

Ball valve AT 3600-



Product information

Shut-off valve for heating, cooling, air, and gas systems. Can also be used for vacuum and lighter oils (such as diesel), see also section "Installation".



| | |
|----------------------|-----------|
| Dimension range (DN) | 8 - 100 |
| PN | 25 - 40 |
| Temperature (°C) | -10 - 150 |
| Main material | Brass |

Area of use

Shut-off valve for heating, cooling, air, and gas systems. Can also be used for vacuum and lighter oils (such as diesel), see also section "Installation". Silicone-free (the valve is free from silicone-based sealing or lubricating agents. No guarantee can be given that the article is free from silicone that may come from the environment, such as manual handling, transport, storage, etc.). PN40 for ≤DN50 (Max 40bar empty +95°C, max 25bar at +150°C) PN25 for ≥DN65 (Max 25bar empty +95°C, max 16bar at +150°C) Suitable for water 0°C to 150°C. Suitable for air -10°C to 150°C. Can be used down to -30°C in cooling systems with glycol-based media.

Tender text

PSB.1 Ball valves

Brass ball valve AT 3600, G... with full bore, internal thread and steel handle. Graphite packing.

Brass ball valve AT 3601, G... with full bore, internal thread, cast high spindle neck and steel handle. Graphite packing.

Brass ball valve AT 3602. With full bore, internal thread and lever. Graphite packing.

Quality assurance

AFS 2023:5, 8 paragraf

Product marking: Brand and DN.

Energy and environment declaration

Product Bvb: Avoided

Product BVB ID: 43123

SundaHus: C-

Subject to notification under REACH

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

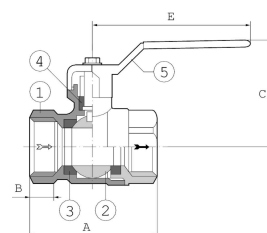
| Item number | SCIP number |
|-------------|--------------------------------------|
| 3600-8 | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3600-10 | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3600-15 | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3600-20 | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3600-25 | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3600-32 | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3600-40 | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3600-50 | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3600-65 | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3600-80 | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |
| 3600-100 | b9c440fa-966d-4c25-a44c-2d1b1239ca91 |

| Pos | Component | Material |
|-----|------------|-------------------------------------|
| 1 | Valve body | Brass (CuZn40Pb2) (CW617N) (2.0402) |
| 2 | Ball | Brass (CuZn40Pb2) (CW617N) (2.0402) |
| 3 | Seat rings | PTFE (polytetrafluoroethylene) |
| 4 | Stem seal | Graphite |
| 5 | Lever | Steel |

Measurements and weight

Dimension range (DN): 8 - 100

| DN | A | B | Net weight (kg) |
|----|----|----|-----------------|
| 8 | 39 | 41 | 0.11 |
| 10 | 39 | 41 | 0.12 |
| 15 | 49 | 53 | 0.22 |
| 20 | 58 | 57 | 0.305 |



| DN | A | B | Net weight (kg) |
|-----|-----|-----|-----------------|
| 25 | 67 | 65 | 0.52 |
| 32 | 81 | 71 | 0.815 |
| 40 | 94 | 79 | 1.21 |
| 50 | 110 | 87 | 1.805 |
| 65 | 141 | 117 | 3.345 |
| 80 | 163 | 132 | 5.338 |
| 100 | 188 | 144 | 8.6 |

Function and design

AT 3601 has a high spindle neck in DN 10-50. Suitable for installation where the valve needs to be over-insulated.
AT 3600 and 3602 have a so-called "blow-out safe" spindle.

Technical data

Main material: Brass

Main material code: Brass (CuZn40Pb2) (CW617N) (2.0402)

Included materials: Brass, Steel, Other

Included material code: Brass (CuZn40Pb2) (CW617N) (2.0402), PTFE (polytetrafluoroethylene)

Temperature (°C): -10 - 150

PN: 25 - 40

Connection: Internal thread ISO 228-1 (G, BSPP)

ETIM classification: EC011343 - Ball valve

BK04 code: 20702 Ball valves

| Item number | KVS | Connection 1 | Connection 1 - spec. | Connection 2 | Connection 2 - spec. | Manoeuvring |
|-------------|------|-------------------------------------|----------------------|-------------------------------------|----------------------|-------------|
| 3600-8 | | Internal thread ISO 228-1 (G, BSPP) | 1/4 | Internal thread ISO 228-1 (G, BSPP) | 1/4 | Lever |
| 3600-10 | 5.8 | Internal thread ISO 228-1 (G, BSPP) | 3/8 | Internal thread ISO 228-1 (G, BSPP) | 3/8 | Lever |
| 3600-15 | 15.7 | Internal thread ISO 228-1 (G, BSPP) | 1/2 | Internal thread ISO 228-1 (G, BSPP) | 1/2 | Lever |
| 3600-20 | 30.8 | Internal thread ISO 228-1 (G, BSPP) | 3/4 | Internal thread ISO 228-1 (G, BSPP) | 3/4 | Lever |
| 3600-25 | 49.3 | Internal thread ISO 228-1 (G, BSPP) | 1 | Internal thread ISO 228-1 (G, BSPP) | 1 | Lever |

| Item number | KVS | Connection 1 | Connection 1 - spec. | Connection 2 | Connection 2 - spec. | Manoeuvring |
|-------------|-------|-------------------------------------|----------------------|-------------------------------------|----------------------|-------------|
| 3600-32 | 79 | Internal thread ISO 228-1 (G, BSPP) | 1 1/4 | Internal thread ISO 228-1 (G, BSPP) | 1 1/4 | Lever |
| 3600-40 | 125.3 | Internal thread ISO 228-1 (G, BSPP) | 1 1/2 | Internal thread ISO 228-1 (G, BSPP) | 1 1/2 | Lever |
| 3600-50 | 224.2 | Internal thread ISO 228-1 (G, BSPP) | 2 | Internal thread ISO 228-1 (G, BSPP) | 2 | Lever |
| 3600-65 | | Internal thread ISO 228-1 (G, BSPP) | 2 1/2 | Internal thread ISO 228-1 (G, BSPP) | 2 1/2 | Lever |
| 3600-80 | | Internal thread ISO 228-1 (G, BSPP) | 3 | Internal thread ISO 228-1 (G, BSPP) | 3 | Lever |
| 3600-100 | | Internal thread ISO 228-1 (G, BSPP) | 4 | Internal thread ISO 228-1 (G, BSPP) | 4 | Lever |

Installation and maintenance

Flowdirection: Bi-directional

Possible mounting position: Vertical, Horizontal

"All valves have internal pipe threads. Tightening of the packing may be necessary for air and gas systems when the test pressure exceeds 6 bar. The valve should be operated regularly to avoid the accumulation of dirt that can lead to leakage."

The company's management system
is certified by DNV
ISO 9001 • ISO 14001

Get into the flow

Get into the flow with Armatec.



armatec

info@armatec.se | +46 31 89 01 00 | www.armatec.se