



LESER Spring-loaded safety valve Type 567 series 441 steel high-lifting flange

Type 567 high-luminosity steel safety device in a right-angled design with flange.

Set pressure range from 0.1 barg to 40.0 barg.

The set pressure must be specified when ordering.

Characteristics

Series: 441

Type: 567

Norm: ISO 4126-1

Model: Spring-loaded safety valve

Construction type: Angle Pattern

Housing material inlet side: Steel

Material quality inlet side: 1.0619

Housing material outlet side: Steel

Material quality outlet side: 1.0619

Connection inlet side: Flange

Pressure rating inlet side: PN40

Connection outlet side: Flange

Pressure rating outlet side: PN16

Flange finish: Raised face

Blow-off characteristic: High-lifting

Gastight valve: Yes

Spring cap, closed: Yes

Material spring bonnet: Ductile cast iron

Material disc: 1.4122

Seat material: 1.4404

Spring material: Spring steel

Spindle material: 1.4021

Medium temperature: -10 / 450 °C

Approval

- Bureau Veritas – BV.
- Det Norske Veritas – DNV
- Germanischer Lloyd – GL
- Lloyds Register EMEA – LREMEA.
- Registro Italiano Navale – RINA.
- American Bureau of Shipping – ABS.
- National Board – NB
- US Coast Guard – USCG.
- Eurasian Custom Union – EAC.
- NK Nippon.
- PED 97/23/EU.
- TÜV.
- ASME.

Options

- Stainless steel bellows.
- Elastomer bellows made of EPDM or NBR.
- Flanged connection according to ASME.
- XXL version up to and including DN400 inlet.
- O-ring seal on valve in: EPDM, CR, FKM or FKM.

Application

- Gasses.
- Vapours.
- Steam.
- Liquids [for large quantities].

Inlet		Outlet		d0	A0	Max. set pressure	a	b	H	Weight
DN	PN	DN	PN							
mm		mm		mm	[mm ²]	[bar]	mm	mm	mm	[kg]
20	40	40	16	18	254	40	95	85	219	9
25	40	40	16	25	491	40	100	105	233	9
32	40	50	16	29	661	40	110	115	325	12
40	40	65	16	37	1075	40	115	140	366	16
50	40	80	16	46	1662	40	120	150	413	22
65	40	100	16	60	2827	40	140	170	526	32
80	40	125	16	74	4301	32	160	195	603	56

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Safety Valves | Spring loaded safety valves with flanged connection

Inlet		Outlet		d0	A0	Max. set pressure	a	b	H	Weight
DN	PN	DN	PN							
mm		mm			mm	[mm2]	[bar]	mm	mm	mm [kg]
100	40	150	16	92	6648	40	180	220	660	75
125	40	200	16	98	7543	28	200	250	660	85
150	40	250	16	125	12272	17	225	285	735	131
200	25	300	16	165	21382	20	300	290	1090	285

