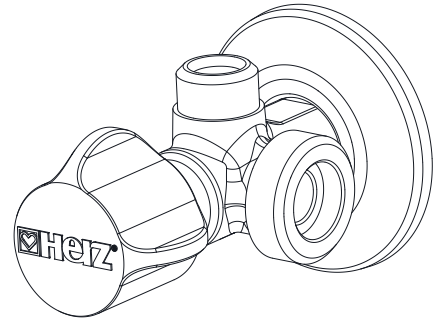
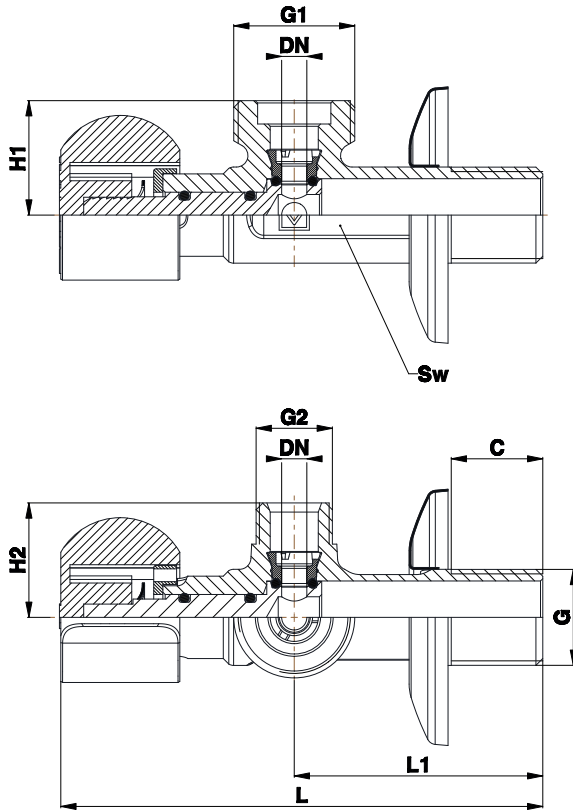


# HERZ Double Angle Valve for potable water

Datasheet for U H131 11, Issue 0623

**☑ Dimensions**



Order Nr.	DN	PN [bar]	G [in]	G1 [in]	G2 [mm]	C [mm]	L [mm]	L1 [mm]	H1 [mm]	H2 [mm]	Sw [mm]
U H131 11	6	16	1/2	3/4	3/8	20	84	105,3	25	25	19

**☑ Material and construction**

Body:	forged brass acc. to EN 12165, chrome plated
Ball & spindle:	machined brass acc. to EN 12164
Handle:	ABS, chrome plated
Snap pin:	ABS
Axial clamp:	Burnished steel
Ball seals:	EPDM, POM
Spindle seals:	NBR
External threaded connectors:	acc. to ISO 228-1

**☑ Operating data**

Max. operating pressure:	PN16
Min. temperature:	0,5 °C
Max. temperature:	90 °C
Medium:	potable water

**☑ Field of application**

The Herz double angle valve is most suitable for application in water installations. It is used where we need to connect faucet and dishwasher/washing machine with only one water supply. It is usually used in cold water supplies. Usage of HERZ double angle valve allows servicing of the faucet or dishwasher while the other outlet is still open.

For example: In case of malfunctioning dishwasher it can be serviced with closed outlet G3/4". In this case the faucet can be normally used. Rotate the handle as shown in picture 4 below (closed outlet G3/4" and opened outlet G3/8"). It has to be used as shut off element. The double angle valve should not be used as regulating element, so the handle should not be in an intermediate position.

**Assembly instruction**

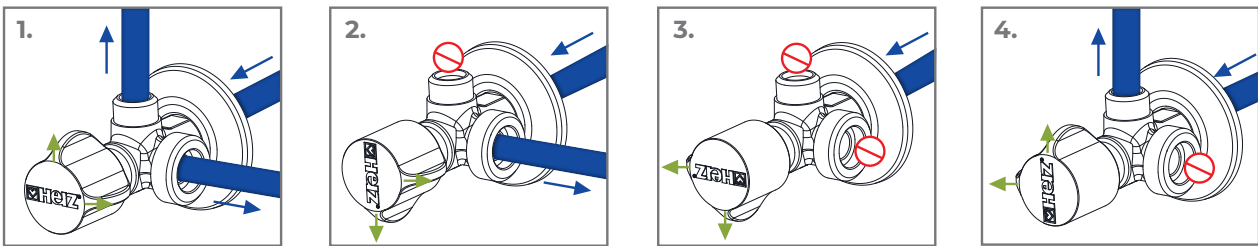
The threads of the valve have to be coated with a suitable sealing material (spinning material, Teflon ribbon, sealing paste). There should not be excess of sealing material on the pipe because it can damage the thread. The ball valve with thread (G) is screwed onto the pipe. When using copper or plastic 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). The double angle 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.

**Function principle**

The double angle valve can be set in four different positions:

1. Both outlets are opened
2. Outlet (3/4") opened/ Outlet (3/8") closed
3. Both outlets are closed
4. Outlet (3/4") closed / Outlet (3/8") opened

Positions are set by rotating the handle for 90° all around. Positions are identified by bulges on the handle. Handle can be rotated for 360°.



