## Measurements and weight

**Dimension range (DN):** 10 - 50

## Function and design

AT 3613 has a so-called "blow-out safe" spindle.

AT 3614 has a high spindle neck and can handle over-insulation according to series 33.

The valves have full flow.

AT 3614, DN 40-50, is equipped with a slow-closing handle. (If a regular handle is desired, choose AT 3614S42 or AT 3614S54.)

The valves are equipped with a compression ring and nut of the Kuterlite type.

## Technical data

**Main material:** Brass

**Main material code:** Brass (CuZn36Pb2As) (CW602N)

**Included materials:** Brass, Steel, Other

**Included material code:** Brass (CuZn36Pb2As) (CW602N), PTFE (polytetrafluoroethylene)

**Temperature (°C):** 0 - 150

**PN:** 25

**Connection:** Olive & Nut

**ETIM classification:** EC011343 - Ball valve

**BK04 code:** 20702 Ball valves

**MagiCAD link:** <https://redir.magicad.cloud/product/70badef2-3c7d-4677-9796-a74295fa9559>

## Installation and maintenance

**Flowdirection:** Bi-directional

**Possible mounting position:** Vertical, Horizontal

Copper pipes, thin-walled steel pipes, and PEX pipes.

The installation is time-saving and very simple: Insert the pipe into the bottom of the coupling. Tighten the nut by hand. Tighten with a tool (not pipe wrench) 1-1.5 turns. When installing on PEX pipes, tighten 2 turns. The force required for tightening is adapted to the type and size of the pipe to be installed. The double-sealing clamp grips the pipe and provides an absolutely tight joint.

Thanks to the annealed clamp, the coupling can be disassembled and reassembled repeatedly. Remember to always use a support sleeve when joining soft copper and steel pipes as well as PEX pipes.

**Stress corrosion**

When using a compression coupling, stress corrosion can occur in some cases. This risk is particularly present in connection with ammonia. For example, when using certain cleaning agents, in animal stalls (urine), etc.

To avoid stress corrosion, it is recommended to loosen the coupling nut immediately after tightening and then tighten it lightly again. This reduces the high stresses that occur during the first tightening.

**Operation and maintenance**

For best function, the valve should be operated at least 2 times/year. The valve should be regularly exercised to avoid the accumulation of dirt that can lead to leakage.

### Please feel free to contact us

We answer your questions by e-mail and telephone. No question is too small, no challenge is too big. You are always welcome at Armatec.

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THE COMPANY'S MANAGEMENT SYSTEM  
IS CERTIFIED BY DNV  
ISO 9001 • ISO 14001