

Climate
Control

IMI Heimeier

TA 500 Globo



Ball valves

Potable water ball valve with stainless steel ball

TA 500 Globo

The TA 500 Globo with stainless steel ball is used in potable water applications as a multifunctional shut-off valve. The body is made of corrosion-resistant gunmetal. The ball valve has a robust handle for easy operation.

Key features

Body made of corrosion-resistant gunmetal, ball in stainless steel

Operating handle outside the pipe insulation

Tubular body, ideal for continuous pipe insulation

DN 15 - 32 suitable for M106 actuators

Robust handle for easy operation



Technical description

Application:

Potable water systems

Pressure class:

PN 16

Insulation:

Heat insulation consisting of two interlocked half shells, see Accessories.

Functions:

Shut-off
Removable operating handle made of metal. As the handle stop is hidden, there is no risk of injury.

Temperature:

Permissible operating temperature TB:
-10 °C -120 °C.

Actuators:

DN 15 - 32 suitable for M106 actuators.
Art. No. 0600-00.700.

Dimensions:

DN 15 - 50

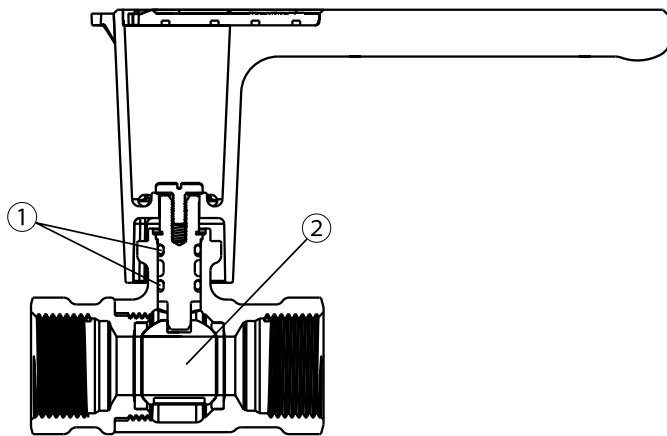
Material:

Body made of corrosion-resistant gunmetal.
Ball in stainless steel and with smooth straight bore.
Maintenance-free spindle sealing by two EPDM O-rings.
Ball sealing from pure PTFE.
Handle made of metal.

Approvals:

DVGW W 570-1, DVGW W 270,
DIN EN 13828, DIN 50930-6 and KTW.
Classified in accordance with DIN 4109 in Valve Group I (tested in accordance with EN ISO 3822 Part 1 and Part 3).

Construction



1. Stem sealing provided by two O-rings
2. Solid stainless steel ball



Application

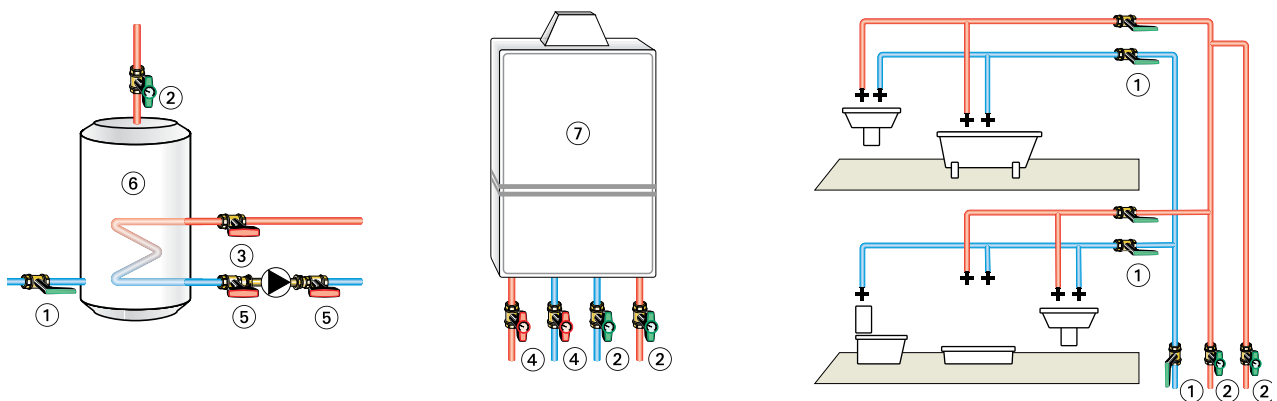
The TA 500 Globo is used in potable water applications as a multifunctional shut-off valve. The ball valve has a robust handle for easy operation.

The potable water ball valve provides insulation against heat loss as required by the respective energy saving ordinance. This requirement can be easily met with the use of heat insulation shells or with straight pipe insulation in view of the tubular housing. The operating handle is located outside the heat insulation.

