



LESER Spring-loaded safety valve Type 1547 series 433 stainless steel low-lifting flange

Characteristics

Series: 433
Type: 1547
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
Connection outlet side: Flange

Characteristics [2]

Pressure rating outlet side: PN40
Blow-off characteristic: Low-lifting
Gastight valve: Yes
Spring cap, closed: Yes
Material spring bonnet: 1.4408
Material disc: 1.4404
Seat material: 1.4404
Spring material: 1.4310
Spindle material: 1.4404
Medium temperature: -270 / 400 °C

Inlet DN [mm]	Inlet PN	Outlet DN mm	Outlet PN	d0 mm	A0 [mm ²]	Max. set press. [bar]	a mm	b mm	H mm	Weight [kg]
15	40	15	40	12	113	40	90	90	215	5
20	40	20	40	18	254	40	95	95	215	6
25	40	25	40	18	254	40	100	100	215	6
32	40	32	40	18	254	40	105	105	215	8
40	40	40	40	23	416	40	115	115	215	9
50	40	50	40	29	661	40	125	125	230	12
65	40	65	40	37	1075	26	145	145	321	15
80	40	80	40	46	1662	25	155	155	366	20
100	40	100	40	60	2827	22	175	175	406	33

Press. range

0,2 to 40 barg

Temperature range

-270 °C / +400° C

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range bar	Valve bore mm	Valve lifter	Sealing	Article
DN15	DN15	2.96 / 4.4	12	Closed	Metal	13710673
DN15	DN15	4.41 / 6	12	Closed	Metal	13710674
DN15	DN15	0.71 / 0.9	12	Closed	Metal	13710669
DN15	DN15	0.91 / 1.33	12	Closed	Metal	13710670
DN15	DN15	11.31 / 16	12	Closed	Metal	13710677
DN15	DN15	16.01 / 22	12	Closed	Metal	13710678
DN15	DN15	1.34 / 1.96	12	Closed	Metal	13710671
DN15	DN15	6.01 / 8.4	12	Closed	Metal	13710675
DN15	DN15	0.3 / 0.35	12	Closed	Metal	13710666
DN15	DN15	30.41 / 40	12	Closed	Metal	13710680
DN15	DN15	0.36 / 0.49	12	Closed	Metal	13710667

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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
DN15	DN15	8.41 / 11.3	12	Closed	Metal	13710676
DN15	DN15	0.5 / 0.7	12	Closed	Metal	13710668
DN15	DN15	22.01 / 30.4	12	Closed	Metal	13710679
DN15	DN15	1.97 / 2.95	12	Closed	Metal	13710672
DN20	DN20	18.61 / 24	18	Closed	Metal	13479414
DN20	DN20	0.51 / 0.85	18	Closed	Metal	13479404
DN20	DN20	2.4 / 3.39	18	Closed	Metal	13479408
DN20	DN20	1.7 / 2.39	18	Closed	Metal	13479407
DN20	DN20	28.41 / 33.9	18	Closed	Metal	13479416
DN20	DN20	0.2 / 0.23	18	Closed	Metal	13479401
DN20	DN20	6.41 / 9.2	18	Closed	Metal	13479411
DN20	DN20	3.4 / 4.49	18	Closed	Metal	13479409
DN20	DN20	0.31 / 0.5	18	Closed	Metal	13479403
DN20	DN20	9.21 / 12.8	18	Closed	Metal	13479412
DN20	DN20	12.81 / 18.6	18	Closed	Metal	13479413
DN20	DN20	0.24 / 0.3	18	Closed	Metal	13479402
DN20	DN20	0.86 / 1.19	18	Closed	Metal	13479405
DN20	DN20	1.2 / 1.69	18	Closed	Metal	13479406
DN20	DN20	24.01 / 28.4	18	Closed	Metal	13479415
DN20	DN20	33.91 / 40	18	Closed	Metal	13479417
DN20	DN20	4.5 / 6.4	18	Closed	Metal	13479410
DN25	DN25	1.2 / 1.69	18	Closed	Metal	13479423
DN25	DN25	4.5 / 6.4	18	Closed	Metal	13479427
DN25	DN25	18.61 / 24	18	Closed	Metal	13479431
DN25	DN25	9.21 / 12.8	18	Closed	Metal	13479429
DN25	DN25	12.81 / 18.6	18	Closed	Metal	13479430
DN25	DN25	2.4 / 3.39	18	Closed	Metal	13479425
DN25	DN25	6.41 / 9.2	18	Closed	Metal	13479428
DN25	DN25	33.91 / 40	18	Closed	Metal	13479434
DN25	DN25	0.86 / 1.19	18	Closed	Metal	13479422
DN25	DN25	24.01 / 28.4	18	Closed	Metal	13479432
DN25	DN25	0.24 / 0.3	18	Closed	Metal	13479419
DN25	DN25	28.41 / 33.9	18	Closed	Metal	13479433
DN25	DN25	0.2 / 0.23	18	Closed	Metal	13479418
DN25	DN25	3.4 / 4.49	18	Closed	Metal	13479426
DN25	DN25	0.51 / 0.85	18	Closed	Metal	13479421
DN25	DN25	0.31 / 0.5	18	Closed	Metal	13479420
DN25	DN25	1.7 / 2.39	18	Closed	Metal	13479424
DN32	DN32	33.91 / 40	18	Closed	Metal	13479452
DN32	DN32	19.71 / 24	18	Closed	Metal	13479449
DN32	DN32	0.31 / 0.42	18	Closed	Metal	13479436
DN32	DN32	5.71 / 7.8	18	Closed	Metal	13479445
DN32	DN32	0.81 / 0.99	18	Closed	Metal	13479439
DN32	DN32	0.59 / 0.8	18	Closed	Metal	13479438
DN32	DN32	3.1 / 4.09	18	Closed	Metal	13479443
DN32	DN32	24.01 / 28.5	18	Closed	Metal	13479450
DN32	DN32	0.43 / 0.58	18	Closed	Metal	13479437
DN32	DN32	7.81 / 11.4	18	Closed	Metal	13479446
DN32	DN32	1 / 1.49	18	Closed	Metal	13479440
DN32	DN32	15.41 / 19.7	18	Closed	Metal	13479448
DN32	DN32	1.5 / 2.19	18	Closed	Metal	13479441
DN32	DN32	2.2 / 3.09	18	Closed	Metal	13479442

