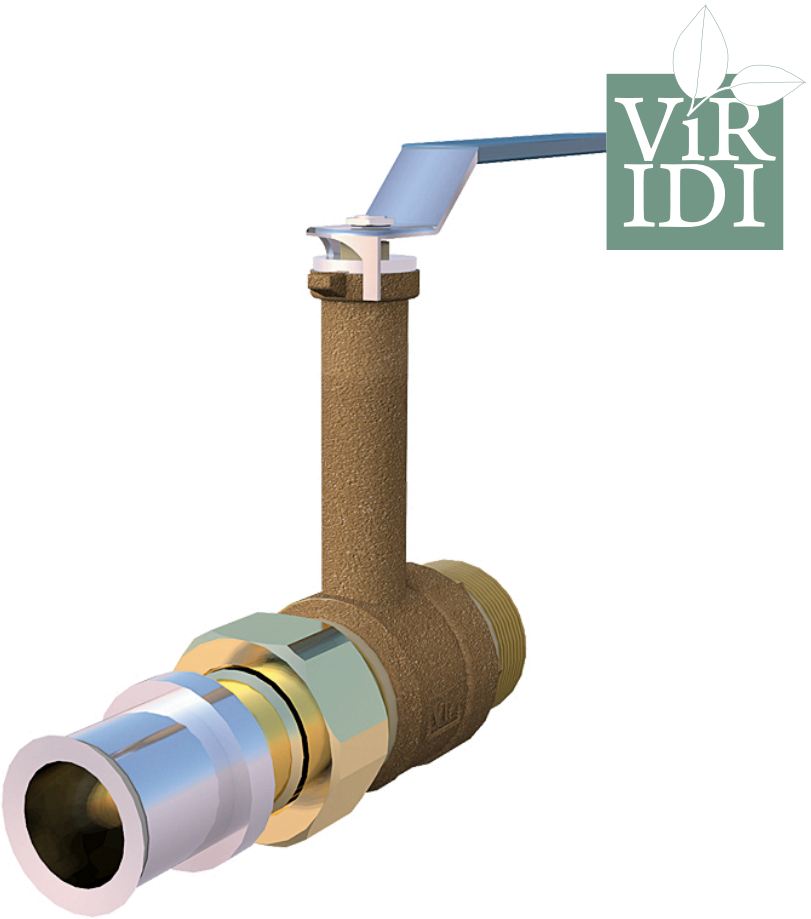
Ball valve AT 3712-



Product information

High valve neck, full flow, PN 10, press-fit connections and steel handle. Ball valve made of dezincification-resistant lead-free brass (less than 0.1%). Graphite packing. For hot and cold tap water and cooling systems.

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

Area of use

Viridi shut-off valve for hot and cold tap water, as well as heating and cooling systems, see also section "Installation". Suitable for water from 0°C up to 70°C.

Tender text

PSB.1 Ball valves
Viridi ball valve AT 3712 in dezincification-resistant lead-free brass (lead content below 0.1%). With full flow, press-fit connections, cast high spindle neck, and steel handle. PN 10. Graphite packing and teflon-coated ball. Viridi ball valve AT 3712 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.

Measurements and weight

Dimension range (DN): 10 - 50

Function and design

The connection ends of AT 3712 have cone/sphere coupling according to SMS 3269. AT 3712 has a high spindle neck, suitable for installation where the valve needs to be over-insulated. AT 3712 DN 40 and DN 50 are equipped with a regular handle, if a slow-closing handle is desired, choose AT 3712V40 or AT 3712V50. The valves have full flow-through.

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: 10
Connection: Presspex
ETIM classification: EC011343 - Ball valve
BK04 code: 20702 Ball valves
Comment to colour: Natural colour, untreated.

Installation and maintenance

Flowdirection: Bi-directional
Possible mounting position: Vertical, Horizontal
General
Ensure that the end of the pipe is cut perpendicular, well chamfered, and clean from debris and shavings. Check that the coupling is free from dirt and that the O-rings are in place. Insert the pipe into the bottom of the coupling and mark the insertion depth to clearly see that the pipe is in the correct position when the coupling is pressed. Check that the correct pressing tool is used, and that it is clean and undamaged. Place the pressing tool's back perpendicular and in the correct position over the coupling's bead, and start pressing. Ensure that the pressing tool closes completely. Couplings are pressed with TH-backs in dimension 16-50. 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
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