Pressure range	Temperature range
0,1 tot 40 barg	-85° C / +450° C

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range	Valve bore	Valve lifter	Sealing	Article
		bar	mm			
DN20	DN40	27.41 / 32.2	18	Closed	Metal	13478098
DN20	DN40	0.38 / 0.54	18	Closed	Metal	13478086
DN20	DN40	0.85 / 1.3	18	Closed	Metal	13478088
DN20	DN40	0.55 / 0.84	18	Closed	Metal	13478087
DN20	DN40	0.27 / 0.37	18	Closed	Metal	13478085
DN20	DN40	21.71 / 27.4	18	Closed	Metal	13478097
DN20	DN40	0.2 / 0.26	18	Closed	Metal	13478084
DN20	DN40	4.51 / 6.5	18	Closed	Metal	13478093
DN20	DN40	6.51 / 9.4	18	Closed	Metal	13478094
DN20	DN40	15.21 / 21.7	18	Closed	Metal	13478096
DN20	DN40	1.8 / 2.25	18	Closed	Metal	13478090
DN20	DN40	1.31 / 1.79	18	Closed	Metal	13478089
DN20	DN40	32.21 / 40	18	Closed	Metal	13478099
DN20	DN40	9.41 / 15.2	18	Closed	Metal	13478095
DN20	DN40	3.25 / 4.5	18	Closed	Metal	13478092
DN20	DN40	2.26 / 3.24	18	Closed	Metal	13478091
DN20	DN40	0.1 / 0.19	18	Closed	Metal	13478083
DN25	DN40	0.51 / 0.69	23	Closed	Metal	13478103
DN25	DN40	19.51 / 22.1	23	Closed	Metal	13478114
DN25	DN40	0.1 / 0.19	23	Closed	Metal	13478100
DN25	DN40	3.34 / 5.34	23	Closed	Metal	13478109
DN25	DN40	22.11 / 27	23	Closed	Metal	13478115
DN25	DN40	15.21 / 19.5	23	Closed	Metal	13478113
DN25	DN40	0.2 / 0.37	23	Closed	Metal	13478101
DN25	DN40	5.35 / 9	23	Closed	Metal	13478110
DN25	DN40	9.01 / 12	23	Closed	Metal	13478111
DN25	DN40	0.38 / 0.5	23	Closed	Metal	13478102
DN25	DN40	12.01 / 15.2	23	Closed	Metal	13478112
DN25	DN40	2.63 / 3.33	23	Closed	Metal	13478108
DN25	DN40	27.01 / 33	23	Closed	Metal	13478116
DN25	DN40	1.39 / 2.07	23	Closed	Metal	13478106
DN25	DN40	33.01 / 40	23	Closed	Metal	13478117
DN25	DN40	2.08 / 2.62	23	Closed	Metal	13478107
DN25	DN40	0.7 / 0.97	23	Closed	Metal	13478104
DN25	DN40	0.98 / 1.38	23	Closed	Metal	13478105
DN32	DN50	37.01 / 40	29	Closed	Metal	13478137
DN32	DN50	1.41 / 2.25	29	Closed	Metal	13478125

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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	34.01 / 37	29	Closed	Metal	13478136
DN32	DN50	2.26 / 3	29	Closed	Metal	13478126
DN32	DN50	0.6 / 0.85	29	Closed	Metal	13478123
DN32	DN50	3.01 / 4.2	29	Closed	Metal	13478127
DN32	DN50	0.1 / 0.19	29	Closed	Metal	13478118
DN32	DN50	21.01 / 27	29	Closed	Metal	13478134
DN32	DN50	0.86 / 1.4	29	Closed	Metal	13478124
DN32	DN50	4.21 / 6.2	29	Closed	Metal	13478128
DN32	DN50	27.01 / 34	29	Closed	Metal	13478135
DN32	DN50	0.34 / 0.5	29	Closed	Metal	13478121
DN32	DN50	10.01 / 12.8	29	Closed	Metal	13478131
DN32	DN50	12.81 / 16.5	29	Closed	Metal	13478132
DN32	DN50	0.2 / 0.26	29	Closed	Metal	13478119
DN32	DN50	6.21 / 8.5	29	Closed	Metal	13478129
DN32	DN50	0.51 / 0.59	29	Closed	Metal	13478122
DN32	DN50	0.27 / 0.33	29	Closed	Metal	13478120
DN32	DN50	8.51 / 10	29	Closed	Metal	13478130
DN32	DN50	16.51 / 21	29	Closed	Metal	13478133
DN40	DN65	0.51 / 0.8	37	Closed	Metal	13478141
DN40	DN65	0.22 / 0.32	37	Closed	Metal	13478139
DN40	DN65	0.81 / 1.1	37	Closed	Metal	13478142
DN40	DN65	15.51 / 20	37	Closed	Metal	13478150
DN40	DN65	10.01 / 15.5	37	Closed	Metal	13478149
DN40	DN65	0.33 / 0.5	37	Closed	Metal	13478140
DN40	DN65	4.11 / 6.2	37	Closed	Metal	13478147
DN40	DN65	33.51 / 40	37	Closed	Metal	13478153
DN40	DN65	2.91 / 4.1	37	Closed	Metal	13478146
DN40	DN65	2.21 / 2.9	37	Closed	Metal	13478145
DN40	DN65	1.76 / 2.2	37	Closed	Metal	13478144
DN40	DN65	6.21 / 10	37	Closed	Metal	13478148
DN40	DN65	0.1 / 0.21	37	Closed	Metal	13478138
DN40	DN65	1.11 / 1.75	37	Closed	Metal	13478143
DN40	DN65	27.01 / 33.5	37	Closed	Metal	13478152
DN40	DN65	20.01 / 27	37	Closed	Metal	13478151
DN50	DN80	5.81 / 8.6	46	Closed	Metal	13478162
DN50	DN80	0.13 / 0.22	46	Closed	Metal	13478154
DN50	DN80	23.11 / 28.2	46	Closed	Metal	13478167
DN50	DN80	8.61 / 11.3	46	Closed	Metal	13478163
DN50	DN80	15.61 / 19	46	Closed	Metal	13478165
DN50	DN80	0.23 / 0.5	46	Closed	Metal	13478155
DN50	DN80	1.21 / 1.8	46	Closed	Metal	13478158
DN50	DN80	0.51 / 0.8	46	Closed	Metal	13478156
DN50	DN80	28.21 / 34.4	46	Closed	Metal	13478168
DN50	DN80	3.91 / 5.8	46	Closed	Metal	13478161
DN50	DN80	11.31 / 15.6	46	Closed	Metal	13478164
DN50	DN80	2.61 / 3.9	46	Closed	Metal	13478160
DN50	DN80	0.81 / 1.2	46	Closed	Metal	13478157
DN50	DN80	19.01 / 23.1	46	Closed	Metal	13478166
DN50	DN80	34.41 / 40	46	Closed	Metal	13478169
DN50	DN80	1.81 / 2.6	46	Closed	Metal	13478159
DN65	DN100	5 / 9	60	Closed	Metal	13478180
DN65	DN100	9.01 / 13.9	60	Closed	Metal	13478181

