



ECON® Spring-loaded safety valve Type 1514 steel low-lifting internal/external thread

Type 1514 low-light safety device in a right-angled design.
The set pressure must be specified when ordering.

Characteristics

Type: 1514
Model: Spring-loaded safety valve
Construction type: Angle Pattern
Housing material inlet side: Steel
Material quality inlet side: St 52-3 N [1.0576]
Housing material outlet side: Steel
Material quality outlet side: St 52-3 N [1.0576]
Connection inlet side: External thread [NPT]
Standard connection inlet side: ISO 228-1
Connection outlet side: Internal thread [NPT]
Standard connection outlet side: ISO 228-1
Blow-off characteristic: Low-lifting
Gastight valve: Yes
Spring cap, closed: Yes
Material spring bonnet: St 52-3 N [1.0576]

Material disc: 1.4021
Seat material: 1.4057
Spring material: Spring steel
Spindle material: 1.4057
Medium temperature: 0 / 160 °C

Application

- Liquids (thermal expansion).
- Also suitable as an overflow.

Approval

- PED-2014/68/EC-certified.

Options

- Available with Lloyds adjustment certificate.
- Optionally available with inner wire connection in NPT.



Size table:

DN	d0	L1	L2	L3	H	Weight
mm	mm	mm	mm	mm	mm	kg
3/8"	8	45	48	15	128	1.02
1/2"	10	45	48	15	128	1.04
3/4"	15	57	56	18	129	1.64
1"	20	62	62	22	129	2
1.1/4"	25	67	70	25	142	2.6
1.1/2"	30	78	72	25	145	4.3
2"	40	90	85	28	160	5.8

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range	Valve bore	Valve lifter	Sealing	Article
		bar	mm			
3/8" [10]	3/8" [10]	1 / 5	8	No	FPM	13479532

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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 bar	Valve bore mm	Valve lifter	Sealing	Article
3/8" [10]	3/8" [10]	10 / 20	8	No	FPM	13479534
3/8" [10]	3/8" [10]	5 / 10	8	No	FPM	13479533
3/8" [10]	3/8" [10]	5 / 10	8	No	FPM	13479554
3/8" [10]	3/8" [10]	10 / 20	8	No	FPM	13479555
3/8" [10]	3/8" [10]	1 / 5	8	No	FPM	13479553
1/2" [15]	1/2" [15]	5 / 10	10	No	FPM	13479536
1/2" [15]	1/2" [15]	1 / 5	10	No	FPM	13479535
1/2" [15]	1/2" [15]	10 / 20	10	No	FPM	13479537
1/2" [15]	1/2" [15]	5 / 10	10	No	FPM	13479557
1/2" [15]	1/2" [15]	10 / 20	10	No	FPM	13479558
1/2" [15]	1/2" [15]	1 / 5	10	No	FPM	13479556
3/4" [20]	3/4" [20]	1 / 5	15	No	FPM	13479538
3/4" [20]	3/4" [20]	5 / 10	15	No	FPM	13479539
3/4" [20]	3/4" [20]	10 / 20	15	No	FPM	13479540
3/4" [20]	3/4" [20]	1 / 5	15	No	FPM	13479559
3/4" [20]	3/4" [20]	10 / 20	15	No	FPM	13479561
3/4" [20]	3/4" [20]	5 / 10	15	No	FPM	13479560
1" [25]	1" [25]	5 / 10	20	No	FPM	13479542
1" [25]	1" [25]	1 / 5	20	No	FPM	13479541
1" [25]	1" [25]	10 / 20	20	No	FPM	13479543
1" [25]	1" [25]	1 / 5	20	No	FPM	13479562
1" [25]	1" [25]	5 / 10	20	No	FPM	13479563
1" [25]	1" [25]	10 / 20	20	No	FPM	13479564
1.1/4" [32]	1.1/4" [32]	1 / 5	25	No	FPM	13479544
1.1/4" [32]	1.1/4" [32]	10 / 20	25	No	FPM	13479546
1.1/4" [32]	1.1/4" [32]	5 / 10	25	No	FPM	13479545
1.1/4" [32]	1.1/4" [32]	5 / 10	25	No	FPM	13479566
1.1/4" [32]	1.1/4" [32]	1 / 5	25	No	FPM	13479565
1.1/4" [32]	1.1/4" [32]	10 / 20	25	No	FPM	13479567
1.1/2" [40]	1.1/2" [40]	10 / 20	30	No	FPM	13479549
1.1/2" [40]	1.1/2" [40]	1 / 5	30	No	FPM	13479547
1.1/2" [40]	1.1/2" [40]	5 / 10	30	No	FPM	13479548
1.1/2" [40]	1.1/2" [40]	5 / 10	30	No	FPM	13479569
1.1/2" [40]	1.1/2" [40]	1 / 5	30	No	FPM	13479568
1.1/2" [40]	1.1/2" [40]	10 / 20	30	No	FPM	13479570
2" [50]	2" [50]	5 / 10	40	No	FPM	13479551
2" [50]	2" [50]	10 / 20	40	No	FPM	13479552
2" [50]	2" [50]	1 / 5	40	No	FPM	13479550
2" [50]	2" [50]	1 / 5	40	No	FPM	13479571
2" [50]	2" [50]	5 / 10	40	No	FPM	13479572
2" [50]	2" [50]	10 / 20	40	No	FPM	13479573

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