The TA 500 Globo is compliant with the following:

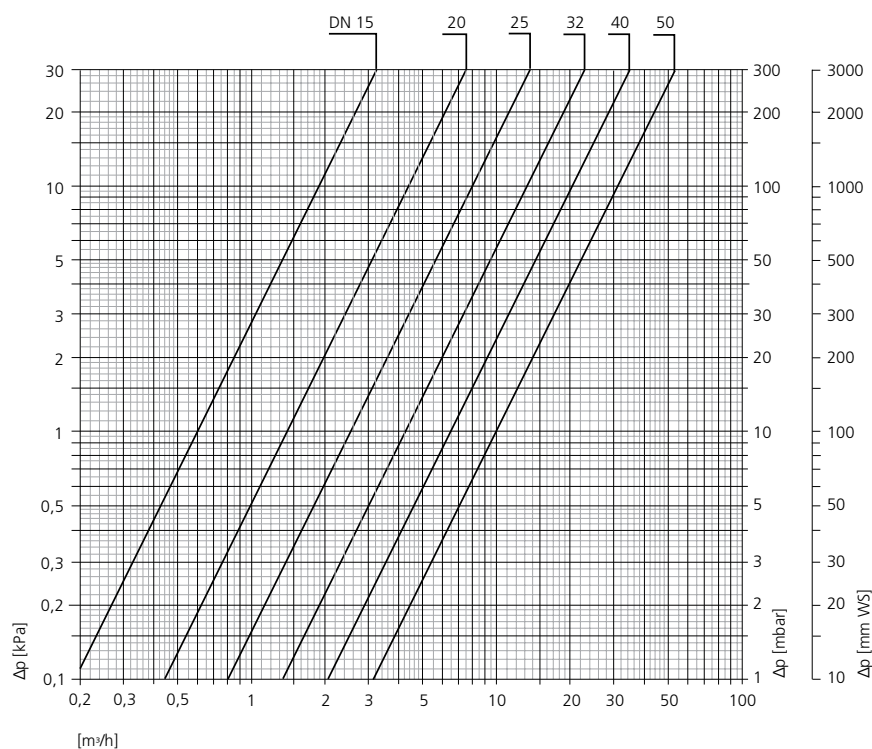
- DVGW W 570-1 (Potable water installation, e.g. manually operated ball valves, – requirements and tests).
- DVGW W 270 (Testing and evaluation of the propagation of microorganisms on materials in potable water applications).
- DIN EN 13828 (Manually operated ball valves for potable water installations in buildings).
- DIN 50930-6 (Corrosion of metallic materials under corrosion load by water inside tubes, tanks and apparatus – influence of the composition of potable water)
- KTW (Recommendation for plastics and other non-metallic materials)
- Excellent noise characteristics, classified in accordance with DIN 4109 in Valve Group I (tested in accordance with EN ISO 3822 Part 1 and Part 3).

Sample application

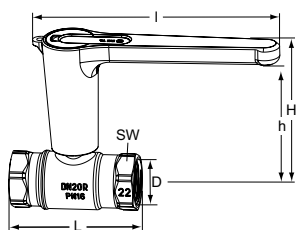


1. TA 500 Globo
2. Globo D with thermometer
3. Globo H
4. Globo H with thermometer
5. Globo P
6. Potable water heater
7. Circulating water heater

Diagram



Articles



With internal thread

DN	D	L	I	H	h	Kvs	EAN	Article No
15	Rp1/2	65	149	89	76,0	6,0	5902276898488	32701010408
20	Rp3/4	75	149	91,1	78,1	14,0	5902276898495	32701010508
25	Rp1	90	149	93,6	80,6	25,0	5902276898501	32701010608
32	Rp1 1/4	95	149	97,1	84,1	42,0	5902276898518	32701010708
40	Rp1 1/2	100	203	124,5	111,5	65,0	5902276898525	32701010808
50	Rp2	118	203	129,5	116,5	100,0	5902276898532	32701010908

SW: DN 15 = 27 mm, DN 20 = 32 mm, DN 25 = 39 mm, DN 32 = 50 mm, DN 40 = 55 mm, DN 50 = 70 mm

Installation length L according to DIN 3202 part 4, row M5.

Accessories



Heat insulating shell

Made of EPP
Fire class B2

DN	EAN	Article No
15	4024052575015	0670-02.553
20	4024052575114	0670-03.553
25	4024052575213	0670-04.553
32	4024052575312	0670-05.553
40	4024052599219	0670-06.553
50	4024052599318	0670-08.553