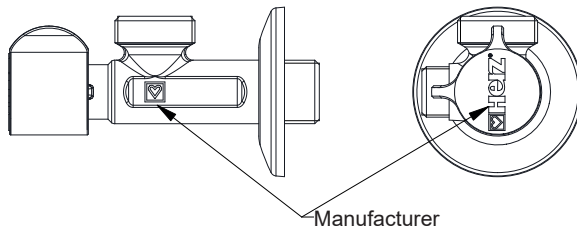
**Maintenance instructions**

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 should be closed and opened periodically at least every 6 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 double angle valves must not endanger the health or the environment. National legal regulations for proper disposal of the HERZ double angle valves for have to be followed.

**Labels on ball valves**



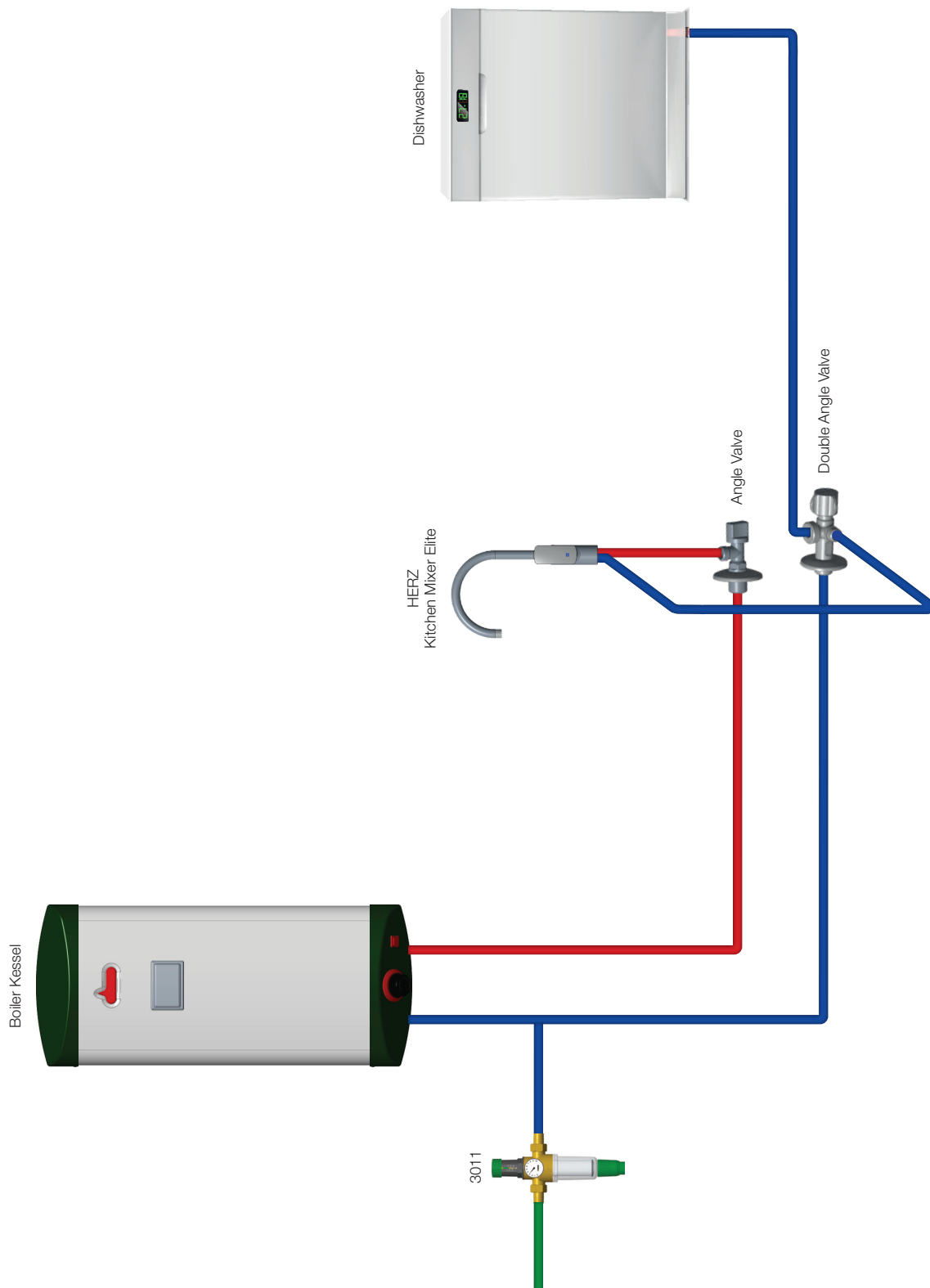
**Spare parts**

Order Nr. Valve	Order Nr. Rosette
U H131 11	2223630R

**Material**

Pursuant to Article 33 of the REACH Regulation (EC No. 1907/2006), we are obliged to point out that the material lead is listed on the SVHC list and that all brass components manufactured in our products exceed 0.1% (w / w) lead (CAS: 7439-92-1 / EINECS: 231-100-4). Since lead is a component part of an alloy, actual exposure is not possible and therefore no additional information on safe use is necessary.

Scheme



**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.