

Main features

Description	membrane safety valve
Application	primary solar circuit protection against exceeding the max. working pressure
Working fluid	water, antifreeze fluid for solar thermal systems
Installation	the flow direction marked on the valve body shall be respected to ensure proper operation



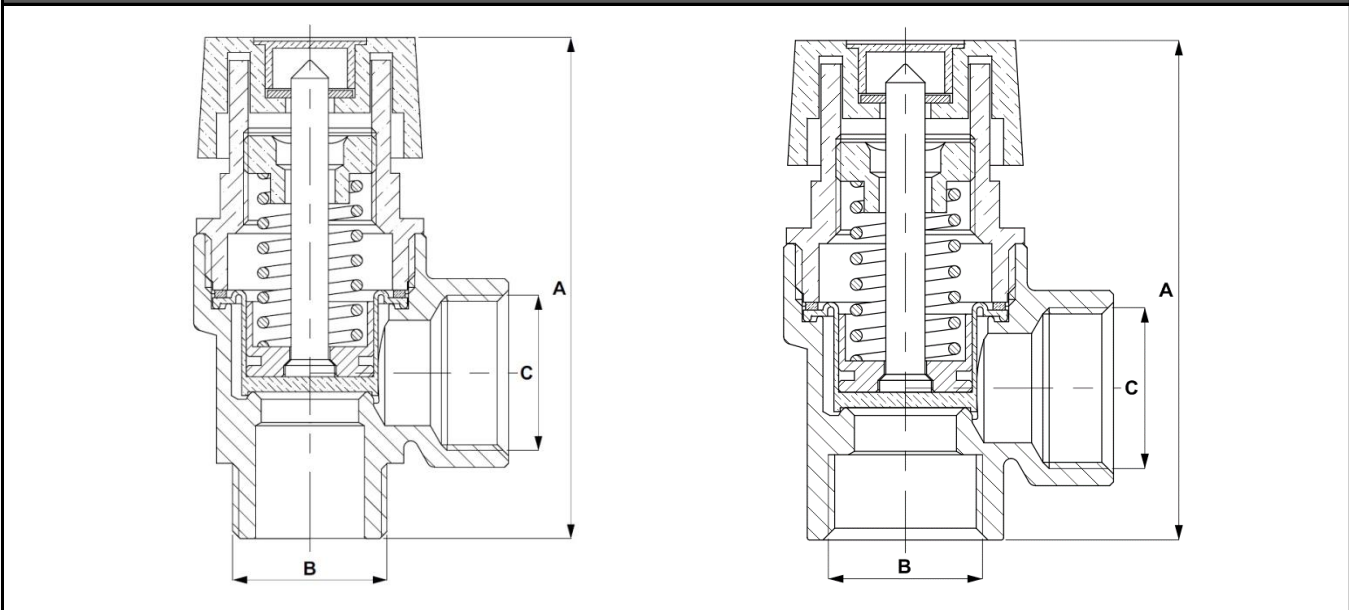
Operating data

Nominal pressure	PN 10
Working temperatur.	max. 150 °C
Valve fully opened	$p_o + 10 \%$

Materials

Valve body	CW617N
Valve housing	PA66 30% GF
Valve seal	FPM Viton
Membrane	EPDM 80
Seal	POM 30% GF
Stem	CW617N
Spring	spring steel
Adjusting screw	PA6 30% GF
Knob	PA66 30% GF
Spring washer	steel
Bonnet	PA6

Dimensions



Code	Connection	Set pressure	Seat cross section	Discharge coefficient	Flow rate	Dimensions			Weight
		p_o				A	B	C	
		[bar]	[mm ²]	[-]	[kg/h]	[mm]	[-]	[-]	[g]
16680	G 1/2" x	6,0	132,73	0,30	5 208	77	G 1/2" M	G 3/4" F	195
1616	G 3/4"	6,0	132,73	0,30	5 208	68	G 1/2" F	G 3/4" F	170