



LESER Spring-loaded safety valve Type 1550 series 441 stainless steel high-lifting flange

High-luminosity spring retainer made of stainless steel.
The set pressure must be specified when ordering.

Characteristics

Series: 441
Type: 1550
Norm: ISO 4126-1
Model: Spring-loaded safety valve
Construction type: Angle Pattern
Housing material inlet side: Stainless steel
Material quality inlet side: 1.4408
Housing material outlet side: Stainless steel
Material quality outlet side: 1.4408
Connection inlet side: Flange
Pressure rating inlet side: PN40
Standard connection inlet side: EN 1092-1
Connection outlet side: Flange
Pressure rating outlet side: PN16
Standard connection outlet side: EN 1092-1
Flange finish: Raised face
Blow-off characteristic: High-lifting
Gastight valve: Yes
Spring cap, closed: Yes
Material spring bonnet: Stainless steel
Material disc: 1.4404
Seat material: 1.4404

Bellows seal: No

Spring material: 1.4310

Spindle material: 1.4404

Medium temperature: -270 / 400 °C

Application

- Gasses.
- Vapours (including steam).
- With large quantities, can also be used for liquids.

Technical Information

- O-ring seal on valve.

Approval

Available with type approval from:

- BV.
- DNV.
- ABS.
- Lloyds.
- RINA
- EAK.

Options

- Stainless steel bellows.

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range	Valve bore	Valve lifter	Sealing	Article
		bar	mm			
DN25	DN40	0.98 / 1.38	23	No	Metal	13478453
DN25	DN40	0.38 / 0.5	23	No	Metal	13478450
DN25	DN40	2.08 / 2.62	23	No	Metal	13478455
DN25	DN40	3.34 / 5.34	23	No	Metal	13478457
DN25	DN40	0.51 / 0.69	23	No	Metal	13478451
DN25	DN40	0.7 / 0.97	23	No	Metal	13478452
DN25	DN40	33.01 / 40	23	No	Metal	13478465
DN25	DN40	19.51 / 22.1	23	No	Metal	13478462
DN25	DN40	5.35 / 9	23	No	Metal	13478458
DN25	DN40	1.39 / 2.07	23	No	Metal	13478454
DN25	DN40	12.01 / 15.2	23	No	Metal	13478460
DN25	DN40	22.11 / 27.1	23	No	Metal	13478463
DN25	DN40	0.2 / 0.37	23	No	Metal	13478449
DN25	DN40	9.01 / 12	23	No	Metal	13478459
DN25	DN40	2.63 / 3.33	23	No	Metal	13478456
DN25	DN40	15.21 / 19.5	23	No	Metal	13478461
DN25	DN40	27.01 / 33	23	No	Metal	13478464
DN32	DN50	0.34 / 0.5	29	No	Metal	13478469

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Safety Valves | Spring loaded safety valves with flanged connection

