Ball valve AT 3713-



Product information

Full bore, PN 16, compression fittings and steel handles. Ball valve made of dezincification-resistant lead-free brass (less than 0.1%). Graphite packing. Suitable for hot and cold water supply, cooling systems, air and neutral gases.

PN	16
Temperature (°C)	0 - 150
Main material	Brass

Area of use

Shut-off valve intended for installation in piping systems made of galvanized steel or copper where compression couplings are used. Suitable for hot and cold tap water, heating and cooling systems, -10°C to +110°C, PN 16. For air, neutral gases and flammable liquids, maximum working pressure PN 16. Silicone-free. 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 from 0°C to 150°C. Suitable for air from -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
Viridi ball valve AT 3713 in dezincification-resistant lead-free brass (lead content below 0.1%). With full flow, compression fittings, and steel handle. PN 16. Graphite packing and teflon-coated ball. Viridi ball valve AT 3713 is approved for installation where requirements from the Building Assessment and Healthy House have been set.

Quality assurance

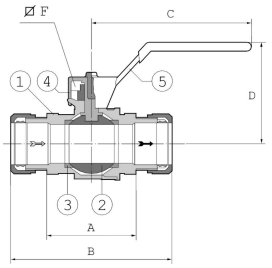
AFS 2023:5, 8 paragraf
The Viridivent valves may be used for liquids and gases in group 2 according to AFS 2016:1. The Viridivent valves are covered by AFS 2016:1, 8§, the directive for pressure equipment (PED 3.3) and therefore may not be CE marked. The Viridi range is made of alloys that are covered by the "4MS Common Composition List" which includes materials and products approved for use in contact with drinking water.
Product marking: Brand, PN and DN.

Energy and environment declaration

Product Bvb: Avoided
Product BVB ID: 126778
Subject to notification under REACH: No
Reach date: 12/06/2026

Pos	Component	Material
1	Valve body	Brass (CuZn38As) (CW511L, Pb<0,1%)
2	Ball	Brass (CuZn38As) (CW511L)

Item number	A	B	C	Net weight (kg)
3713-12	70	39	81	0.172
3713-15	76.5	54	91.5	0.172
3713-18	76.5	54	91.5	0.172
3713-22	88	58	126.5	0.172
3713-28	102.5	67	126.5	0.172



Function and design

AT 3713 has a so-called "blow-out safe" spindle. 3713 has a construction length according to SS 1129 in dimensions 12-54.
AT 3714 has a high spindle neck. Suitable for installation where the valve needs to be over-insulated.
The valves have full flow-through and are equipped with a tighten-able packing box.

Technical data

Main material: Brass
Main material code: Brass (CuZn38As) (CW511L, Pb<0,1%)
Included materials: Brass, Steel, Other
Included material code: Brass (CuZn38As) (CW511L, Pb<0,1%), PTFE (polytetrafluoroethylene)
Temperature (°C): 0 - 150
Temperature notes: PN40 for ≤DN50 (Max 40bar up to +95°C, max 25bar at +150°C) PN25 for ≥DN65 (Max 25bar up to +95°C, max 16bar at +150°C). Suitable for water from 0°C to 150°C. Suitable for air from -10°C to 150°C. Can be used down to -30°C in cooling systems with glycol-based media.
PN: 16
Connection: Olive & Nut
ETIM classification: EC011343 - Ball valve
BK04 code: 20702 Ball valves
Comment to colour: Natural colour, untreated.

Item number	KVS	Connection 1	Connection 1 - spec.	Connection 2	Connection 2 - spec.	Manoeuvering
3713-12	5.8	Olive & Nut	12mm	Olive & Nut	12mm	Lever
3713-15	15.7	Olive & Nut	15mm	Olive & Nut	15mm	Lever
3713-18	15.7	Olive & Nut	18mm	Olive & Nut	18mm	Lever

Item number	KVS	Connection 1	Connection 1 - spec.	Connection 2	Connection 2 - spec.	Manoeuvering
3713-22	30.8	Olive & Nut	22mm	Olive & Nut	22mm	Lever
3713-28	49.3	Olive & Nut	28mm	Olive & Nut	28mm	Lever

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 a 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 may occur in some cases when using a compression coupling. 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. For best function, the valve should be operated at least 2 times per year.

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

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