



Type 427
Plain lever H3
Open bonnet
Conventional design

Type 427, 429

Flanged Safety Relief Valves - spring loaded

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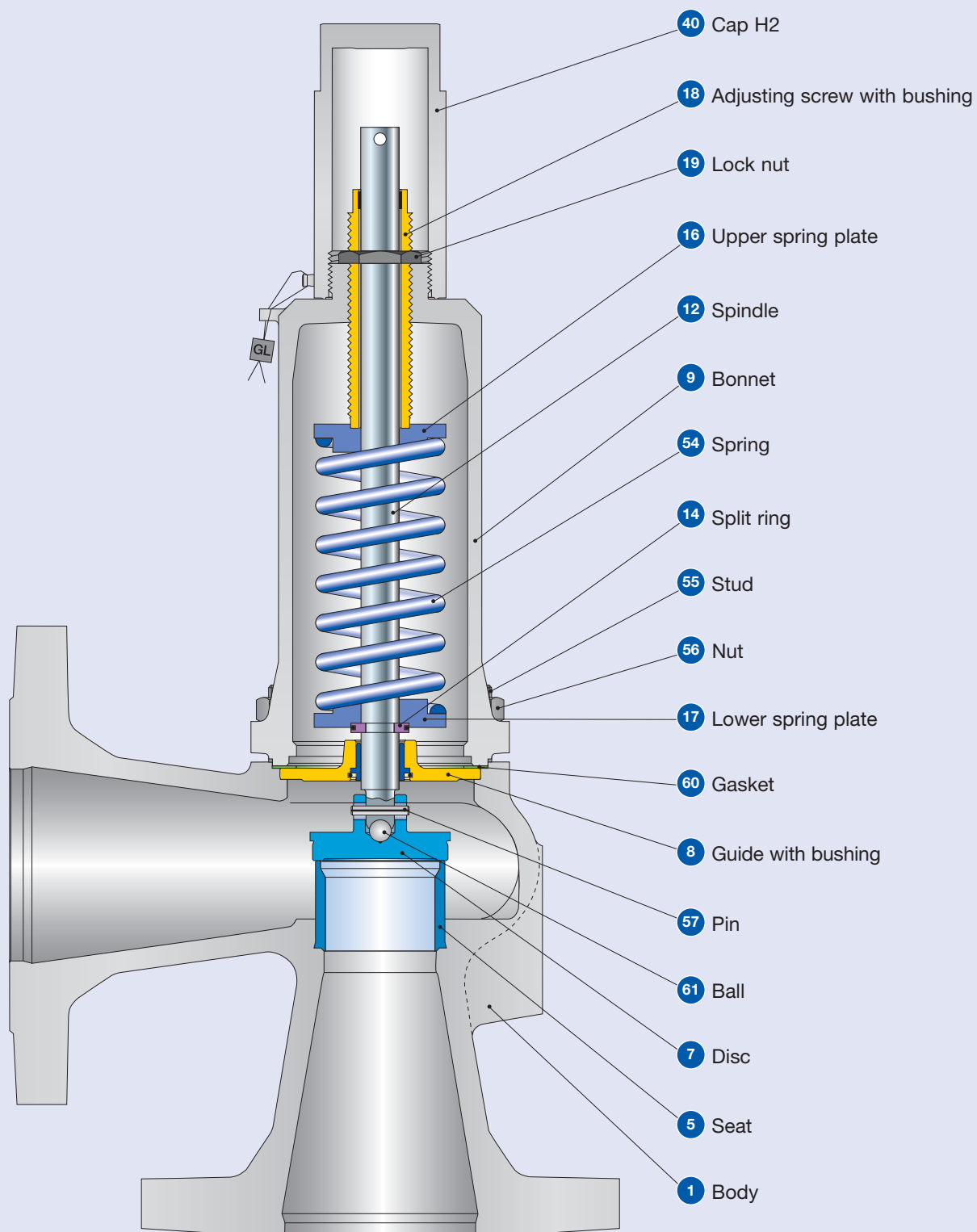
Capacities

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Type 429
Cap H2
Closed bonnet
Conventional design