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Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range bar	Valve bore mm	Valve lifter	Sealing	Article
DN32	DN32	11.41 / 15.4	18	Closed	Metal	13479447
DN32	DN32	4.1 / 5.7	18	Closed	Metal	13479444
DN32	DN32	28.51 / 33.9	18	Closed	Metal	13479451
DN32	DN32	0.24 / 0.3	18	Closed	Metal	13479435
DN40	DN40	1.81 / 2.55	23	Closed	Metal	13479460
DN40	DN40	1.28 / 1.8	23	Closed	Metal	13479459
DN40	DN40	2.56 / 3.6	23	Closed	Metal	13479461
DN40	DN40	7.19 / 10.1	23	Closed	Metal	13479464
DN40	DN40	30.81 / 40	23	Closed	Metal	13479469
DN40	DN40	0.24 / 0.34	23	Closed	Metal	13479454
DN40	DN40	0.5 / 0.63	23	Closed	Metal	13479456
DN40	DN40	0.64 / 0.9	23	Closed	Metal	13479457
DN40	DN40	0.91 / 1.27	23	Closed	Metal	13479458
DN40	DN40	0.35 / 0.49	23	Closed	Metal	13479455
DN40	DN40	20.21 / 23.6	23	Closed	Metal	13479467
DN40	DN40	23.61 / 30.8	23	Closed	Metal	13479468
DN40	DN40	10.11 / 14.3	23	Closed	Metal	13479465
DN40	DN40	0.2 / 0.23	23	Closed	Metal	13479453
DN40	DN40	14.31 / 20.2	23	Closed	Metal	13479466
DN40	DN40	5.09 / 7.18	23	Closed	Metal	13479463
DN40	DN40	3.61 / 5.08	23	Closed	Metal	13479462
DN50	DN50	1.91 / 2.6	29	Closed	Metal	13479477
DN50	DN50	0.35 / 0.49	29	Closed	Metal	13479472
DN50	DN50	3.71 / 4.9	29	Closed	Metal	13479479
DN50	DN50	28.61 / 31.6	29	Closed	Metal	13479487
DN50	DN50	9.31 / 12	29	Closed	Metal	13479482
DN50	DN50	0.2 / 0.23	29	Closed	Metal	13479470
DN50	DN50	12.01 / 16.4	29	Closed	Metal	13479483
DN50	DN50	20.51 / 24.6	29	Closed	Metal	13479485
DN50	DN50	24.61 / 28.6	29	Closed	Metal	13479486
DN50	DN50	0.91 / 1.24	29	Closed	Metal	13479475
DN50	DN50	0.24 / 0.34	29	Closed	Metal	13479471
DN50	DN50	2.61 / 3.7	29	Closed	Metal	13479478
DN50	DN50	1.25 / 1.9	29	Closed	Metal	13479476
DN50	DN50	16.41 / 20.5	29	Closed	Metal	13479484
DN50	DN50	0.5 / 0.63	29	Closed	Metal	13479473
DN50	DN50	0.64 / 0.9	29	Closed	Metal	13479474
DN50	DN50	4.91 / 7	29	Closed	Metal	13479480
DN50	DN50	7.01 / 9.3	29	Closed	Metal	13479481
DN65	DN65	0.91 / 1.27	37	Closed	Metal	13479493
DN65	DN65	1.81 / 2.55	37	Closed	Metal	13479495
DN65	DN65	0.35 / 0.49	37	Closed	Metal	13479490
DN65	DN65	0.64 / 0.9	37	Closed	Metal	13479492
DN65	DN65	0.24 / 0.34	37	Closed	Metal	13479489
DN65	DN65	14.31 / 20.2	37	Closed	Metal	13479501
DN65	DN65	26.71 / 31	37	Closed	Metal	13479503
DN65	DN65	7.19 / 10.1	37	Closed	Metal	13479499
DN65	DN65	1.28 / 1.8	37	Closed	Metal	13479494
DN65	DN65	0.5 / 0.63	37	Closed	Metal	13479491
DN65	DN65	2.56 / 3.6	37	Closed	Metal	13479496
DN65	DN65	3.61 / 5.08	37	Closed	Metal	13479497
DN65	DN65	0.2 / 0.23	37	Closed	Metal	13479488

