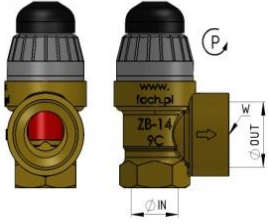
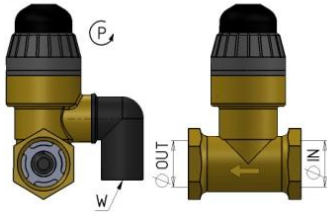


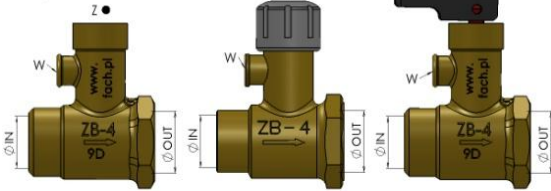
ZB-14



ZB-12



ZB-4, ZB-8



0 3 7 U - W X Y Z - RR					
U	TYPE	X	valve A Po [bar]	Y	valve C PN [bar]
1	ZB-4	6	1,6±3%	0	0,7±0,3
2	ZB-8	9	2,7±3%	1	-
3	ZB-14	7	3,3±3%	3	-
4	ZB-12	2	4,4±3%	4	-
6	ZB-4	1	6,7±3%	6	1,1±0,5
7	ZB-8	8	7,4±3%	8	0,8±0,5
8	ZB-8	3	8,4±3%	9	0,5±0,3
W	body	4	8,7±3%	Z	
		5	9,8±3%	1,2	P
0	-	0	11±3%	5,7	K
1	Ni			6,9,3	D
RR			packing (standard 01)		
				8	Z

TYP	IN	OUT
ZB-4	G1/2"	G1/2"
ZB-8	G3/4"	G3/4"
ZB-12	G1/2"	G1/2"
	G3/4"	G3/4"
ZB-14	G1/2"	G3/4"
	G3/4"	G3/4"

**Application:**

Safety valve is one of the safety devices inside equipments supplied with water or mixture of water, for example, conductive liquids. Valve's nominal pressure is calibrated mechanically and cannot be changed without damaging the valve.

**Technical characteristics:**

The valve contains the following parts:

A. (letter X) – a safety valve itself, which enables water to flow outside through the outlet when the pressure in the system is bigger than the opening pressure (PO).

Options:

B. opening valve – which enables water to flow into the container and prevents water inside from flowing out to the water supply system in case of lack of pressure in that system.

C. (letter Y) - check valve, which enables to decrease water pressure, without water external outflow, by moving water back from container into supply circuit.

**Materials:**

- brass body – CuZn40Pb2, PN-EN 12164
- membrane rubber resistant to hot water up to 110 °C and ageing.
- springs from stainless steel

**Ending types (letter Z):**

- Z – plug
- K – cap
- D – lever
- P – knob

**Assembly:**

The valve should be assembled at minimum temperature, at the highest point or, respectively, to outlet of heat generator or accumulating device, in accordance with direction of water flow shown by the indicator. Length of the pipe segment, which is screwed to the inlet of the valve must be as short as possible and should not cause storage of pollution. No cut-off devices are allowed to be installed.

The outlet pipe segment should be as short as possible and should have at least the same size as the outlet terminal of the valve.

Outlet canal W must be placed in a place where it will be easily visible and would not cause any damage.

Periodically, or before each start of the heater, it is advisable to check the proper operation of the safety valve by manually releasing the lever (cap or knob) and forcing water to flow out from the outlet.

Flow out of water must not be blocked in any case.

**Attention:** If the pressure in the water supply system is higher than nominal pressure of the valve, water will flow out of the valve continuously.