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range bar	Valve bore mm	Valve lifter	Sealing	Article
DN32	DN50	12.81 / 16.5	29	No	Metal	13478480
DN32	DN50	16.51 / 21	29	No	Metal	13478481
DN32	DN50	0.6 / 0.85	29	No	Metal	13478471
DN32	DN50	3.01 / 4.2	29	No	Metal	13478475
DN32	DN50	0.51 / 0.59	29	No	Metal	13478470
DN32	DN50	0.2 / 0.26	29	No	Metal	13478467
DN32	DN50	27.01 / 31.6	29	No	Metal	13478483
DN32	DN50	4.21 / 6.2	29	No	Metal	13478476
DN32	DN50	21.01 / 27	29	No	Metal	13478482
DN32	DN50	8.51 / 10	29	No	Metal	13478478
DN32	DN50	31.61 / 37	29	No	Metal	13478484
DN32	DN50	37.01 / 40	29	No	Metal	13478485
DN32	DN50	10.01 / 12.8	29	No	Metal	13478479
DN32	DN50	2.26 / 3	29	No	Metal	13478474
DN32	DN50	0.27 / 0.33	29	No	Metal	13478468
DN32	DN50	1.41 / 2.25	29	No	Metal	13478473
DN32	DN50	0.1 / 0.19	29	No	Metal	13478466
DN32	DN50	0.86 / 1.4	29	No	Metal	13478472
DN32	DN50	6.21 / 8.5	29	No	Metal	13478477
DN40	DN65	25.51 / 25.6	37	No	Metal	13478500
DN40	DN65	33.51 / 36.6	37	No	Metal	13478502
DN40	DN65	0.1 / 0.21	37	No	Metal	13478486
DN40	DN65	0.51 / 0.8	37	No	Metal	13478489
DN40	DN65	26.61 / 33.5	37	No	Metal	13478501
DN40	DN65	1.76 / 2.2	37	No	Metal	13478492
DN40	DN65	0.22 / 0.32	37	No	Metal	13478487
DN40	DN65	2.21 / 2.9	37	No	Metal	13478493
DN40	DN65	10.01 / 15.5	37	No	Metal	13478497
DN40	DN65	4.11 / 6.2	37	No	Metal	13478495
DN40	DN65	15.51 / 20	37	No	Metal	13478498
DN40	DN65	20.01 / 25.5	37	No	Metal	13478499
DN40	DN65	36.61 / 40	37	No	Metal	13478503
DN40	DN65	6.21 / 10	37	No	Metal	13478496
DN40	DN65	0.81 / 1.1	37	No	Metal	13478490
DN40	DN65	0.33 / 0.5	37	No	Metal	13478488
DN40	DN65	1.11 / 1.75	37	No	Metal	13478491
DN40	DN65	2.91 / 4.1	37	No	Metal	13478494
DN50	DN80	3.91 / 5.8	46	No	Metal	13478511
DN50	DN80	21.51 / 26.5	46	No	Metal	13478517
DN50	DN80	14.51 / 19	46	No	Metal	13478515
DN50	DN80	19.01 / 21.5	46	No	Metal	13478516
DN50	DN80	0.51 / 0.8	46	No	Metal	13478506
DN50	DN80	10.71 / 14.5	46	No	Metal	13478514
DN50	DN80	0.13 / 0.22	46	No	Metal	13478504
DN50	DN80	5.81 / 8.6	46	No	Metal	13478512
DN50	DN80	1.81 / 2.6	46	No	Metal	13478509
DN50	DN80	1.21 / 1.8	46	No	Metal	13478508
DN50	DN80	8.61 / 10.7	46	No	Metal	13478513
DN50	DN80	0.81 / 1.2	46	No	Metal	13478507
DN50	DN80	26.51 / 33	46	No	Metal	13478518
DN50	DN80	0.23 / 0.5	46	No	Metal	13478505
DN50	DN80	2.61 / 3.9	46	No	Metal	13478510

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Safety Valves | Spring loaded safety valves with flanged connection