Conventional design



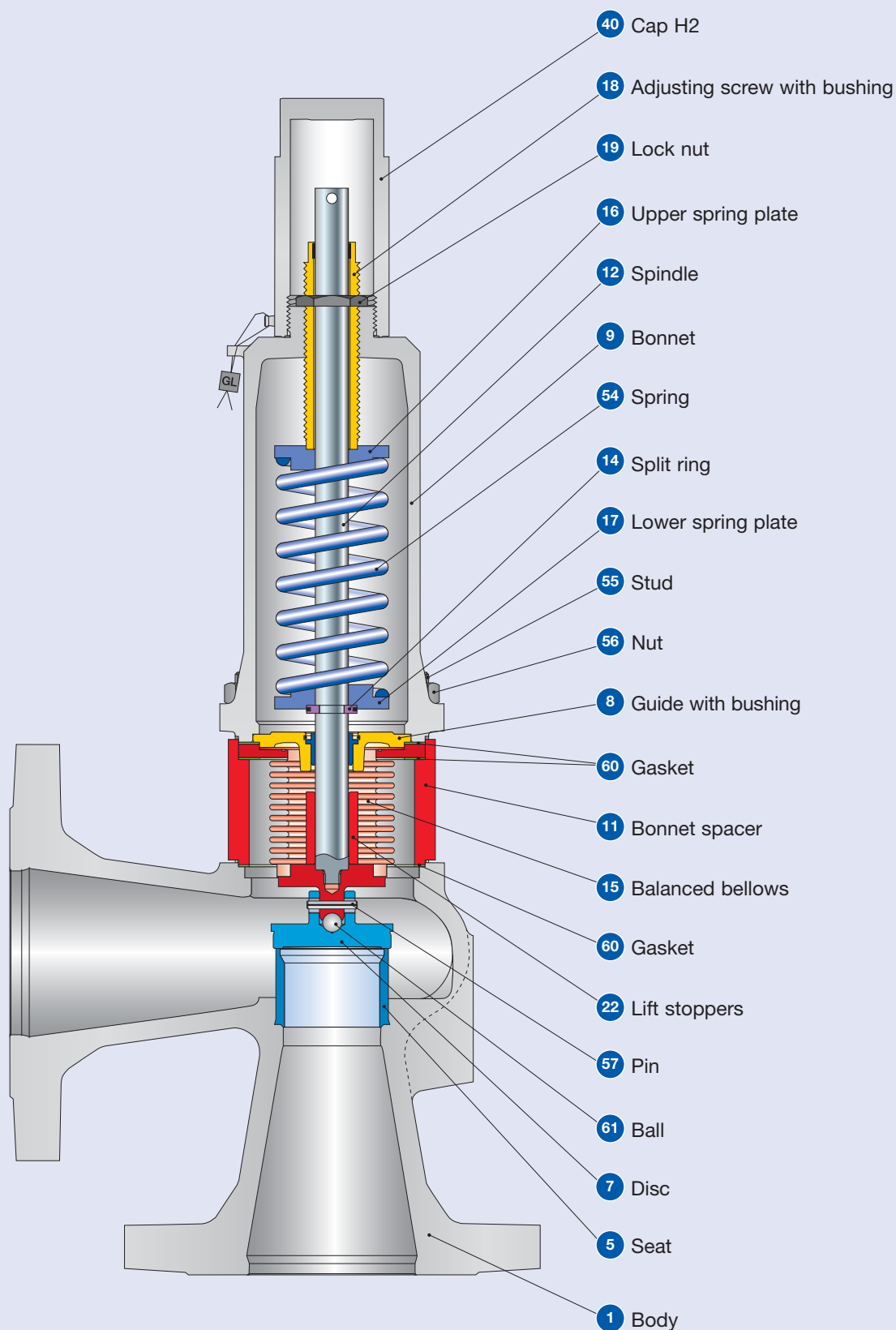
Conventional design

Materials					
Item.	Component	Type 4271 / 4291	Type 4275 / 4295	Type 4272 / 4292	Type 4294
1	Body	0.6025	0.7043	1.0619	1.4408
		Cast iron	Ductile Gr. 60-40-18	SA 216 WCB	SA 351 CF8M
5	Seat	1.4404	1.4404	1.4404	1.4404
		316L	316L	316L	316L
7	Disc	1.4412	1.4122	1.4122	1.4404
		Hardened stainless steel	Hardened stainless steel	Hardened stainless steel	316L
8	Guide	1.4104, 1.0501	1.4104, 1.0501	1.4104, 1.0501, 1.0570	1.4404
		Chrome steel or steel	Chrome steel or steel	Chrome steel or steel	316L
	with bushing	1.4104 tenifer	1.4104 tenifer	1.4104 tenifer	–
		Chrome steel tenifer	Chrome steel tenifer	Chrome steel tenifer	–
9	Bonnet	0.7040	0.7040	0.7040	1.4408, 1.4404
		Ductile Gr. 60-40-18	Ductile Gr. 60-40-18	Ductile Gr. 60-40-18	SA 351 CF8M, SA 479 316 L
12	Spindle	1.4021	1.4021	1.4404	1.4404
		420	420	316L	316L
14	Split ring	1.4104	1.4104	1.4104	1.4404
		Chrome steel	Chrome steel	Chrome steel	316L
16/17	Spring plate	1.0718	1.0718	1.0718	1.4404
		Steel	Steel	Steel	316L
18	Adjusting screw with bushing	1.4104 PTFE	1.4104 PTFE	1.4104 PTFE	1.4404 PTFE
		Chrome steel PTFE	Chrome steel PTFE	Chrome steel PTFE	316L PTFE
19	Lock nut	1.0718	1.0718	1.0718	1.4404
		Steel	Steel	Steel	316L
40	Cap H2	1.0718	1.0718	1.0718	1.4404
		12L13	12L13	12L13	316L
54	Spring, standard	1.1200, 1.8159, 1.7102	1.1200, 1.8159, 1.7102	1.1200, 1.8159, 1.7102	1.4310
		Steel	Steel	Steel	Stainless steel
	Spring, optional	1.4310	1.4310	1.4310	–
		Stainless steel	Stainless steel	Stainless steel	–
55	Stud	1.1181	1.1181	1.1181	1.4401
		Steel	Steel	Steel	B8M
56	Nut	1.0501	1.0501	1.0501	1.4401
		2H	2H	2H	8M
57	Pin	1.4310	1.4310	1.4310	1.4310
		Stainless steel	Stainless steel	Stainless steel	Stainless steel
60	Gasket	Graphite / 1.4401	Graphite / 1.4401	Graphite / 1.4401	Graphite / 1.4401
		Graphite / 316	Graphite / 316	Graphite / 316	Graphite / 316
61	Ball	1.3541	1.3541	1.3541	1.4401
		Hardened stainless steel	Hardened stainless steel	Hardened stainless steel	316

Note:

- LESER reserves the right to make changes
- LESER may use higher quality materials without giving prior notice
- Each component can be constructed of another material according to the customer's specification.
