



ECON® Spring-loaded safety valve Type 512 bronze low-lifting gastight internal thread

Type 512 low-light safety device in a right-angled design with threaded connection.

The set pressure must be specified when ordering.

Characteristics

Type: 512
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)
Standard connection outlet side: ISO 228-1
Blow-off characteristic: Low-lifting
Gastight valve: Yes
Spring cap, closed: Yes

Material spring bonnet: Bronze

Material disc: Bronze

Seat material: Brass

Bellows seal: No

Spring material: 1.4310

Spindle material: Brass

Medium temperature: -60 / 220 °C

Application

- Saturated steam.
- Gasses.
- Vapours.
- Liquids.

Approval

- Certified according to PED 2014/68/EU.

Options

- Available with Lloyds adjustment certificate.

DN [" BSPP]	L [mm]	h [mm]	H [mm]	SW [mm]	Weight [kg]
1/2"	30	30	71	28	0.4
3/4"	33	35	79	34	0.6
1"	40	41	95	41	1
1 1/4"	45	45	110	52	1.75
1 1/2"	50	51	135	58	2.3
2"	60	60	140	70	3.3

Pressure range	Temperature range*
0,2 - 20 barg	-60 °C - 220 °C
* Uptil 2,5 barg executed with viton sealing (Tmax. 150 °C).	

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range bar	Valve bore mm	Valve lifter	Sealing	Article
						14488301
						14488302
						14488299
						14488300
						14488303
1/2" [15]	1/2" [15]	0.2 / 0.8	13	No	FPM	13362372
1/2" [15]	1/2" [15]	0.5 / 2.5	13	No	FPM	13480188

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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			
1/2" [15]	1/2" [15]	2 / 6	13	No	PTFE	13480126
1/2" [15]	1/2" [15]	11 / 15	13	No	PTFE	13480129
1/2" [15]	1/2" [15]	14 / 20	13	No	PTFE	13480130
1/2" [15]	1/2" [15]	5.5 / 9	13	No	PTFE	13480127
1/2" [15]	1/2" [15]	8.5 / 12	13	No	PTFE	13480128
3/4" [20]	3/4" [20]	0.2 / 0.8	19	No	FPM	13362406
3/4" [20]	3/4" [20]	0.5 / 2.5	19	No	FPM	13480189
3/4" [20]	3/4" [20]	14 / 20	19	No	PTFE	13480135
3/4" [20]	3/4" [20]	11 / 15	19	No	PTFE	13480134
3/4" [20]	3/4" [20]	2 / 6	19	No	PTFE	13480131
3/4" [20]	3/4" [20]	8.5 / 12	19	No	PTFE	13480133
3/4" [20]	3/4" [20]	5.5 / 9	19	No	PTFE	13480132
1" [25]	1" [25]	0.2 / 0.8	25	No	FPM	13362392
1" [25]	1" [25]	0.5 / 2.5	25	No	FPM	13477672
1" [25]	1" [25]	11 / 15	25	No	PTFE	13480139
1" [25]	1" [25]	8.5 / 12	25	No	PTFE	13480138
1" [25]	1" [25]	5.5 / 9	25	No	PTFE	13480137
1" [25]	1" [25]	2 / 6	25	No	PTFE	13480136
1" [25]	1" [25]	14 / 20	25	No	PTFE	13480140
1.1/4" [32]	1.1/4" [32]	0.5 / 2.5	30	No	FPM	13480190
1.1/4" [32]	1.1/4" [32]	0.2 / 0.8	30	No	FPM	13362385
1.1/4" [32]	1.1/4" [32]	14 / 20	30	No	PTFE	13480145
1.1/4" [32]	1.1/4" [32]	11 / 15	30	No	PTFE	13480144
1.1/4" [32]	1.1/4" [32]	2 / 6	30	No	PTFE	13480141
1.1/4" [32]	1.1/4" [32]	8.5 / 12	30	No	PTFE	13480143
1.1/4" [32]	1.1/4" [32]	5.5 / 9	30	No	PTFE	13480142
1.1/2" [40]	1.1/2" [40]	0.2 / 0.8	38	No	FPM	13362379
1.1/2" [40]	1.1/2" [40]	0.5 / 2.5	38	No	FPM	13480191
1.1/2" [40]	1.1/2" [40]	14 / 20	38	No	PTFE	13480150
1.1/2" [40]	1.1/2" [40]	5.5 / 9	38	No	PTFE	13480147
1.1/2" [40]	1.1/2" [40]	8.5 / 12	38	No	PTFE	13480148
1.1/2" [40]	1.1/2" [40]	11 / 15	38	No	PTFE	13480149
1.1/2" [40]	1.1/2" [40]	2 / 6	38	No	PTFE	13480146
2" [50]	2" [50]	0.5 / 2.5	50	No	FPM	13477673
2" [50]	2" [50]	0.2 / 0.8	50	No	FPM	13362399
2" [50]	2" [50]	5.5 / 9	50	No	PTFE	13480152
2" [50]	2" [50]	2 / 6	50	No	PTFE	13480151
2" [50]	2" [50]	11 / 15	50	No	PTFE	13480154
2" [50]	2" [50]	8.5 / 12	50	No	PTFE	13480153
2" [50]	2" [50]	14 / 20	50	No	PTFE	13480155

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