



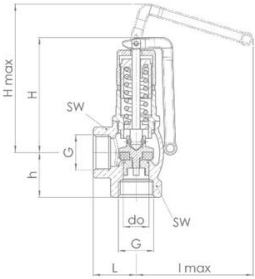
ECON® Spring-loaded safety valve Type 518 bronze low-lifting internal thread

Characteristics

Type: 518
Norm: ISO 4126-1
Model: Spring-loaded safety valve
Construction type: Angle Pattern
Housing material inlet side: Bronze
Material quality inlet side: CC499K
Housing material outlet side: Bronze
Material quality outlet side: CC499K
Connection inlet side: Internal thread [BSPP]
Standard connection inlet side: ISO 228-1
Connection outlet side: Internal thread [BSPP]

Characteristics [2]

Standard connection outlet side: ISO 228-1
Blow-off characteristic: Low-lifting
Gastight valve: No
Spring cap, closed: Yes
Material spring bonnet: Bronze
Material disc: Brass
Seat material: Brass
Bellows seal: No
Spring material: 1.4310
Spindle material: Brass
Medium temperature: -60 / 220 °C



DN BSPP	do mm	L mm	h mm	H mm	SW mm	Weight kg
½"	13	30	30	89	28	0.5
¾"	19	33	35	101	34	0.7
1"	25	40	41	119	41	1
1 ¼"	30	45	45	140	52	2
1 ½"	38	50	51	166	58	2.6
2"	50	60	60	172	70	3.6

Pressure range	Temperature range
0.2 - 20 barg	-60 °C - 220 °C
Note: Till 2.5 barg equipped with FPM (FKM) sealing (Tmax 150°C).	

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range bar	Valve bore mm	Valve lifter	Sealing	Article
						14488308
						14488313
						14488311
						14488312
						14488309
						14488310
1/2" [15]	1/2" [15]	0.5 / 2.5	13	Open	FPM	13480192
1/2" [15]	1/2" [15]	0.2 / 0.8	13	Open	FPM	13362330
1/2" [15]	1/2" [15]	14 / 20	13	Open	PTFE	13480160
1/2" [15]	1/2" [15]	8.5 / 12	13	Open	PTFE	13480158
1/2" [15]	1/2" [15]	11 / 15	13	Open	PTFE	13480159
1/2" [15]	1/2" [15]	2 / 6	13	Open	PTFE	13480156
1/2" [15]	1/2" [15]	5.5 / 9	13	Open	PTFE	13480157
3/4" [20]	3/4" [20]	0.5 / 2.5	19	Open	FPM	13480193
3/4" [20]	3/4" [20]	0.2 / 0.8	19	Open	FPM	13362365

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Safety Valves | Spring loaded safety valves with threaded connection

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range	Valve bore	Valve lifter	Sealing	Article
		bar	mm			
3/4" [20]	3/4" [20]	2 / 6	19	Open	PTFE	13480161
3/4" [20]	3/4" [20]	14 / 20	19	Open	PTFE	13480165
3/4" [20]	3/4" [20]	11 / 15	19	Open	PTFE	13480164
3/4" [20]	3/4" [20]	8.5 / 12	19	Open	PTFE	13480163
3/4" [20]	3/4" [20]	5.5 / 9	19	Open	PTFE	13480162
1" [25]	1" [25]	0.5 / 2.5	25	Open	FPM	13477674
1" [25]	1" [25]	0.2 / 0.8	25	Open	FPM	13362351
1" [25]	1" [25]	2 / 6	25	Open	PTFE	13480166
1" [25]	1" [25]	8.5 / 12	25	Open	PTFE	13480168
1" [25]	1" [25]	5.5 / 9	25	Open	PTFE	13480167
1" [25]	1" [25]	11 / 15	25	Open	PTFE	13480169
1" [25]	1" [25]	14 / 20	25	Open	PTFE	13480170
1.1/4" [32]	1.1/4" [32]	0.2 / 0.8	30	Open	FPM	13362344
1.1/4" [32]	1.1/4" [32]	0.5 / 2.5	30	Open	FPM	13480194
1.1/4" [32]	1.1/4" [32]	14 / 20	30	Open	PTFE	13480175
1.1/4" [32]	1.1/4" [32]	11 / 15	30	Open	PTFE	13480174
1.1/4" [32]	1.1/4" [32]	5.5 / 9	30	Open	PTFE	13480172
1.1/4" [32]	1.1/4" [32]	8.5 / 12	30	Open	PTFE	13480173
1.1/4" [32]	1.1/4" [32]	2 / 6	30	Open	PTFE	13480171
1.1/2" [40]	1.1/2" [40]	0.2 / 0.8	38	Open	FPM	13362337
1.1/2" [40]	1.1/2" [40]	0.5 / 2.5	38	Open	FPM	13480195
1.1/2" [40]	1.1/2" [40]	2 / 6	38	Open	PTFE	13480176
1.1/2" [40]	1.1/2" [40]	5.5 / 9	38	Open	PTFE	13480177
1.1/2" [40]	1.1/2" [40]	11 / 15	38	Open	PTFE	13480179
1.1/2" [40]	1.1/2" [40]	8.5 / 12	38	Open	PTFE	13480178
1.1/2" [40]	1.1/2" [40]	14 / 20	38	Open	PTFE	13480180
2" [50]	2" [50]	0.2 / 0.8	50	Open	FPM	13362358
2" [50]	2" [50]	0.5 / 2.5	50	Open	FPM	13477675
2" [50]	2" [50]	14 / 20	50	Open	PTFE	13480185
2" [50]	2" [50]	8.5 / 12	50	Open	PTFE	13480183
2" [50]	2" [50]	11 / 15	50	Open	PTFE	13480184
2" [50]	2" [50]	2 / 6	50	Open	PTFE	13480181
2" [50]	2" [50]	5.5 / 9	50	Open	PTFE	13480182

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