

Collaboration and Innovation

ZL-718

Data sheet

Temperature & pressure relief valve



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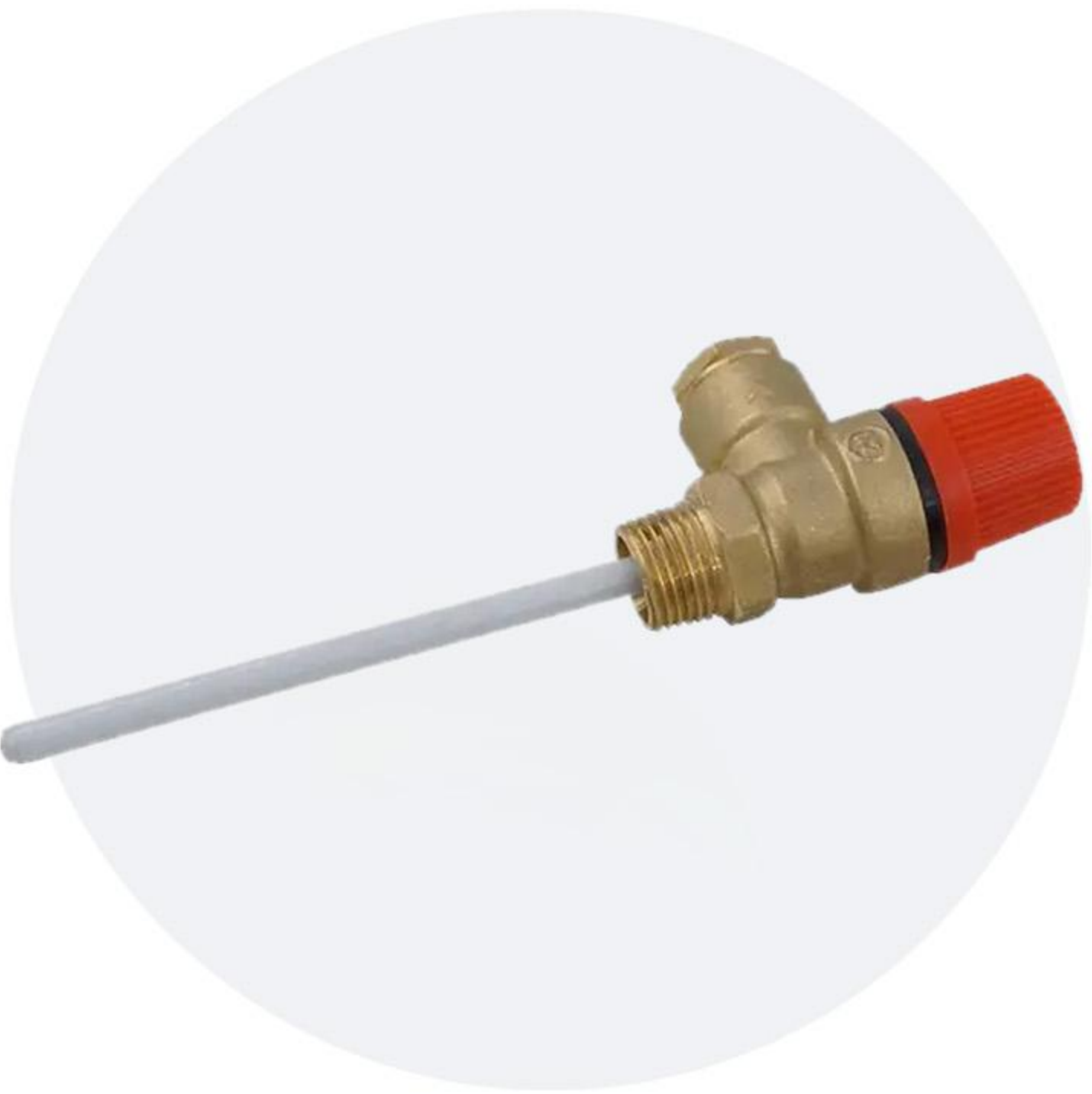
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317606 China