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Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range bar	Valve bore mm	Valve lifter	Sealing	Article
DN65	DN65	5.09 / 7.18	37	Closed	Metal	13479498
DN65	DN65	10.11 / 14.3	37	Closed	Metal	13479500
DN65	DN65	20.21 / 24	37	Closed	Metal	13479502
DN80	DN80	0.35 / 0.49	46	Closed	Metal	13479506
DN80	DN80	1.28 / 1.8	46	Closed	Metal	13479510
DN80	DN80	0.64 / 0.9	46	Closed	Metal	13479508
DN80	DN80	20.11 / 25	46	Closed	Metal	13479518
DN80	DN80	10.11 / 14.3	46	Closed	Metal	13479516
DN80	DN80	0.5 / 0.63	46	Closed	Metal	13479507
DN80	DN80	0.91 / 1.27	46	Closed	Metal	13479509
DN80	DN80	0.2 / 0.23	46	Closed	Metal	13479504
DN80	DN80	1.81 / 2.55	46	Closed	Metal	13479511
DN80	DN80	14.4 / 20.1	46	Closed	Metal	13479517
DN80	DN80	3.61 / 5.08	46	Closed	Metal	13479513
DN80	DN80	7.19 / 10.1	46	Closed	Metal	13479515
DN80	DN80	2.56 / 3.6	46	Closed	Metal	13479512
DN80	DN80	0.24 / 0.34	46	Closed	Metal	13479505
DN80	DN80	5.09 / 7.18	46	Closed	Metal	13479514
DN100	DN100	0.5 / 0.75	60	Closed	Metal	13479521
DN100	DN100	0.33 / 0.49	60	Closed	Metal	13479520
DN100	DN100	13.01 / 18	60	Closed	Metal	13479530
DN100	DN100	7.86 / 9.3	60	Closed	Metal	13479528
DN100	DN100	2.61 / 3.45	60	Closed	Metal	13479525
DN100	DN100	0.2 / 0.32	60	Closed	Metal	13479519
DN100	DN100	3.46 / 5.2	60	Closed	Metal	13479526
DN100	DN100	0.76 / 1.2	60	Closed	Metal	13479522
DN100	DN100	1.86 / 2.6	60	Closed	Metal	13479524
DN100	DN100	9.31 / 13	60	Closed	Metal	13479529
DN100	DN100	5.21 / 7.85	60	Closed	Metal	13479527
DN100	DN100	1.21 / 1.85	60	Closed	Metal	13479523
DN100	DN100	18.01 / 22	60	Closed	Metal	13479531

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