

Safety Valves

Type 06340, Type 06341



CRYONICA
криогенные технологии



Safety Valves, angle type, cast iron, type tested, TÜV-SV.576. D/G/F

Full lift safety valve
Standard safety valve for fluids
metal to metal seated, with lifting device,
with enlarged outlet
Flanged connection acc. to DIN EN 1092-1 PN16

Part No. 06340.X.0000

open bonnet

Part No. 06341.X.0000

closed bonnet

Available options - on request only:

- Disc with soft sealing

Applications:

Provided as safety device for protection against excessive pressure in pressure vessels.

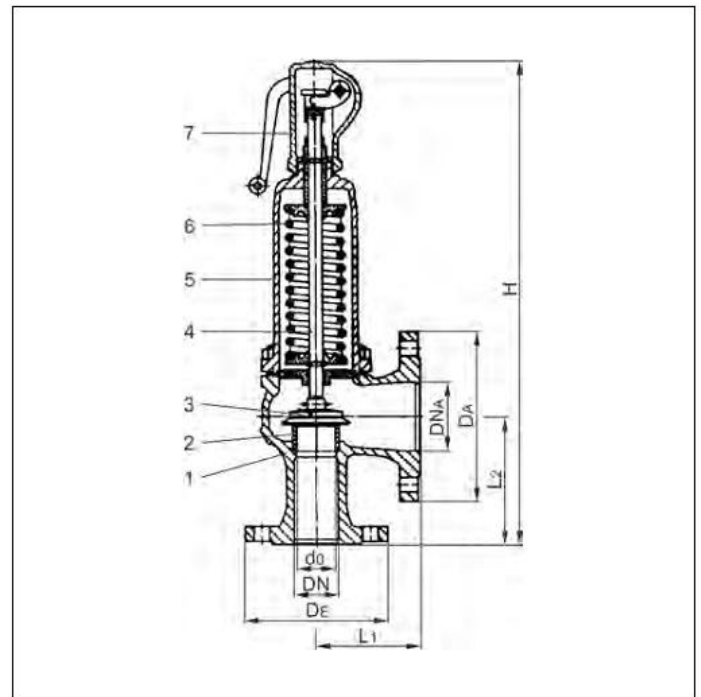
Approved for gases, vapours and fluids.

Working temperatures: -10°C / +14°F (263K) up to +200°C / +392°F (473K)

with spring in special steel up to +300°C / +572°F (573K)



Materials	DIN EN	ASTM
1 Body	0.6025	A 48-83 Gr. 35B
2 Seat	1.4404	A 276 Grade 316L
3 Disc	1.4122	no reference
4 Stem	1.4021	A 276 Grade 420
5 Spring	1.1200	A 576 Grade 1045
6 Bonnet	0.7040	A 536-87 Gr. 60-40-18
7 Lifting device	0.7040	A 536-87 Gr. 60-40-18



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).



Type 06340, 06341	Technical data									
Nominal size	DN	25	32	40	50	65	80	100	125	150
Orifice	d ₀	23	29	37	46	60	74	92	98	125
Dimension code	.X.	0250	0320	0400	0500	0650	0800	1000	1250	1500
Set pressure range	bar	0.2-16	0.2-16	0.2-16	0.2-16	0.2-16	0.2-16	0.2-16	0.2-16	0.2-16
Flange diameter	D ₁	115	140	150	165	185	200	220	250	285
Flange diameter	D ₂	150	165	185	200	220	250	285	340	405
Height Type 06340	H	338	440	506	563	696	798	880	910	1020
Height Type 06341	H	339	446	512	569	702	801	883	913	1020
Length	L ₁	100	110	115	120	140	160	180	200	225
Length	L ₂	105	115	140	150	170	195	220	250	285
Weight	ca. kg	9.0	12.0	16.0	22.0	32.0	56.0	75.0	85.0	131.0
Coeff. of discharge gases, vapours	α _w	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Coeff. of discharge fluids	α _w	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45

Dimensions in mm.

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