

CAST IRON FULL-LIFT SAFETY VALVE FLANGED DIN

Material grey cast iron EN-JL1040
Pressure PN 16

TECHNICAL DESCRIPTION

Automatic full-lift safety valve, preventing critical pressure build-up in the system. Maximum unloading when reaching the set operating pressure. Full opening, at 5% overpressure from the valve setting. When ordering a valve, please inform us of your requirements regarding valve capacity, fluid type, operating temperature, inlet size and the type of system in which it will be used.

ANNEX

- Water and steam treatment plants.
- Compressed air, technical and cryogenic gas treatment and storage plants.
- Thermal oil boilers, plants operating at high flow rates and chemical reactions involving exothermic processes.

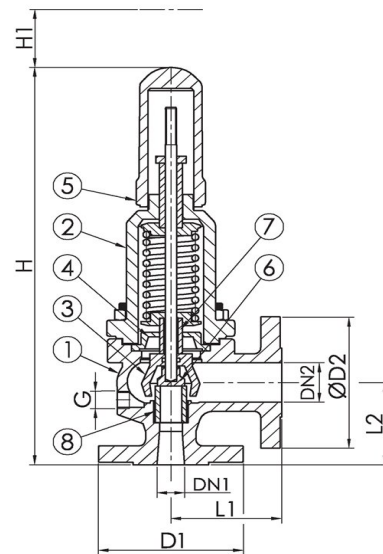
WORKING FLUID / MEDIUM

- Water and steam.
- Thermal oil, fuels, lubricating oils and flammable hydraulic oils, petroleum, air, gas, non-flammable hydraulic fluids, boiler feed water, condensate.

OPTIONS

- Open lid with a forced opening handle.

Dimensions: DN 20 - 200



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No.	DETAILS	MATERIALS
1	Body	grey cast iron EN-JL1040
2	Spring cover	grey cast iron EN-JL1040
3.1	Lifter from DN25x40 to 200x300	malleable cast iron EN-JS1030 (GGG40)
3.2	Lifter DN 20x32	stainless steel 1.4408 (AISI316)
4	Driver	stainless steel 1.4028 (AISI420)
5	Cap	grey cast iron EN-JL1040
6	Valve	stainless steel 1.4028 (AISI420)
7	Separator	stainless steel 1.4028 (AISI420)
8	Saddle	stainless steel 1.4028 (AISI420)

SPECIFICATION	
Standard	DIN
Joining	flanged EN 1092-2
Lid connection	bolted
Execution	angular

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