- All components exposed to pressure are highlighted in bold. The material will be specified according to DIN and ASTM here.

Balanced bellows design



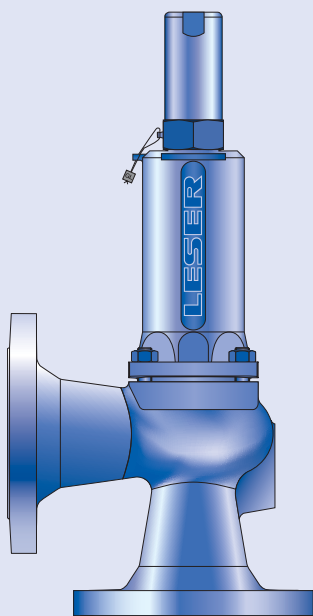
Balanced bellows design

Materials					
Item.	Component	Type 4271 / 4291	Type 4275 / 4295	Type 4272 / 4292	Type 4294
1	Body	0.6025	0.7043	1.0619	1.4408
		Cast iron	Ductile Gr. 60-40-18	SA 216 WCB	SA 351 CF8M
5	Seat	1.4404	1.4404	1.4404	1.4404
		316L	316L	316L	316L
7	Disc	1.4412	1.4122	1.4122	1.4404
		Hardened stainless steel	Hardened stainless steel	Hardened stainless steel	316L
8	Guide	1.4104, 1.0501	1.4104, 1.0501	1.4104, 1.0501, 1.0570	1.4404
		Chrome steel or steel	Chrome steel or steel	Chrome steel or steel	316L
	with bushing	1.4104 tenifer	1.4104 tenifer	1.4104 tenifer	–
		Chrome steel tenifer	Chrome steel tenifer	Chrome steel tenifer	–
9	Bonnet	0.7040	0.7040	0.7040	1.4408
		Ductile Gr. 60-40-18	Ductile Gr. 60-40-18	Ductile Gr. 60-40-18	SA 351 CF8M
11	Bonnet spacer	1.4404	1.4404	1.4404	1.4404
		316L	316L	316L	316L
12	Spindle	1.4404	1.4404	1.4404	1.4404
		316L	316L	316L	316L
14	Split ring	1.4104	1.4104	1.4104	1.4404
		Chrome steel	Chrome steel	Chrome steel	316L
15	Balanced bellows	1.4571	1.4571	1.4571	1.4571
		316Ti	316Ti	316Ti	316Ti
16/17	Spring plate	1.0718	1.0718	1.0718	1.4404
		Steel	Steel	Steel	316L
18	Adjusting screw with bushing	1.4104 PTFE	1.4104 PTFE	1.4104 PTFE	1.4404 PTFE
		Chrome steel PTFE	Chrome steel PTFE	Chrome steel PTFE	316L PTFE
19	Lock nut	1.0718	1.0718	1.0718	1.4404
		Steel	Steel	Steel	316L
22	Lift stoppers	1.4404	1.4404	1.4404	1.4404
		316L	316L	316L	316L
40	Cap H2	1.0718	1.0718	1.0718	1.4404
		12L13	12L13	12L13	316L
54	Spring, standard	1.1200, 1.8159, 1.7102	1.1200, 1.8159, 1.7102	1.1200, 1.8159, 1.7102	1.4310
		Steel	Steel	Steel	Stainless steel
	Spring, optional	1.4310	1.4310	1.4310	–
		Stainless steel	Stainless steel	Stainless steel	–
55	Stud	1.4401	1.4401	1.4401	1.4401
		8M	8M	B8M	B8M
56	Nut	1.4401	1.4401	1.4401	1.4401
		8M	8M	B8M	B8M
57	Pin	1.4310	1.4310	1.4310	1.4310
		Stainless steel	Stainless steel	Stainless steel	Stainless steel
60	Gasket	Graphite / 1.4401	Graphite / 1.4401	Graphite / 1.4401	Graphite / 1.4401
		Graphite / 316	Graphite / 316	Graphite / 316	Graphite / 316
61	Ball	1.3541	1.3541	1.3541	1.4401
		Hardened stainless steel	Hardened stainless steel	Hardened stainless steel	316

