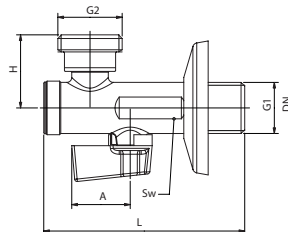
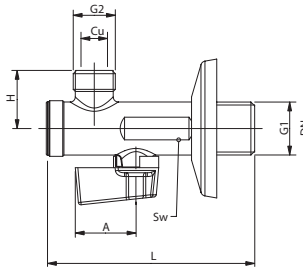
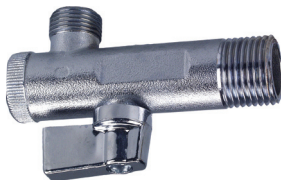
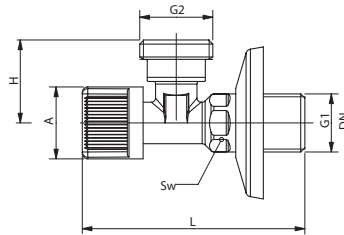
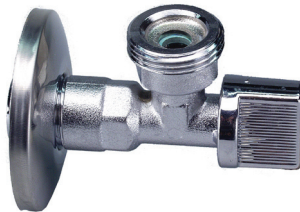
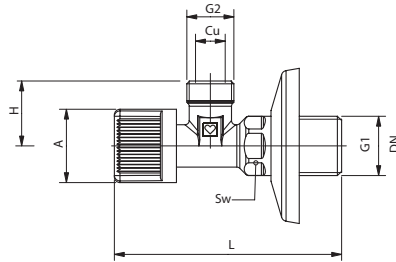


HERZ Angle valve for water

Datasheet
255x
Issue 0607



Model	Dimension	PN	DN	G1	G2-Cu	L	H	A	Sw
1 2550 01	1/2"	16	6	1/2"	3/8"-fi10	80	23	26	19
1 2251 01	1/2"	16	6	1/2"	1/2"-fi15	80	27	26	19
1 2252 01	1/2"	16	6	1/2"	3/4"	80	30	26	19
1 2553 01	1/2"	16	6	1/2"	3/8"-fi10	82	23	24	19
1 2554 01	1/2"	16	6	1/2"	3/4"	82	30	24	19

Dimensions

Body: forged brass acc. EN 12420, chrome plated
Ball: brass
Spindle: brass
Handle: ABS, chrome plated
Sealing elements: EPDM and NBR 70ShA

Construction

We reserve the right to make modifications necessitated by technical progress.

Conections:	Male threated acc. ISO228
Maximum pressure:	16 bar
Temperature range:	0°C - 90°C

Specification

Herz recommend the use of spinning material, tefl ribbon-sealing paste to seal the connection between the pipe and the ball valve. Screw ball valve into the pipe end with a suitable assembly tool. ball valve does not need special maintenance.

Assembly and maintenance

Ball valve is used in pipe installations and in the sanitary systems as an isolation valve only. For use where one expects durability even if working conditions are exceeded.

Application

All details contained in this brochure appertain to that available at the time of printing and serve as information. We reserve the right to make changes in the event of technical advancements. The illustrations are understood to be symbolic representations and may therefore vary visually from the actual products. Any colour variations are dependent upon the printing technology used. Products may also vary according to the country. We reserve the right to make changes to technical specifications and functions. Please contact your nearest branch of HERZ with any questions.

Data sheet for
13001, 13002
Issue 1107

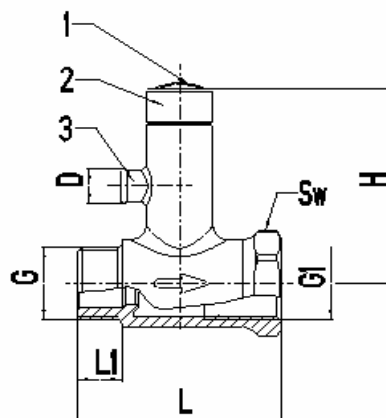


Figure	G	G1	L	L1	D	H	Mt (Nm)	Sw	Dimensions (mm)
13001	1/2"B	1/2"	55	12	10	55	75	27	
13002	3/4"B	3/4"	55	12	10	57,5	100	32	

Body: forged brass acc. EN 12420
Sealing elements: rubber WMQ501
Spring: chrome-nickel steel
Spindle: brass
Connections: female thread acc. DIN 228

Design

Recommendable pressure:	3 - 5 bar
Automatic regulation pressure:	7,6 and 8 bar
Compensates pressure:	about 1,5 bar

Operating data

At least once within 30 days it is necessary to examine the safety valve by unscrewing the cap 2 leftwards until the outer thread rim has clicked. While this is being done, water must run through outlet 3. Then the cap 2 must be fastened again and the water outlet is thereby closed. This reinsures normal operation of the valve. The described control procedure must also be executed after installation before the boiler starts operating. The control is necessary to prevent the accumulation of water sediments and limescale that disturb normal operation of the valve.

On cap 2 of the safety valve, there is the lid 1, acting as a seal

The safety valve leaks water whenever the network pressure exceeds 8 bar. Installing non-return valves into the water supply system (statutory regulation) increases the possibility of leakage. Therefore it is advisable to install an expansion tank in case of water leakage. It is also possible to mount a tube on the safety valve and channel the water to the drain.

Safety valves can only be used for water heaters with their power not exceeding 2.5 KW.

Application

When installing the combined return safety valve, make sure that the arrow indicates the direction of water flow. After installation appropriate care must be taken to prevent solid or alien items from entering the valve, or to prevent them to be transferred through the installed pipes into the safety valve. The outlet opening must be open and free of obstacles at all times, so that water can freely run off in case of increased pressure in the boiler. The safety valve features double regulation. The main valve exercises automatic regulation of pressure between 7.6 and 8 bar. The return regulator valve compensates for all pressure differences of up to 1.5 bar. Warranty is only valid upon presentation of original bill that has been marked with the registration number. The combined return safety valve has been certified by the Faculty of Mechanical Engineering, Laboratory of Heating, Solar and Sanitary Engineering, Ljubljana. (Certificate 1: 1: 14/1 dated 15. 5. 1974). This institution executes permanent control of our combined return safety valve.

Instruction for assembling and maintenance

We reserve the right to make modifications in line with progress in engineering.



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