



LESER Spring-loaded safety valve Type 1542 series 433 stainless steel low-lifting flange

Characteristics

Series: 433
Type: 1542
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	200	5
20	40	20	40	18	254	40	95	95	200	6
25	40	25	40	18	254	40	100	100	200	6
32	40	32	40	18	254	40	105	105	200	8
40	40	40	40	23	416	40	115	115	200	9
50	40	50	40	29	661	40	125	125	210	12
65	40	65	40	37	1075	26	145	145	315	15
80	40	80	40	46	1662	25	155	155	360	20
100	40	100	40	60	2827	22	175	175	400	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	6.01 / 8.4	12	No	Metal	13710690
DN15	DN15	8.41 / 11.3	12	No	Metal	13710691
DN15	DN15	0.71 / 0.9	12	No	Metal	13710684
DN15	DN15	11.31 / 16	12	No	Metal	13710692
DN15	DN15	4.41 / 6	12	No	Metal	13710689
DN15	DN15	30.41 / 40	12	No	Metal	13710695
DN15	DN15	0.5 / 0.7	12	No	Metal	13710683
DN15	DN15	2.96 / 4.4	12	No	Metal	13710688
DN15	DN15	1.34 / 1.96	12	No	Metal	13710686
DN15	DN15	16.01 / 22	12	No	Metal	13710693
DN15	DN15	0.36 / 0.49	12	No	Metal	13710682

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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	1.97 / 2.95	12	No	Metal	13710687
DN15	DN15	22.01 / 30.4	12	No	Metal	13710694
DN15	DN15	0.91 / 1.33	12	No	Metal	13710685
DN15	DN15	0.3 / 0.35	12	No	Metal	13710681
DN20	DN20	4.5 / 6.4	18	No	Metal	13479266
DN20	DN20	6.41 / 9.2	18	No	Metal	13479267
DN20	DN20	0.24 / 0.3	18	No	Metal	13479258
DN20	DN20	33.91 / 40	18	No	Metal	13479273
DN20	DN20	3.4 / 4.49	18	No	Metal	13479265
DN20	DN20	9.21 / 12.8	18	No	Metal	13479268
DN20	DN20	28.41 / 33.9	18	No	Metal	13479272
DN20	DN20	2.4 / 3.39	18	No	Metal	13479264
DN20	DN20	0.31 / 0.5	18	No	Metal	13479259
DN20	DN20	0.2 / 0.23	18	No	Metal	13479257
DN20	DN20	1.2 / 1.69	18	No	Metal	13479262
DN20	DN20	1.7 / 2.39	18	No	Metal	13479263
DN20	DN20	0.86 / 1.19	18	No	Metal	13479261
DN20	DN20	12.81 / 18.6	18	No	Metal	13479269
DN20	DN20	0.51 / 0.85	18	No	Metal	13479260
DN20	DN20	24.01 / 28.4	18	No	Metal	13479271
DN20	DN20	18.61 / 24	18	No	Metal	13479270
DN25	DN25	12.81 / 18.6	18	No	Metal	13479285
DN25	DN25	0.24 / 0.3	18	No	Metal	13479275
DN25	DN25	1.2 / 1.69	18	No	Metal	13479279
DN25	DN25	33.91 / 40	18	No	Metal	13479289
DN25	DN25	0.2 / 0.23	18	No	Metal	13479274
DN25	DN25	24.01 / 28.4	18	No	Metal	13479287
DN25	DN25	18.61 / 24	18	No	Metal	13479286
DN25	DN25	2.4 / 3.39	18	No	Metal	13479281
DN25	DN25	6.41 / 9.2	18	No	Metal	13481915
DN25	DN25	3.4 / 4.49	18	No	Metal	13479282
DN25	DN25	1.7 / 2.39	18	No	Metal	13479280
DN25	DN25	0.51 / 0.85	18	No	Metal	13479277
DN25	DN25	9.21 / 12.8	18	No	Metal	13479284
DN25	DN25	0.31 / 0.5	18	No	Metal	13479276
DN25	DN25	4.5 / 6.4	18	No	Metal	13479283
DN25	DN25	0.86 / 1.19	18	No	Metal	13479278
DN25	DN25	28.41 / 33.9	18	No	Metal	13479288
DN32	DN32	19.71 / 24	18	No	Metal	13479304
DN32	DN32	24.01 / 28.5	18	No	Metal	13479305
DN32	DN32	33.91 / 40	18	No	Metal	13479307
DN32	DN32	11.41 / 15.4	18	No	Metal	13479302
DN32	DN32	28.51 / 33.9	18	No	Metal	13479306
DN32	DN32	1.5 / 2.19	18	No	Metal	13479296
DN32	DN32	0.59 / 0.8	18	No	Metal	13479293
DN32	DN32	2.2 / 3.09	18	No	Metal	13479297
DN32	DN32	7.81 / 11.4	18	No	Metal	13479301
DN32	DN32	0.43 / 0.58	18	No	Metal	13479292
DN32	DN32	5.71 / 7.8	18	No	Metal	13479300
DN32	DN32	0.24 / 0.3	18	No	Metal	13479290
DN32	DN32	4.1 / 5.7	18	No	Metal	13479299
DN32	DN32	0.81 / 0.99	18	No	Metal	13479294

