

SAFETY VALVE CAST IRON FLANGED FULL-LIFT DIN

Материал cast iron EN-JL1040; DIN GG25
 Налягане PN 16-40
 Размер DN 20 - 200

APPLICATION

Steam and gases; saturated steam boilers, over heaters and reheaters, gas storage tanks, compressed air treatment and storage installations. Liquids; thermal fluid boilers, installations with large mass flows and chemical reactions with exothermal processes.

OPERATION

Automatic pressure releasing valve which opens instantly and totally to sudden overpressure. Maximum discharge immediately at defined set pressure. Fully open at set pressure +5%.

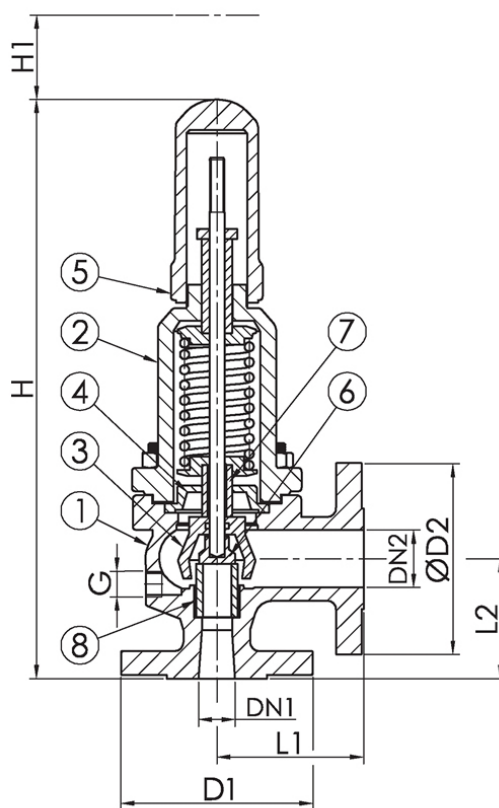
When ordering a safety valve please let us know your requirements regarding capacity, media, temperature, inlet dimension and type of system.

MEDIA

Steam. Thermal oil. Fuel oil, lubricating oil and flammable hydraulic oil. Cargo oil. Air. Gas. Non-flammable hydraulic fluid. Boiler feedwater, condensate. Seawater and freshwater.

OPTIONS

Lever. Gear. Actuators.



No.	Part	Material
1	Body	Cast Iron EN-JL1040
2	Closed bell	Ductile iron EN-JS1030 (GGG40)
3.1	Elevator DN25x40 to 200x300	Ductile iron EN-JS1030 (GGG40)
3.2	Elevator DN 20x32	Stainless steel 1.4408 (AISI316)
4	Lead	Stainless steel 1.4028 (AISI420)
5	Hood	Ductile iron EN-JS1030 (GGG40)
6	Plug	Stainless steel 1.4028 (AISI420)
7	Separator	Stainless steel 1.4028 (AISI420)
8	Seat	Stainless steel 1.4028 (AISI420)

Specifications	
Building standards	DIN
Flange standard	EN 1092-2

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Specifications	
Bonnet connection	Bolted
Execution	Angled
Connection type	Flanged

Max. working pressure (bar) at °c							
Temp °c	120°c	200°c	250°c	300°c	350°c	400°c	450°c
Bar	40	35	32	28	24	21	20

Flange inlet	Flange outlet	G	D1	D2	L1	L2	H	H1	Weight (kg)
DN 20 / PN 40	DN 32 / PN 40	1/4"	105	140	85	95	350	112	8.1
DN 25 / PN 40	DN 40 / PN 40	1/4"	115	150	95	105	395	129	10
DN 32 / PN 40	DN 50 / PN 40	1/4"	140	165	100	110	415	129	14
DN 40 / PN 40	DN 65 / PN 40	1/4"	150	185	115	130	500	148	20
DN 50 / PN 40	DN 80 / PN 40	1/4"	165	200	125	145	555	148	27
DN 65 / PN 40	DN 100 / PN 16	3/8"	185	220	140	150	660	191	39
DN 80 / PN 40	DN 125 / PN 16	3/8"	200	250	155	170	710	191	56
DN 100 / PN 16	DN 150 / PN 16	3/8"	235	285	175	180	810	191	83
DN 125 / PN 16	DN 200 / PN 16	1/2"	270	340	215	220	858	191	103
DN 150 / PN 16	DN 250 / PN 10	1/2"	300	395	225	245	1029	247	149
DN 200 / PN 16	DN 300 / PN 10	1/2"	360	445	265	290	1252	331	244