



## 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  $\leq$ DN50 (Max 40bar empty +95°C, max 25bar at +150°C) PN25 for  $\geq$ 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 2016:1, 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

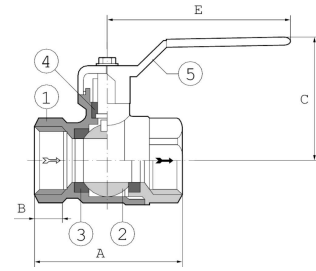
Item number	SCIP number
3600-8	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3600-10	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3600-15	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3600-20	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3600-25	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3600-32	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3600-40	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	0.113
15	49	53	0.22
20	58	57	0.308
25	67	65	0.526
32	81	71	0.809
40	94	79	1.198
50	110	87	1.8
65	141	117	3.454
80	163	132	5.06
100	188	144	8.348



## 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

Item number	KVS	Connection 1	Connection 1 - spec.	Connection 2	Connection 2 - spec.	Manoeuvring
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
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."

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  
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