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range	Valve bore	Valve lifter	Sealing	Article
		bar	mm			
DN65	DN100	5 / 9	60	No	Metal	13478527
DN65	DN100	3.36 / 4.99	60	No	Metal	13478526
DN65	DN100	13.91 / 16	60	No	Metal	13478529
DN65	DN100	0.51 / 0.61	60	No	Metal	13478521
DN65	DN100	0.9 / 1.49	60	No	Metal	13478523
DN65	DN100	23.11 / 28	60	No	Metal	13478532
DN65	DN100	0.22 / 0.28	60	No	Metal	13478519
DN65	DN100	9.01 / 13.9	60	No	Metal	13478528
DN65	DN100	2.5 / 3.35	60	No	Metal	13478525
DN65	DN100	0.62 / 0.89	60	No	Metal	13478522
DN65	DN100	16.01 / 18.3	60	No	Metal	13478530
DN65	DN100	1.5 / 2.49	60	No	Metal	13478524
DN65	DN100	0.29 / 0.5	60	No	Metal	13478520
DN65	DN100	18.31 / 23.1	60	No	Metal	13478531
DN80	DN125	7.51 / 10.6	74	No	Metal	13478543
DN80	DN125	0.65 / 1.04	74	No	Metal	13478537
DN80	DN125	3.21 / 5.5	74	No	Metal	13478541
DN80	DN125	10.61 / 13.6	74	No	Metal	13478544
DN80	DN125	1.51 / 2.3	74	No	Metal	13478539
DN80	DN125	0.26 / 0.35	74	No	Metal	13478534
DN80	DN125	0.5 / 0.64	74	No	Metal	13478536
DN80	DN125	0.15 / 0.25	74	No	Metal	13478533
DN80	DN125	0.36 / 0.49	74	No	Metal	13478535
DN80	DN125	5.51 / 7.5	74	No	Metal	13478542
DN80	DN125	2.31 / 3.2	74	No	Metal	13478540
DN80	DN125	1.05 / 1.5	74	No	Metal	13478538
DN100	DN150	5.94 / 8.4	92	No	Metal	13478554
DN100	DN150	0.77 / 1.17	92	No	Metal	13478549
DN100	DN150	4.16 / 5.93	92	No	Metal	13478553
DN100	DN150	0.1 / 0.21	92	No	Metal	13478545
DN100	DN150	0.33 / 0.49	92	No	Metal	13478547
DN100	DN150	1.8 / 2.73	92	No	Metal	13478551
DN100	DN150	16.01 / 20	92	No	Metal	13478557
DN100	DN150	2.74 / 4.15	92	No	Metal	13478552
DN100	DN150	0.5 / 0.76	92	No	Metal	13478548
DN100	DN150	8.41 / 10.4	92	No	Metal	13478555
DN100	DN150	10.41 / 16	92	No	Metal	13478556
DN100	DN150	0.22 / 0.32	92	No	Metal	13478546
DN100	DN150	1.18 / 1.79	92	No	Metal	13478550
DN125	DN200	0.25 / 0.35	98	No	Metal	13478560
DN125	DN200	0.2 / 0.24	98	No	Metal	13478559
DN125	DN200	6.01 / 7.5	98	No	Metal	13478569
DN125	DN200	15.01 / 17.7	98	No	Metal	13478572
DN125	DN200	0.52 / 0.67	98	No	Metal	13478562
DN125	DN200	0.1 / 0.19	98	No	Metal	13478558
DN125	DN200	0.91 / 1.4	98	No	Metal	13478564
DN125	DN200	2.91 / 4.5	98	No	Metal	13478567
DN125	DN200	7.51 / 10.4	98	No	Metal	13478570
DN125	DN200	0.68 / 0.9	98	No	Metal	13478563
DN125	DN200	4.51 / 6	98	No	Metal	13478568
DN125	DN200	10.41 / 15	98	No	Metal	13478571
DN125	DN200	2.01 / 2.9	98	No	Metal	13478566

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DN125	DN200	1.41 / 2	98	No	Metal	13478565
DN125	DN200	0.36 / 0.51	98	No	Metal	13478561
DN150	DN250	0.3 / 0.49	125	No	Metal	13478573
DN150	DN250	5.51 / 7	125	No	Metal	13478581
DN150	DN250	1 / 1.44	125	No	Metal	13478576
DN150	DN250	2.61 / 3.8	125	No	Metal	13478579
DN150	DN250	1.81 / 2.6	125	No	Metal	13478578
DN150	DN250	3.81 / 5.5	125	No	Metal	13478580
DN150	DN250	1.45 / 1.8	125	No	Metal	13478577
DN150	DN250	0.5 / 0.69	125	No	Metal	13478574
DN150	DN250	0.7 / 0.99	125	No	Metal	13478575
DN25	DN40	0.1 / 0.19	23	No	Metal	13478448

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