

# Safety-Valve, springloaded

for non-toxic steam and gases

# Typ 7

## Standard version:

			Temperature ranges
<b>Material:</b>	Inlet body	/ Spring bonnet	metal seated
<b>Typ 7.1:</b>	1.4541	/ 1.0254	-10°C to 130°C
<b>Typ 7.2:</b>	1.4541	/ 1.4301	-60°C to 130°C
<b>Connections:</b>			soft seated
Flange connections: DIN EN / ASME B16.5			see techn. appendix: KWD-1

## Approvals:

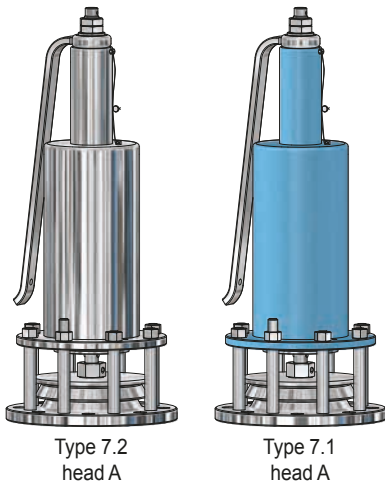
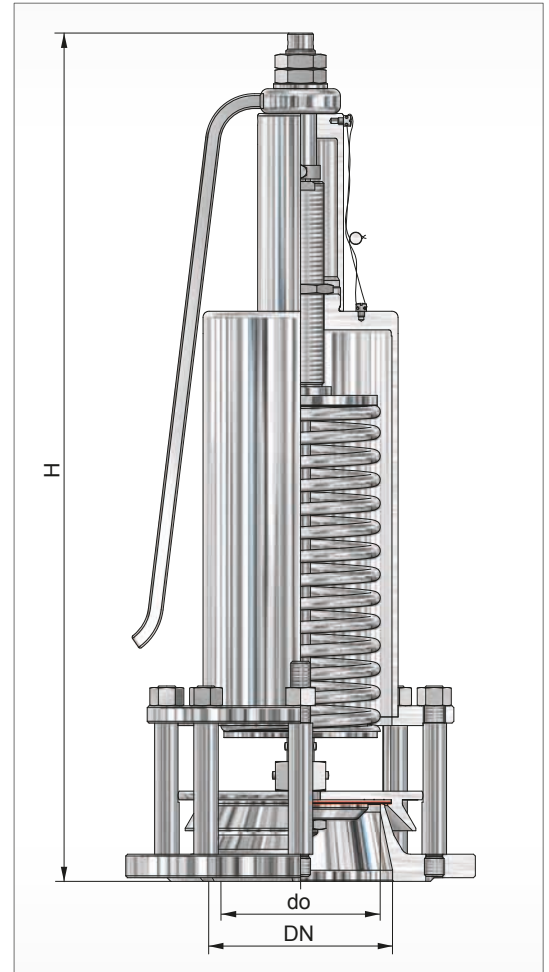
**Pressure Equipment Directive:** 97/23/EG  
Declaration of Conformity