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● Function

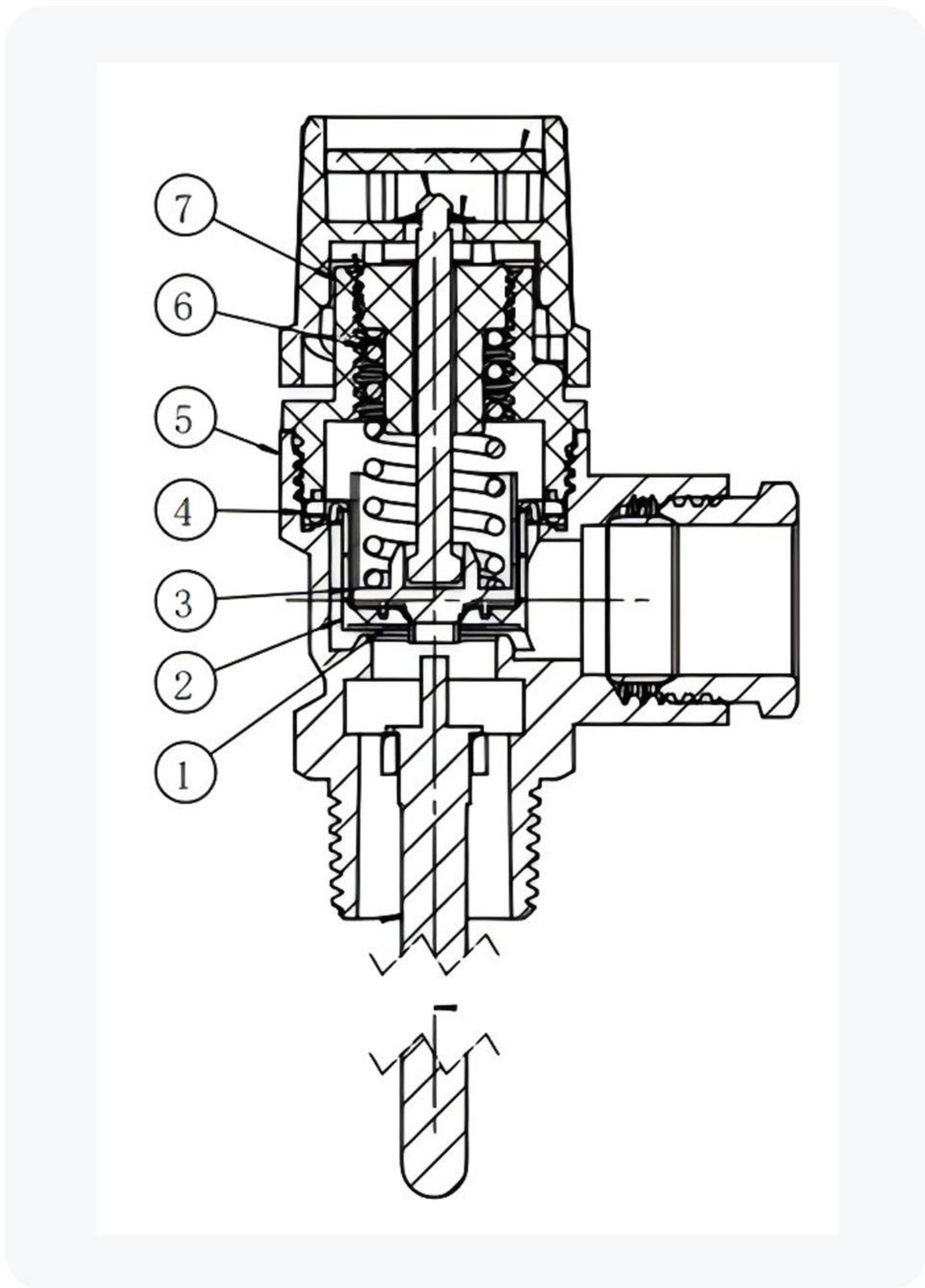
Safety valves are used on storage type domestic hot water tanks to prevent hot water from vaporizing when the pressure rises or the temperature exceeds 100 °C during heating expansion. When the temperature or pressure reaches the set value, the safety valve automatically opens to restore the pressure or temperature below the set value, and then the safety valve automatically closes.



