

safety valve for vapors, gases and liquids series SV50



Standard version:

Inlet body	/ Spring bonnet
1.4104	/ 1.4104
1.4404	/ 1.4404
1.4571	/ 1.4571

Temperature ranges

metal seated
-10°C to 280°C
-200°C to 280°C
-200°C to 280°C

Connections:

Screw connection: DIN ISO 228 / ASME B1.20.1

soft seated

see techn. appendix: KWD-1

Approvals:

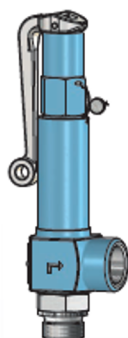
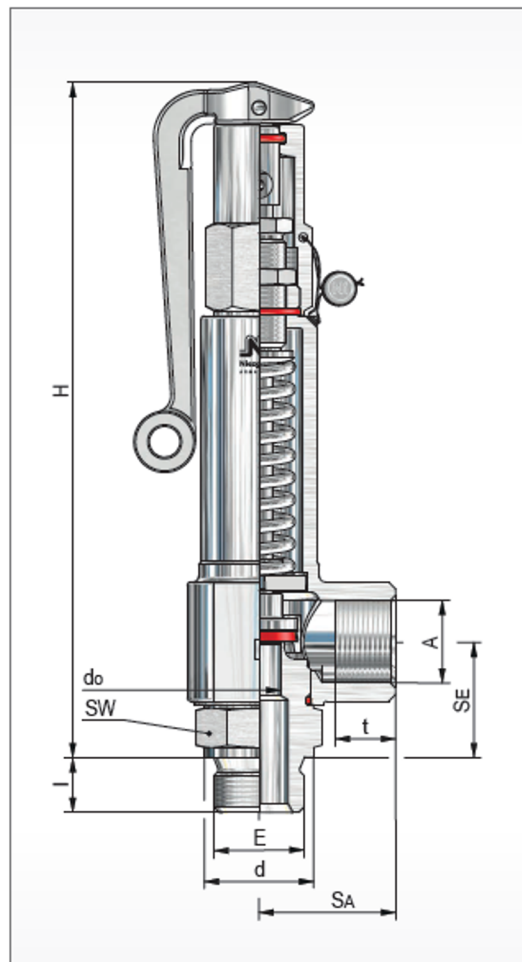
Pressure Equipment Directive: 2014/68/EU
Declaration of Conformity



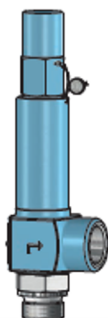
TÜV - Approval:

VdTÜV-leaflet AD 2000-leaflet A 2

TÜV • SV • XX-1067 • do • D/G/F • α_w • p



Size I
head A



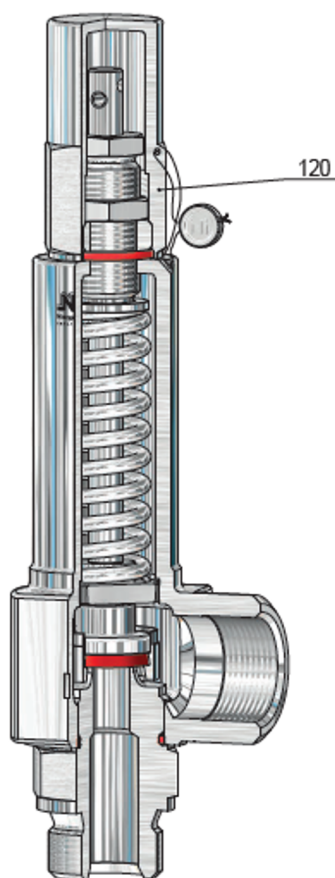
Size I
head C

Size	Inlet					Outlet				Dimensions		Height 'H' for head			Coefficient		Set pressure		Weight
	E	SE	d	l (G)	l (NPT)	A	SA	t (G)	t (NPT)	SW	do	A		C	D/G	F	p min.	p max.	
		[mm]	[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]	Qw max.	Qw	[bar(g)]	[bar(g)]	
I	3/8	34	22	12	11	1/2	35	15	14	32	10	200		185	0,08	0,05	0,2	200	1,0
			8	0,08	0,05						6,0				300				
	12,5		0,08	0,05	0,2						100								
	10		0,08	0,05	0,2						200								
	8		0,08	0,05	6,0						300								
	10		0,08	0,05	0,2						200								
	1/2	26	14	14	3/4	40	17	15	6 1)		0,08				-	50,0	500		
		3/4	32	16	14	1/2	35	15	14		12,5				0,08	0,05	0,2	100	
	10										0,08				0,05	0,2	200		
	8										0,08				0,05	6,0	300		
	10										0,08				0,05	0,2	200		
	6 1)										0,08				0,05	50,0	500		

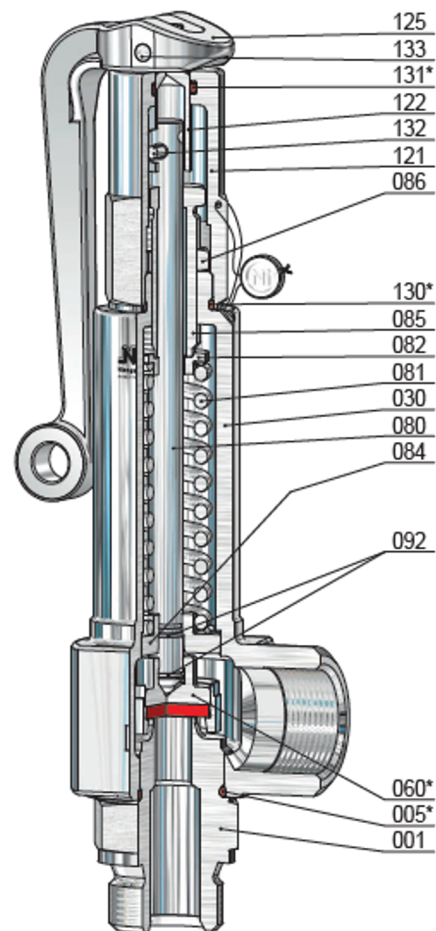
other design on request

Abbildungen unverbindlich, Konstruktions-, Maß- und Werkstoffänderungen vorbehalten
illustrations are non-binding, all designs, configurations, measurements and materials are subject to change without prior notice

safety valve for vapors, gases and liquids
series SV50



Size I
head C



Size I
head A

Item	Piece	Description	Item	Piece	Description
001	1	inlet body	120	1	cap
005 *	1	o-ring	121	1	lifting cap
030	1	spring bonnet	122	1	coupling
060 *	1	disc, complete	125	1	lifting button
560	1	disc	130 *	1	o-ring
062	1	soft sealing	131 *	1	o-ring
063	1	disc ring	132	1	groove pin
080	1	spindle	133	1	groove pin
081	1	spring			
082	1	springplate, upper			
084	1	springplate, lower			
085	1	adjusting screw			
086	1	lock nut			
092	2	lock ring			

* expendable parts