




• VIT-SFST •

 Pressure Safety Valve	 Ansi 150 / Ansi 300	 Flanged
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Standard Features*

- Type: Pressure Safety Valve with Nozzle & Easing Gear
- Design: API 520 - API 526 - ASME VIII
- Pressure Rating: ANSI 150 - ANSI 300
- Flange Rating: ANSI B16.5
- Connection: Outlet Flanged RF (Standard) / FF (On Request)
- Max. working pressure: 20 bar (Ansi 150) / 50 bar (Ansi 300)
- Hydrotest: According to EN 12266 / API 598
- Operation: Automatic
- Special Version: WCB Body with Potable Water Approved Fusion Bonded Epoxy Coating



Standard Materials*

Part	Material Standard
Body	1) Stainless Steel CF8M 2) Duplex Stainless Steel A995 4A 3) Stainless Steel A995 5A 4) Carbon Steel A216 WCB
Nozzle	1) Stainless Steel AISI 316 + Stellite 2) Duplex Stainless Steel F51 3) Super Duplex Stainless Steel F53 4) Stainless Steel AISI 316 + Stellite
Plug	1) Stainless Steel AISI 316 + Stellite 2) Duplex Stainless Steel F51 3) Super Duplex Stainless Steel F53 4) Stainless Steel AISI 316 + Stellite
Spring	1) 50CrVA + PTFE 2) 50CrVA + PTFE 3) 50CrVA + PTFE 4) 50CrVA

*Other pressure ratings, design options, diameters & materials are available upon request. Customized drawings with proper requested options to rely on will be provided below in case of special requests



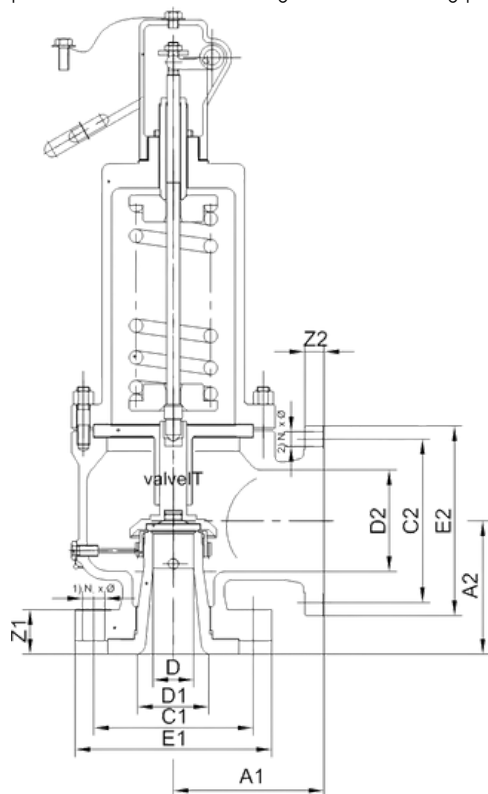
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Standard Dimensions*

Ansi 150 Type														
DN	INCH	D	D1	C1	E1	A1	1) N. x Ø	Z1	D2	C2	E2	A2	2) N. x Ø	Z2
25 X 50	1" X 2"	9.5	25	79.5	108	115	4 x Ø16	32	50	120.5	152	105	4 x Ø19	19
50 X 80	2" X 3"	32.5	50	120.5	152	124	4 x Ø19	31	80	152.5	190	136	4 x Ø19	24
80 X 100	3" X 4"	48.5	80	152.5	190	165	4 x Ø16	34	100	190.5	229	156	8 x Ø19	24
100 X 150	4" X 6"	72.4	100	190.5	229	229	8 x Ø19	36	150	214.5	279	181	8 x Ø22	25.4
150 X 200	6" X 8"	95.3	150	241.5	279	241	8 x Ø22	40	200	298.5	343	240	8 x Ø22	28.4
200 X 250	8" X 10"	146	200	298.5	343	279	8 x Ø22	45	250	362	406	276	12 x Ø26	30.2

*Showed Dimensions refer to standard ANSI 150 Pressure Safety Valve with Nozzle & RF Flanged Outlet Connection. Customized drawings with proper requested options to rely on will be provided below in case of different requests. Standard dimensions showed are subject to change without any prior notice basing on company standard updates (customized and/or as-built drawings with final dimensions will be provided below before starting the manufacturing process).



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 Pressure Safety Valve	 Ansi 150 / Ansi 300	 Flanged
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Standard Dimensions*

Ansi 300 Type														
DN	INCH	D	D1	C1	E1	A1	1) N. x Ø	Z1	D2	C2	E2	A2	2) N. x Ø	Z2
25 X 50	1" X 2"	9.5	25	89	124	115	4 x Ø19	32	50	120.5	152	105	4 x Ø16	19
50 X 80	2" X 3"	32.5	50	127	165	136	8 x Ø19	34	80	152.5	190	136	4 x Ø19	24
80 X 100	3" X 4"	48.5	80	168	210	156	8 x Ø22	38	100	190.5	229	156	4 x Ø16	24
100 X 150	4" X 6"	72.4	100	200	254	181	8 x Ø22	42	150	214.5	279	181	8x Ø19	25.4
150 X 200	6" X 8"	95.3	150	270	318	240	12 x Ø22	51	200	298.5	343	240	8x Ø22	28.4
200 X 250	8" X 10"	146	200	330	381	276	12 x Ø26	58	250	362	406	276	8x Ø22	30.2

*Showed Dimensions refer to standard ANSI 300 Pressure Safety Valve + Nozzle with ANSI 300 Inlet Flange Connection & ANSI 150 RF Outlet Flanged Connection. Customized drawings with proper requested options to rely on will be provided below in case of different requests. Standard dimensions showed are subject to change without any prior notice basing on company standard updates (customized and/or as-built drawings with final dimensions will be provided below before starting the manufacturing process).

