

4. Accessories

A) Thermometer 1 024001

To use a thermometer:

For valves DN15–DN25, only the thermometer is needed.

For valves DN32–DN50, items 1 0241 01 and 1 0240 09 must also be purchased.



B) Pressure gauge 1 2682 34

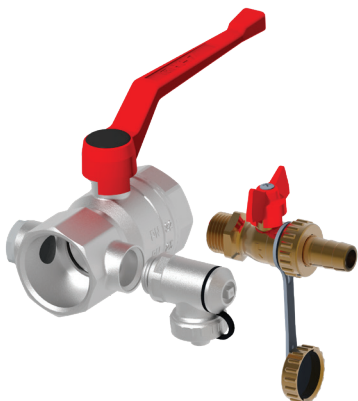
For valves DN15–DN25: remove plug with immersion sleeve 1 0240 09 or drain plug 1 0241 09 and install pressure gauge 1 2682 34.

For valves DN32–DN50: remove plug 1 2331 01 or drain plug 1 6383 23 and install reducing plug 1 0241 01 together with pressure gauge 1 2682 34.



C) Drain valve G1/2" INOX 1 8635 56 and Ball valve with spigot and union nut G1/2" 1 2512 01

Suitable only for valves DN32–DN50.



☑ Assembly instruction

The threads of the pipe have to be coated with a suitable sealing material (spinning material, Teflon ribbon, sealing paste). There should not be excess of sealing material on the pipe because it can damage the thread. The ball valve with thread (G, R) is screwed onto the pipe. The pipes have to be correctly aligned, so the valve is not loaded with a bending moment. When using cooper or plastic pipes take into account pressure and temperature limits of used material. When assembling, use a suitable assembly tool that adapts to valve end connections (Sw, Sw1). The ball valve can be mounted in any position: horizontal, vertical or upside-down. Following assembly, the connections of ball valve must be checked for water-tightness by the installer. All engineering standards and recognised regulations must be adhered by these specialist staff. If there are impurities in the medium (water too hard, dust, etc.) there should be a filter installed, in other case the impurities can damage the seals in the valve

☑ Brass

HERZ use top-quality brass that responds to the latest European norms DIN EN 12164, DIN EN 12165 and DIN EN 1982. Housings of ball valves are made from brass due to its good strenght, excellent corrosion resistance and variety of other properties.

☑ Function principle

Inspect the position of the handle to see whether the ball valve is opened or closed. It is opened if the handle is aligned with the pipe and it is closed if the handle is positioned perpendicularly to the pipe. Open or close the ball valve by rotating the handle for 90°.

☑ Maintenance instruction

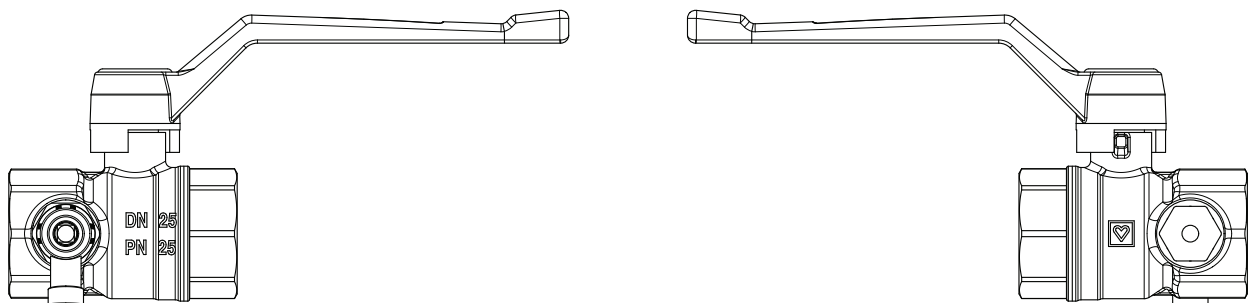
According to EN 806-5 (point 6. Operation) valves should always be in their fully opened or closed position and actuated at regular intervals to ensure they remain operational. Therefore HERZ Ball valves must be closed and opened for several times periodically every six months. This prevents the ball valve from blocking, reduces sediment deposition and reduces the possibility of corrosion inside the valve.

☑ Disposal instruction

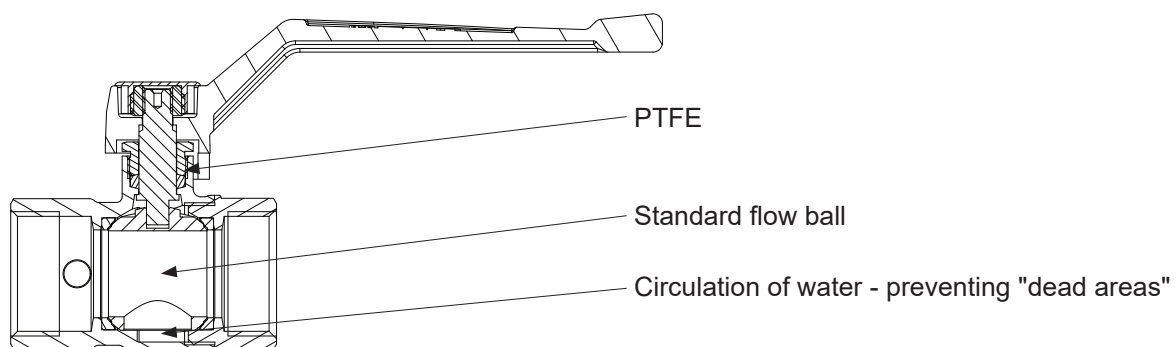
The disposal of HERZ ball valves for heating and chilled water must not endanger the health or the enviroment. National legal regulations for proper disposal of the HERZ ball valves for heating and chilled water have to be followed.

☑ Labels on ball valves

☑ Housing



☑ Technical features



Please note: All specifications and information within this document are reflecting the information available at the time of going to print and meant for informational purpose only. Herz Armaturen reserves the right to modify and change products as well as its technical specifications and/or its function according to technological progress and requirements. All diagrams are indicative in nature and do not to be complete. It is understood that all images of Herz products are symbolic representations and therefore may visually differ from the actual product. Colours may differ due to printing technology used. In case of any further questions don't hesitate to contact your closest HERZ Branch-Office.

Spare parts

Illustration	Description	Item number
	Drain plug G1/4" (DN15-DN25)	1 0241 09
	Drain plug G1/2" (DN32-DN50)	1 6383 23
	Plug G1/4" with immersion sleeve (DN15-DN25)	1 0240 09
	Plug G1/2" (DN32-DN50)	1 2331 01
	Pressure gauge 0 - 10 bar G1/4"	1 2682 34
	Thermometer 0 - 120 °C for plug with immersion sleeve	1 0240 01
	Reducing plug G1/2"-1/4" (DN32-DN50)	1 0241 01
	Plug M10 with teflon (DN15-DN20)	1 0242 09
	Drain valve G1/2" INOX (DN32-DN50)	1 8635 56
	Ball valve with spigot and union nut G1/2" (DN32-DN50)	1 2512 01