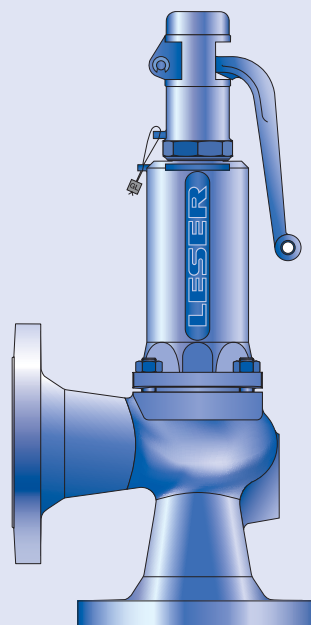
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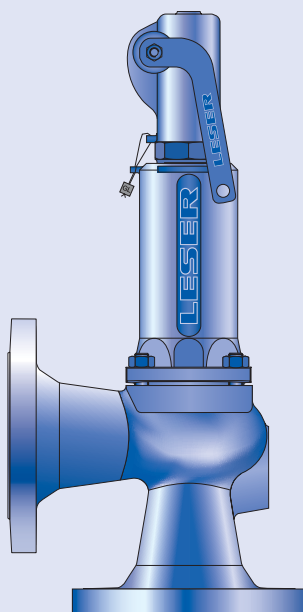
How to order – article numbers



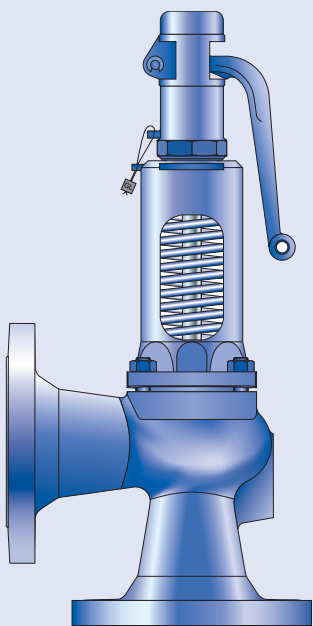
Type 429
Cap H2
Closed bonnet
Conventional design



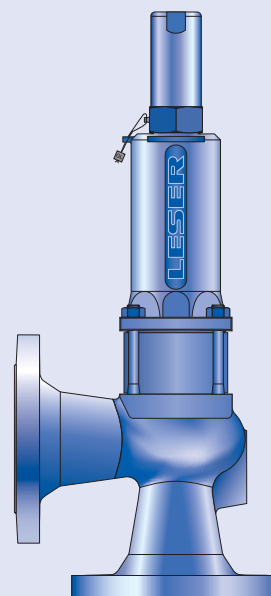
Type 429
Plain lever H3
Closed bonnet
Conventional design



Type 429
Packed lever H4
Closed bonnet
Conventional design



Type 427
Plain lever H3
Open bonnet
Conventional design



Type 429
Cap H2
Closed bonnet
Balanced bellows design