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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
DN65	DN100	0.13 / 0.16	60	Closed	Metal	13478170
DN65	DN100	0.17 / 0.19	60	Closed	Metal	13478171
DN65	DN100	3.36 / 4.99	60	Closed	Metal	13478179
DN65	DN100	13.91 / 18.3	60	Closed	Metal	13478182
DN65	DN100	0.62 / 0.89	60	Closed	Metal	13478175
DN65	DN100	23.11 / 34.7	60	Closed	Metal	13478184
DN65	DN100	2.5 / 3.35	60	Closed	Metal	13478178
DN65	DN100	18.31 / 23.1	60	Closed	Metal	13478183
DN65	DN100	0.27 / 0.5	60	Closed	Metal	13478173
DN65	DN100	34.71 / 40	60	Closed	Metal	13478185
DN65	DN100	0.2 / 0.26	60	Closed	Metal	13478172
DN65	DN100	0.51 / 0.61	60	Closed	Metal	13478174
DN65	DN100	1.5 / 2.49	60	Closed	Metal	13478177
DN65	DN100	0.9 / 1.49	60	Closed	Metal	13478176
DN80	DN125	0.15 / 0.25	74	Closed	Metal	13478187
DN80	DN125	15.51 / 22.5	74	Closed	Metal	13478199
DN80	DN125	0.5 / 0.64	74	Closed	Metal	13478190
DN80	DN125	3.21 / 5.5	74	Closed	Metal	13478195
DN80	DN125	2.31 / 3.2	74	Closed	Metal	13478194
DN80	DN125	1.05 / 1.5	74	Closed	Metal	13478192
DN80	DN125	1.51 / 2.3	74	Closed	Metal	13478193
DN80	DN125	7.51 / 10.6	74	Closed	Metal	13478197
DN80	DN125	10.61 / 15.5	74	Closed	Metal	13478198
DN80	DN125	5.51 / 7.5	74	Closed	Metal	13478196
DN80	DN125	22.51 / 32	74	Closed	Metal	13478200
DN80	DN125	0.1 / 0.14	74	Closed	Metal	13478186
DN80	DN125	0.26 / 0.35	74	Closed	Metal	13478188
DN80	DN125	0.36 / 0.49	74	Closed	Metal	13478189
DN80	DN125	0.65 / 1.04	74	Closed	Metal	13478191
DN100	DN150	0.1 / 0.19	92	Closed	Metal	13478201
DN100	DN150	10.71 / 14	92	Closed	Metal	13478212
DN100	DN150	0.5 / 0.76	92	Closed	Metal	13478204
DN100	DN150	19.21 / 24.5	92	Closed	Metal	13478214
DN100	DN150	8.41 / 10.7	92	Closed	Metal	13478211
DN100	DN150	1.18 / 1.79	92	Closed	Metal	13478206
DN100	DN150	1.8 / 2.73	92	Closed	Metal	13478207
DN100	DN150	0.2 / 0.32	92	Closed	Metal	13478202
DN100	DN150	35.01 / 40	92	Closed	Metal	13478216
DN100	DN150	2.74 / 4.15	92	Closed	Metal	13478208
DN100	DN150	0.33 / 0.49	92	Closed	Metal	13478203
DN100	DN150	0.77 / 1.17	92	Closed	Metal	13478205
DN100	DN150	4.16 / 5.93	92	Closed	Metal	13478209
DN100	DN150	5.94 / 8.4	92	Closed	Metal	13478210
DN100	DN150	24.51 / 35	92	Closed	Metal	13478215
DN100	DN150	14.01 / 19.2	92	Closed	Metal	13478213
DN125	DN200	4.51 / 6	98	Closed	Metal	13478227
DN125	DN200	2.91 / 4.5	98	Closed	Metal	13478226
DN125	DN200	7.51 / 9.5	98	Closed	Metal	13478229
DN125	DN200	0.2 / 0.24	98	Closed	Metal	13478218
DN125	DN200	0.68 / 0.9	98	Closed	Metal	13478222
DN125	DN200	0.52 / 0.67	98	Closed	Metal	13478221
DN125	DN200	22.01 / 28	98	Closed	Metal	13478233

