

DATA SHEET

FF Safety valves

Main features	
Description	membrane safety valve
Application	protection of heat source and heating system against exceeding max. working pressure
Working fluid	water, water/glycol mixture (max. 1:1) or water-glycerine mixture (max. 2:1)
Installation	the flow direction marked on the valve body shall be respected to ensure proper operation

Dimensions	Operating data	
	Nominal pressure	PN 10
	Working temperature	max. 110 °C
	Valve fully opened	$p_o + 10 \%$
Materials		
Valve body	CW617N	
Valve housing	Nylon 30% GF	
Valve seal	FPM Viton	
Membrane	EPDM 70	
Seal	N 2200 G53 (POM)	
Stem	Hostaform (POM)	
Spring	Spring steel	
Adjusting screw	N 2200 G53 (POM)	
Knob	ABS	
Spring washer	steel	
Bonnet	Nylon 6 (PA)	

Code	Connection	Set pressure	Seat cross section	Discharge coefficient	Flow rate	Dimensions			Weight
		p_o [bar]	[mm ²]	[-]	[kg/h]	A [mm]	B [-]	C [-]	[g]
11891	G 1/2"	1,5	132,73	0,30	2 604	62	G 1/2" F	G 1/2" F	105
11892		2,0	132,73	0,30	3 007	62	G 1/2" F	G 1/2" F	105
11897		2,5	132,73	0,30	3 362	62	G 1/2" F	G 1/2" F	105
605		3,0	132,73	0,30	3 683	62	G 1/2" F	G 1/2" F	105
11901		4,0	132,73	0,30	4 252	62	G 1/2" F	G 1/2" F	105
11903		6,0	132,73	0,30	5 208	62	G 1/2" F	G 1/2" F	105
18283		8,0	132,73	0,30	6 014	62	G 1/2" F	G 1/2" F	105
15383	G 3/4"	1,5	226,98	0,30	4 453	82	G 3/4" F	G 3/4" F	195
15384		2,0	226,98	0,30	5 142	82	G 3/4" F	G 3/4" F	195
15385		2,5	226,98	0,30	5 749	82	G 3/4" F	G 3/4" F	195
15386		3,0	226,98	0,30	6 298	82	G 3/4" F	G 3/4" F	195
15387		4,0	226,98	0,30	7 272	82	G 3/4" F	G 3/4" F	195
15388		6,0	226,98	0,30	8 906	82	G 3/4" F	G 3/4" F	195
18285		8,0	226,98	0,30	10 284	82	G 3/4" F	G 3/4" F	195
15396	G 1"	2,5	380,13	0,20	6 419	103	G 1" F	G 1" F	390
15397		3,0	380,13	0,20	7 031	103	G 1" F	G 1" F	390
15398		4,0	380,13	0,20	8 119	103	G 1" F	G 1" F	390
15399		6,0	380,13	0,20	9 944	103	G 1" F	G 1" F	390