

# Ball valve AT 3611-



## Product information

Shut-off valve for hot and cold water. Can also be used in cooling systems and for air, non-flammable gases, and lighter oils (such as diesel). Ball valve made of dezincification-resistant metal AT 3611. With full passage, cast high spindle neck, and steel handle.



|                      |           |
|----------------------|-----------|
| Dimension range (DN) | 10 - 50   |
| PN                   | 16        |
| Temperature (°C)     | -30 - 110 |
| Main material        | Brass     |

### Area of use

Shut-off valve for hot and cold water. Can also be used in cooling systems and for air, non-flammable gases, and lighter oils (such as diesel), see also section "Installation". Silicone-free.

### Tender text

#### PSB.1 Ball valves

Ball valve in dezincification-resistant metal AT 3611. Cu... With full passage, soldered connections, cast high spindle neck and steel handle. PN 16. Packing box in graphite and teflon-coated ball.

### Quality assurance

AFS 2023:5, 8 paragraf

**Product marking:** Brand and DN.

### Energy and environment declaration

**Product BVB ID:** 8325

**Subject to notification under REACH:** Yes

**Reach date:** 12/06/2026

| Item number | SCIP number                          |
|-------------|--------------------------------------|
| 3611-12     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3611-15     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3611-18     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3611-22     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3611-28     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3611-35     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3611-42     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3611-54     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3611-70     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3611-76     | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |

## Measurements and weight

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

## Measurements

| Item number | 3611-12 | 3611-15 | 3611-18 | 3611-22 | 3611-28 | 3611-35 | 3611-42 | 3611-54 | 3611-70 | 3611-76 |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| A           | 80      | 90      | 90      | 100     | 115     | 129     | 143     | 161     |         |         |
| B           |         |         |         |         |         |         |         |         |         |         |
| C           |         |         |         |         |         |         |         |         |         |         |

## Function and design

AT 3611 has a construction length according to SS 1129 in dimensions 10-54. The connection ends have cone/sphere coupling according to SMS 3269. (Same RSK 4012.)

AT 3611 has a high spindle neck. Suitable for installation where the valve needs to be over-insulated.

AT 3611 DN 40-50 is equipped with a slow-closing handle.

(If a regular handle is desired, use 3611S42, 3611S54 or 3611S70.

The valves have full flow (except for dimensions 70-76).

## Technical data

**Main material:** Brass

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

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

**Included material code:** PTFE (polytetrafluoroethylene)

**Temperature (°C):** -30 - 110

**PN:** 16

**Connection:** Soldering coupling

**ETIM classification:** EC011343 - Ball valve

**BK04 code:** 20702 Ball valves

| Item number | DN | KVS | Connection 1       | Connection 1 - spec. | Connection 2       | Connection 2 - spec. | Manoeuvring |
|-------------|----|-----|--------------------|----------------------|--------------------|----------------------|-------------|
| 3611-12     | 10 |     | Soldering coupling | 12mm                 | Soldering coupling | 12mm                 | Lever       |
| 3611-15     | 15 |     | Soldering coupling | 15mm                 | Soldering coupling | 15mm                 | Lever       |
| 3611-18     | 20 |     | Soldering coupling | 18mm                 | Soldering coupling | 18mm                 | Lever       |
| 3611-22     | 20 |     | Soldering coupling | 22mm                 | Soldering coupling | 22mm                 | Lever       |
| 3611-28     | 25 |     | Soldering coupling | 28mm                 | Soldering coupling | 28mm                 | Lever       |
| 3611-35     | 32 |     | Soldering coupling | 35mm                 | Soldering coupling | 35mm                 | Lever       |
| 3611-42     | 40 |     | Soldering coupling | 42mm                 | Soldering coupling | 42mm                 | Lever       |
| 3611-54     | 50 |     | Soldering coupling | 54mm                 | Soldering coupling | 54mm                 | Lever       |
| 3611-70     | 50 |     | Soldering coupling |                      | Soldering coupling |                      | Lever       |
| 3611-76     | 50 |     | Soldering coupling |                      | Soldering coupling |                      | Lever       |

## Installation and maintenance

**Flowdirection:** Bi-directional

**Possible mounting position:** Vertical, Horizontal

Soldered connections should be dismantled before soldering. The threads and sealing surfaces on the valve should be lubricated with paste to facilitate assembly. Remember to use the pipe wrench as a wrench, so that the nut does not get squeezed and thereby jammed. Never clamp the valve housing with a pipe wrench or vice. When fixing the valve, always use existing counterforce. Tightening of the packing box may be necessary for air and gas systems when the pressure exceeds 6 bar. For optimal function, the valve should be operated at least 2 times per year.

The company's management system  
is certified by DNV  
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