Safety Valves
Type 06127

Safety Valves, angle type, stainless steel
type tested, TÜV-SV.577. D/G/F

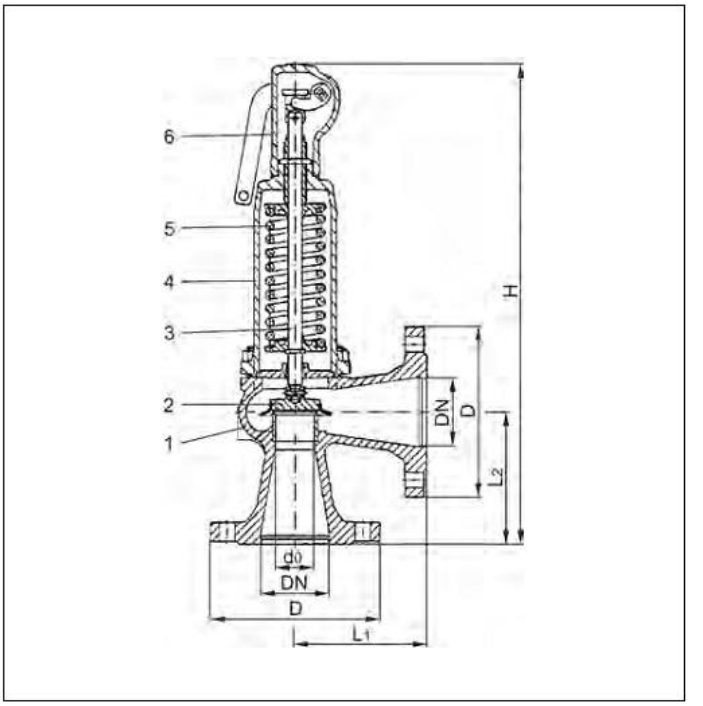
Standard safety valve
metal to metal seated, with lifting device,
closed bonnet
Flanged connection acc. to DIN EN 1092-1 PN40

Part No. 06127.X.0000

Available options - on request only:
· Disc with soft sealing

Applications:
Provided as safety device for protection against excessive pressure in pressure vessels.
Approved for gases, vapours and fluids.
Working temperatures: -196°C / -321°F (77K) up to +300°C / +572°F (573K)

Materials		DIN EN	ASTM
1	Body	1.4408	A 351 CF 8M
2	Disc	1.4404	A 276 Grade 316L
3	Stem	1.4404	A 276 Grade 316L
4	Spring	1.4310	A 313 Grade 302
5	Bonnet	1.4408	A 351 CF 8M
6	Lifting device	1.4408	A 351 CF 8M



Essential: Valves are delivered at a set pressure, therefore when ordering please confirm set pressure, medium and temperature.

Standard marking acc. to Pressure Equipment Directive 97/23/EG (PED). CE

Type 06127	Technical data									
Nominal size	**DN**	**15**	**20**	**25**	**32**	**40**	**50**	**65**	**80**	**100**
Orifice	d_0	12	18	18	18	23	29	37	46	60
Dimension code	.X.	0150	0200	0250	0320	0400	0500	0650	0800	1000
Set pressure saturated steam	bar	0.2-32	0.2-32	0.2-32	0.2-32	0.2-32	0.2-32	0.2-32	0.2-32	0.2-32
Set pressure air and fluids	bar	0.2-40	0.2-40	0.2-40	0.2-40	0.2-40	0.2-40	0.2-34	0.2-34	0.2-32
Flange diameter	D	95	105	115	140	150	165	185	200	235
Height	H	305	310	315	320	330	355	466	521	581
Length	L_1	90	95	100	105	115	125	145	155	175
Length	L_2	90	95	100	105	115	125	145	155	175
Weight	ca. kg	5.0	6.0	6.0	8.0	9.0	12.0	15.0	20.0	33.0
Coeff. of discharge gases, vapours	α_w	0.62	0.29	0.38	0.38	0.38	0.38	0.38	0.38	0.38
Coeff. of discharge fluids	α_w	0.48	0.19	0.25	0.25	0.25	0.25	0.25	0.25	0.25

Dimensions in mm.

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