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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	DN32	1 / 1.49	18	No	Metal	13479295
DN32	DN32	0.31 / 0.42	18	No	Metal	13479291
DN32	DN32	3.1 / 4.09	18	No	Metal	13479298
DN32	DN32	15.41 / 19.7	18	No	Metal	13479303
DN40	DN40	30.81 / 40	23	No	Metal	13479324
DN40	DN40	1.81 / 2.55	23	No	Metal	13479315
DN40	DN40	7.19 / 10.1	23	No	Metal	13479319
DN40	DN40	23.61 / 30.8	23	No	Metal	13479323
DN40	DN40	0.24 / 0.34	23	No	Metal	13479309
DN40	DN40	20.21 / 23.6	23	No	Metal	13479322
DN40	DN40	0.35 / 0.49	23	No	Metal	13479310
DN40	DN40	0.64 / 0.9	23	No	Metal	13479312
DN40	DN40	14.31 / 20.2	23	No	Metal	13479321
DN40	DN40	0.2 / 0.23	23	No	Metal	13479308
DN40	DN40	10.11 / 14.3	23	No	Metal	13479320
DN40	DN40	5.09 / 7.18	23	No	Metal	13479318
DN40	DN40	1.28 / 1.8	23	No	Metal	13479314
DN40	DN40	0.5 / 0.63	23	No	Metal	13479311
DN40	DN40	2.56 / 3.6	23	No	Metal	13479316
DN40	DN40	0.91 / 1.27	23	No	Metal	13479313
DN40	DN40	3.61 / 5.08	23	No	Metal	13479317
DN50	DN50	0.64 / 0.9	29	No	Metal	13479329
DN50	DN50	0.5 / 0.63	29	No	Metal	13479328
DN50	DN50	1.25 / 1.9	29	No	Metal	13479331
DN50	DN50	0.35 / 0.49	29	No	Metal	13479327
DN50	DN50	9.31 / 12	29	No	Metal	13479337
DN50	DN50	0.24 / 0.34	29	No	Metal	13479326
DN50	DN50	24.61 / 28.6	29	No	Metal	13479341
DN50	DN50	28.61 / 31.6	29	No	Metal	13479342
DN50	DN50	7.01 / 9.3	29	No	Metal	13479336
DN50	DN50	2.61 / 3.7	29	No	Metal	13479333
DN50	DN50	0.91 / 1.24	29	No	Metal	13479330
DN50	DN50	20.51 / 24.6	29	No	Metal	13479340
DN50	DN50	3.71 / 4.9	29	No	Metal	13479334
DN50	DN50	16.41 / 20.5	29	No	Metal	13479339
DN50	DN50	1.91 / 2.6	29	No	Metal	13479332
DN50	DN50	12.01 / 16.4	29	No	Metal	13479338
DN50	DN50	0.2 / 0.23	29	No	Metal	13479325
DN50	DN50	4.91 / 7	29	No	Metal	13479335
DN65	DN65	26.71 / 31	37	No	Metal	13479358
DN65	DN65	0.91 / 1.27	37	No	Metal	13479348
DN65	DN65	0.2 / 0.23	37	No	Metal	13479343
DN65	DN65	20.21 / 24	37	No	Metal	13479357
DN65	DN65	0.5 / 0.63	37	No	Metal	13479346
DN65	DN65	1.28 / 1.8	37	No	Metal	13479349
DN65	DN65	10.11 / 14.3	37	No	Metal	13479355
DN65	DN65	14.31 / 20.2	37	No	Metal	13479356
DN65	DN65	0.64 / 0.9	37	No	Metal	13479347
DN65	DN65	2.56 / 3.6	37	No	Metal	13479351
DN65	DN65	3.61 / 5.08	37	No	Metal	13479352
DN65	DN65	7.19 / 10.1	37	No	Metal	13479354
DN65	DN65	0.35 / 0.49	37	No	Metal	13479345

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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	0.24 / 0.34	37	No	Metal	13479344
DN65	DN65	5.09 / 7.18	37	No	Metal	13479353
DN65	DN65	1.81 / 2.55	37	No	Metal	13479350
DN80	DN80	14.4 / 20.1	46	No	Metal	13479372
DN80	DN80	2.56 / 3.6	46	No	Metal	13479367
DN80	DN80	20.11 / 25	46	No	Metal	13479373
DN80	DN80	10.11 / 14.3	46	No	Metal	13479371
DN80	DN80	0.91 / 1.27	46	No	Metal	13479364
DN80	DN80	0.24 / 0.34	46	No	Metal	13479360
DN80	DN80	0.35 / 0.49	46	No	Metal	13479361
DN80	DN80	5.09 / 7.18	46	No	Metal	13479369
DN80	DN80	0.2 / 0.23	46	No	Metal	13479359
DN80	DN80	3.61 / 5.08	46	No	Metal	13479368
DN80	DN80	1.81 / 2.55	46	No	Metal	13479366
DN80	DN80	0.5 / 0.63	46	No	Metal	13479362
DN80	DN80	0.64 / 0.9	46	No	Metal	13479363
DN80	DN80	1.28 / 1.8	46	No	Metal	13479365
DN80	DN80	7.19 / 10.1	46	No	Metal	13479370
DN100	DN100	0.76 / 1.2	60	No	Metal	13479377
DN100	DN100	5.21 / 7.85	60	No	Metal	13479382
DN100	DN100	18.01 / 22	60	No	Metal	13479386
DN100	DN100	3.46 / 5.2	60	No	Metal	13479381
DN100	DN100	13.01 / 18	60	No	Metal	13479385
DN100	DN100	0.5 / 0.75	60	No	Metal	13479376
DN100	DN100	0.33 / 0.49	60	No	Metal	13479375
DN100	DN100	2.61 / 3.45	60	No	Metal	13479380
DN100	DN100	0.2 / 0.32	60	No	Metal	13479374
DN100	DN100	7.86 / 9.3	60	No	Metal	13479383
DN100	DN100	1.86 / 2.6	60	No	Metal	13479379
DN100	DN100	9.31 / 13	60	No	Metal	13479384
DN100	DN100	1.21 / 1.85	60	No	Metal	13479378

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