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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
DN125	DN200	0.91 / 1.4	98	Closed	Metal	13478223
DN125	DN200	0.25 / 0.35	98	Closed	Metal	13478219
DN125	DN200	2.01 / 2.9	98	Closed	Metal	13478225
DN125	DN200	6.01 / 7.5	98	Closed	Metal	13478228
DN125	DN200	9.51 / 14	98	Closed	Metal	13478230
DN125	DN200	18.51 / 22	98	Closed	Metal	13478232
DN125	DN200	0.1 / 0.19	98	Closed	Metal	13478217
DN125	DN200	14.01 / 18.5	98	Closed	Metal	13478231
DN125	DN200	1.41 / 2	98	Closed	Metal	13478224
DN125	DN200	0.36 / 0.51	98	Closed	Metal	13478220
DN150	DN250	3.81 / 5.5	125	Closed	Metal	13481912
DN150	DN250	0.7 / 0.99	125	Closed	Metal	13478238
DN150	DN250	1 / 1.44	125	Closed	Metal	13478239
DN150	DN250	0.1 / 0.21	125	Closed	Metal	13478234
DN150	DN250	7.01 / 8	125	Closed	Metal	13478244
DN150	DN250	0.3 / 0.49	125	Closed	Metal	13478236
DN150	DN250	5.51 / 7	125	Closed	Metal	13478243
DN150	DN250	0.22 / 0.29	125	Closed	Metal	13478235
DN150	DN250	8.01 / 10	125	Closed	Metal	13478245
DN150	DN250	11.51 / 13	125	Closed	Metal	13478247
DN150	DN250	1.81 / 2.6	125	Closed	Metal	13478241
DN150	DN250	13.01 / 15	125	Closed	Metal	13478248
DN150	DN250	10.01 / 11.5	125	Closed	Metal	13478246
DN150	DN250	1.45 / 1.8	125	Closed	Metal	13478240
DN150	DN250	15.01 / 17	125	Closed	Metal	13478249
DN150	DN250	0.5 / 0.69	125	Closed	Metal	13478237
DN150	DN250	2.61 / 3.8	125	Closed	Metal	13478242
DN200	DN300	3.41 / 4.2	165	Closed	Metal	13478260
DN200	DN300	4.21 / 5.25	165	Closed	Metal	13478261
DN200	DN300	2.61 / 3.4	165	Closed	Metal	13478259
DN200	DN300	1.16 / 1.48	165	Closed	Metal	13478256
DN200	DN300	0.27 / 0.32	165	Closed	Metal	13478251
DN200	DN300	0.44 / 0.59	165	Closed	Metal	13478253
DN200	DN300	0.33 / 0.43	165	Closed	Metal	13478252
DN200	DN300	8.11 / 10	165	Closed	Metal	13478264
DN200	DN300	2.01 / 2.6	165	Closed	Metal	13478258
DN200	DN300	1.49 / 2	165	Closed	Metal	13478257
DN200	DN300	6.46 / 8.1	165	Closed	Metal	13478263
DN200	DN300	5.26 / 6.45	165	Closed	Metal	13478262
DN200	DN300	0.6 / 0.82	165	Closed	Metal	13478254
DN200	DN300	0.83 / 1.15	165	Closed	Metal	13478255
DN200	DN300	0.2 / 0.26	165	Closed	Metal	13478250

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