## TÜV - Approval:

VdTÜV-leaflet AD 2000-leaflet A 2

TÜV • SV • XX-725 • do • D/G • αw • p



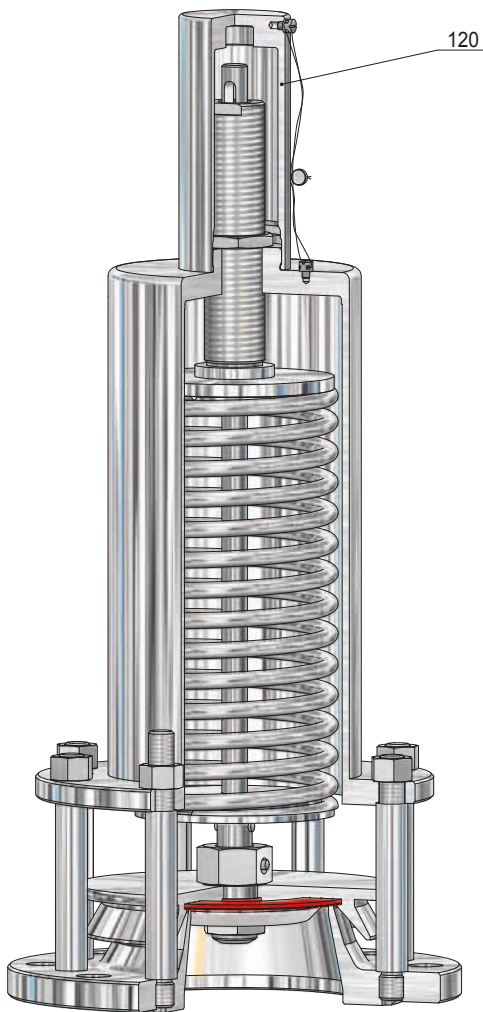
Size	Inlet				Outlet	Height 'H' for head		Coefficient		Set pressure		Weight
	DN	NPS	PN / Class	do		A	C	D/G	p min.	p max.		
			[bar(g)]	[mm]	[mm]	[mm]	[mm]	αw max.	[bar(g)]	[bar(g)]	~ [kg]	
	50		6 - 16	40	free	405	395	0,63	0,10	3,8	8,3	
	65			50		405	395	0,64	0,10	3,0	9,6	
	80			70		470	460	0,59	0,05	1,2	12,5	
	100			90		480	470	0,63	0,05	1,0	15,5	
	125			110		680	640	0,68	0,05	1,4	33,0	

other design on request

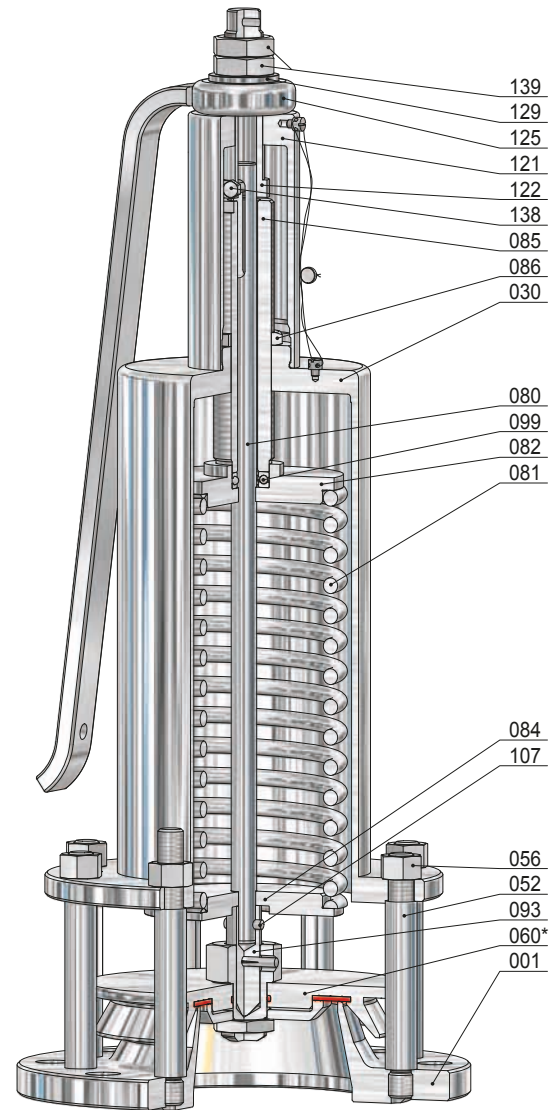
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head C



head A

Item	Piece	Description	Item	Piece	Description
001	1	inlet body	082	1	springplate, upper
030	1	spring bonnet	084	1	springplate, lower
052	8	column <i>(variable)</i>	085	1	adjusting screw
056	8	nut <i>(variable)</i>	086	1	lock nut
060 *	1	disc, complete	093	1	joining piece
560	1	disc	099	1	antifriction bearing
061	1	pressure piece	107	1	spring pin
062	1	soft sealing	120	1	cap
063	1	disc ring	121	1	lifting cap
065	1	disc bolt	122	1	coupling
067	1	security screw	125	1	lifting button
068	1	disc guidance	129	1	pressure plate
071	1	o-ring	138	1	screw
072	1	locking ring	139	2	nut
074	1	disc plate			
075	1	nut			
080	1	spindle			
081	1	spring			

\* expendable parts