Ball valve AT 3601-



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)	10 - 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 passage, internal thread and steel handle. Graphite packing.
Brass ball valve AT 3601, G ... With full passage, internal thread, cast high spindle neck and steel handle. Graphite packing.
Brass ball valve AT 3602. With full passage, internal thread and lever. Graphite packing.

Quality assurance

AFS 2023:5, 8 paragraf
Product marking: Brand and DN.

Energy and environment declaration

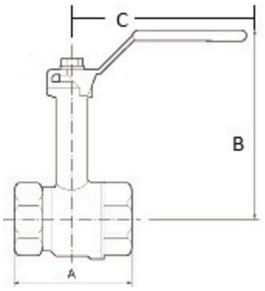
Subject to notification under REACH: Yes
Reach date: 12/06/2026

Item number	SCIP number
3601-10	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3601-15	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3601-20	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3601-25	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3601-32	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3601-40	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3601-50	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3601-65	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3601-80	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3601-100	b9c440fa-966d-4c25-a44c-2d1b1239ca91

Measurements and weight

Dimension range (DN): 10 - 100

DN	A	B	C	Net weight (kg)
10	40	96	91.5	0.231
15	49	98	91.5	0.292
20	58	101	91.5	0.385
25	67	110	126.5	0.322
32	81	120	126.5	0.926
40	94	132	141.5	1.369
50	110	140	141.5	1.944
65	141	196	141.5	3.936
80	163	202	141.5	5.666
100	188	225		8.852



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.	Manoeuvering
3601-10	5.8	Internal thread ISO 228-1 (G, BSPP)	3/8	Internal thread ISO 228-1 (G, BSPP)	3/8	Lever
3601-15	15.7	Internal thread ISO 228-1 (G, BSPP)	1/2	Internal thread ISO 228-1 (G, BSPP)	1/2	Lever
3601-20	30.8	Internal thread ISO 228-1 (G, BSPP)	3/4	Internal thread ISO 228-1 (G, BSPP)	3/4	Lever
3601-25	49.3	Internal thread ISO 228-1 (G, BSPP)	1	Internal thread ISO 228-1 (G, BSPP)	1	Lever
3601-32	79	Internal thread ISO 228-1 (G, BSPP)	1 1/4	Internal thread ISO 228-1 (G, BSPP)	1 1/4	Lever
3601-40	125.3	Internal thread ISO 228-1 (G, BSPP)	1 1/2	Internal thread ISO 228-1 (G, BSPP)	1 1/2	Lever
3601-50	224.2	Internal thread ISO 228-1 (G, BSPP)	2	Internal thread ISO 228-1 (G, BSPP)	2	Lever
3601-65		Internal thread ISO 228-1 (G, BSPP)	2 1/2	Internal thread ISO 228-1 (G, BSPP)	2 1/2	Lever
3601-80		Internal thread ISO 228-1 (G, BSPP)	3	Internal thread ISO 228-1 (G, BSPP)	3	Lever
3601-100		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