● Technical requirement

Item	Value
Applicable medium	water
PED grade	IV
Set value temperature/pressure	90°C / 6bar or 7bar

● Components

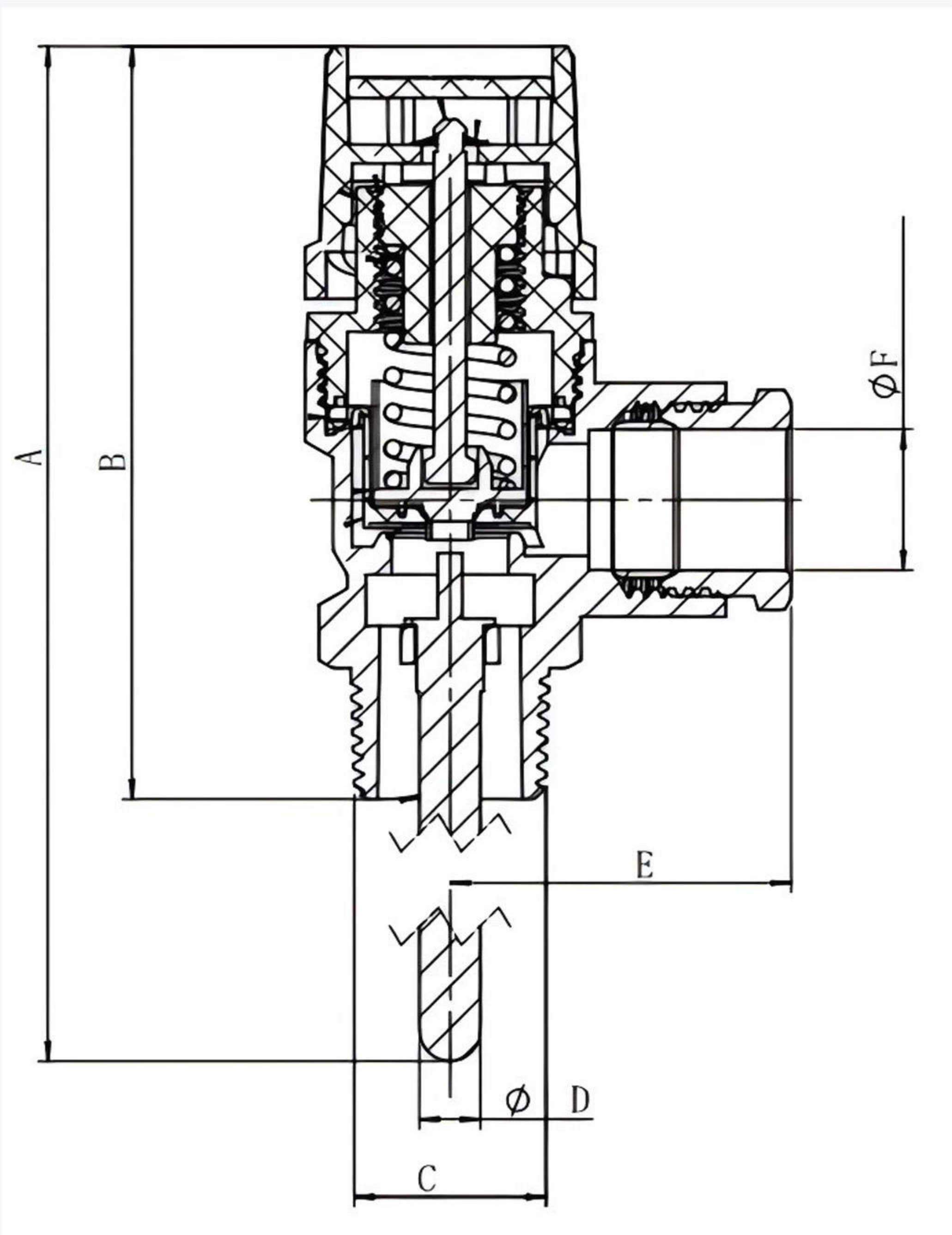


No.	Name	Material
1	Washer	SUS304
2	Valve Clack	silicon rubber
3	Valve seat	HPb57-3
4	Paper foil gasket	Red vulcanized paper
5	Valve body	HPb57-3
6	Compression spring	SUS304
7	Valve cover	PA66

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● Size



Outline dimensions

A	B	C	D (Ø)	E	F (Ø)
191.2	79.3	R1/2M	6.5	36.8	15.1

Dimension key

A — Overall length

B — Body length

C — Inlet thread

D (Ø) — Probe diameter

E — Outlet length

F (Ø) — Outlet diameter

Linear dimensions are in mm unless otherwise stated.