Ball valve AT 3640-

Product information

Brass ball valve, full bore, PN 25, with internal and external threads and steel handle. Graphite packing. Suitable for heating, cooling, air and gas systems. Can also be used for vacuum and lighter oils.

Dimension range (DN)	10 - 50
PN	40
Temperature (°C)	0 - 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, see also section "Installation". Silicone-free.

Tender text

PSB.1 Ball valves
Brass ball valve AT 3640, G... with full bore, internal and external thread, and steel handle. Graphite packing.

Quality assurance

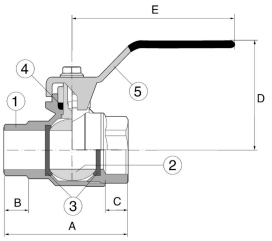
AFS 2023:5, 8 paragraf
Product marking: Brand and DN.

Energy and environment declaration

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

Item number	SCIP number
3640-10	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3640-15	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3640-20	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3640-25	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3640-32	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3640-40	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3640-50	b9c440fa-966d-4c25-a44c-2d1b1239ca91

Pos	Component	Material



Measurements and weight

Dimension range (DN): 10 - 50

DN	A	B	C	D	Net weight (kg)
10	47	10	9	41	0.12
15	56	12	12	53	0.22
20	65	12	12	57	0.31
25	76	16	15	65	0.53
32	91	18	16	71	0.83
40	105	19	17	79	1.27
50	122	21	19	87	1.9

Function and design

AT 3640 has a so-called "blow-out safe" spindle. The valves have full passage.

Technical data

Main material: Brass
Main material code: Brass (CuZn40Pb2) (CW617N) (2.0402)
Included materials: Brass, Steel, Other
Included material code: Brass CuZn39Pb2 (CW612N), Brass (CuZn40Pb2) (CW617N) (2.0402)
Temperature (°C): 0 - 150
Temperature notes: For air -10C
PN: 40
Connection: Internal thread ISO 228-1 (G, BSPP), External 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.
3640-10	5.8	Internal thread ISO 228-1 (G, BSPP)	3/8	External thread ISO 228-1 (G, BSPP)	3/8
3640-15	15.7	Internal thread ISO 228-1 (G, BSPP)	1/2	External thread ISO 228-1 (G, BSPP)	1/2
3640-20	30.8	Internal thread ISO 228-1 (G, BSPP)	3/4	External thread ISO 228-1 (G, BSPP)	3/4
3640-25	49.3	Internal thread ISO 228-1 (G, BSPP)	1	External thread ISO 228-1 (G, BSPP)	1
3640-32	79	Internal thread ISO 228-1 (G, BSPP)	1 1/4	External thread ISO 228-1 (G, BSPP)	1 1/4
3640-40	125.3	Internal thread ISO 228-1 (G, BSPP)	1 1/2	External thread ISO 228-1 (G, BSPP)	1 1/2
3640-50	224.2	Internal thread ISO 228-1 (G, BSPP)	2	External thread ISO 228-1 (G, BSPP)	2

Installation and maintenance

Flowdirection: Bi-directional
Possible mounting position: Vertical, Horizontal
The valves have internal/external 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 exercised 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

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