Ball valve AT 3614-



Product information

Ball valve in dezincification-resistant brass with a high neck, full bore, compression fittings, and steel handle for use in water installations. The valve is also suitable for cooling systems, hot water, some lighter oils, and compressed air.

Dimension range (DN)	10 - 50
PN	25
Temperature (°C)	0 - 150
Main material	Brass

Area of use

Shut-off valve for use in water installations. The valve is also suitable for cooling systems, hot water, some lighter oils, and compressed air. Silicone-free.

Tender text

PSB.1 Ball valves
Ball valve in dezincification-resistant metal AT3613, CU... With full flow, compression fittings, and steel handle. PN 16. Graphite packing and teflonized ball.
Ball valve in dezincification-resistant metal AT3614, CU... With full flow, compression fittings, high neck, and steel handle. PN 16. Graphite packing and teflonized ball.

Quality assurance

AFS 2023:5, 8 paragraf
Product marking: Brand, DN. AT 3614 is also marked with AT 3614 and PN 16.

Energy and environment declaration

Product BVB ID: 43195
Subject to notification under REACH: Yes
Reach date: 12/06/2026

Item number	SCIP number
3614-12	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3614-15	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3614-18	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3614-22	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3614-28	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3614-35	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3614-42	b9c440fa-966d-4c25-a44c-2d1b1239ca91
3614-54	b9c440fa-966d-4c25-a44c-2d1b1239ca91

Measurements and weight

Dimension range (DN): 10 - 50

Function and design

AT 3614 has a high spindle neck and can handle over-insulation according to series 33.

The valves have full flow.

AT 3614, DN 40-50, is equipped with a slow-closing handle. (If a regular handle is desired, choose AT 3614S42 or AT 3614S54.)

The valves are equipped with a compression ring and nut of the Kuterlite type.

Technical data

Main material: Brass
Main material code: Brass (CuZn36Pb2As) (CW602N)
Included materials: Brass, Steel, Other
Included material code: Brass (CuZn36Pb2As) (CW602N), PTFE (polytetrafluoroethylene)
Temperature (°C): 0 - 150
PN: 25
Connection: Olive & Nut
ETIM classification: EC011343 - Ball valve
BK04 code: 20702 Ball valves
MagiCAD link: https://redir.magicad.cloud/product/70badef2-3c7d-4677-9796-a74295fa9559

Installation and maintenance

Flowdirection: Bi-directional
Possible mounting position: Vertical, Horizontal
Copper pipes, thin-walled steel pipes, and PEX pipes.
The installation is time-saving and very simple: Insert the pipe into the bottom of the coupling. Tighten the nut by hand. Tighten with a tool (not pipe wrench) 1-1.5 turns. When installing on PEX pipes, tighten 2 turns. The force

required for tightening is adapted to the type and size of the pipe to be installed. The double-sealing clamp grips the pipe and provides an absolutely tight joint.

Thanks to the annealed clamp, the coupling can be disassembled and reassembled repeatedly. Remember to always use a support sleeve when joining soft copper and steel pipes as well as PEX pipes.

Stress corrosion
When using a compression coupling, stress corrosion can occur in some cases. This risk is particularly present in connection with ammonia. For example, when using certain cleaning agents, in animal stalls (urine), etc.

To avoid stress corrosion, it is recommended to loosen the coupling nut immediately after tightening and then tighten it lightly again. This reduces the high stresses that occur during the first tightening.

Operation and maintenance
For best function, the valve should be operated at least 2 times/year. The valve should be regularly exercised to avoid the accumulation of dirt that can lead to leakage.

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

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