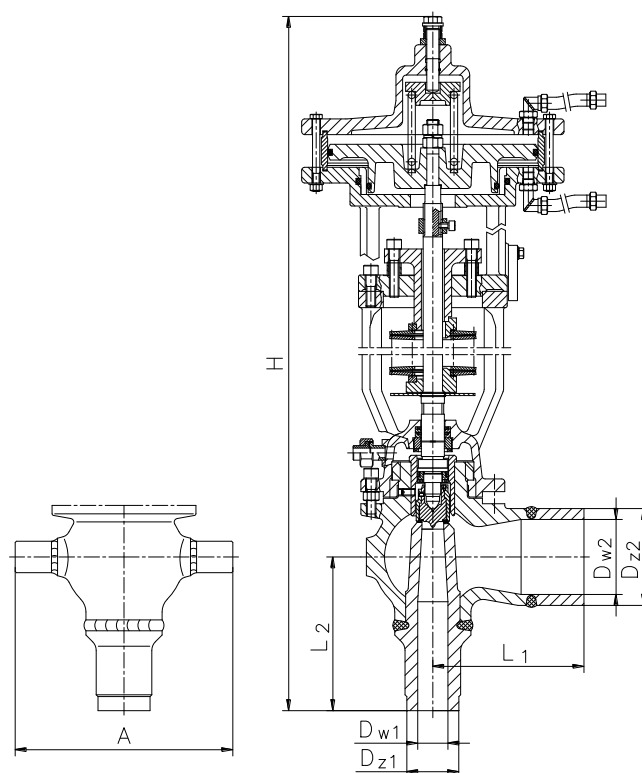


SAFETY VALVES type SiZ 2507

These are controlled action full stroke spring loaded valves, open type design, with pneumatic actuator mating with control unit type **USB**.



Dimensions and weights

DN	Seat	Dimensions								Weight /kg/	Setting Ppo
	[mm]	Dw ₁ /Dw ₂ min	Dz ₁ /Dz ₂ max	L ₁	L ₂	A	H	B	C		Pp _o /bar/
50/100	32	50/100	120/133	250	250	362	1200	72	60	170	70 - 220
50/125	36	50/125	120/160	250	250	362	1410	72	60	240	60 - 220
65/125	44	65/125	150/160	300	300	400	1410	82	70	240	40 - 220
	46	65/125	150/160	300	300	400	1410	82	70	250	
80/150	50	80/150	160/194	300	320	442	1520	95	76	275	25 - 220
	54		160/194	300	320	442	1520	95	76	275	
	56		165/194	300	320	442	1520	95	76	360	
100/200	63	100/200	195/236	350	380	500	1770	95	76	530	30 - 220
	70	100/200	195/267	350	380	500	1770	95	76	500	
125/200	84	125/200	190/245	300	380	500	1780	95	76	400	20 - 100
125/250	88	125/250	230/298	380	400	580	1900	95	76	930	35 - 220
150/250	93	150/250	215/298	320	380	524	1780	80	100	630	15 - 90
175/300	110	175/300	240/340	400	400	570	1850	90	120	650	10 - 80
	117	175/300	240/340	400	400	570	1850	90	120	650	
200/350	135	200/350	260/394	400	400	680	2120	100	140	740	10 - 70
	140	200/350	260/394	400	400	680	2120	100	140	740	
250/400	168	250/400	300/457	450	450	730	2220	100	140	880	10 - 60

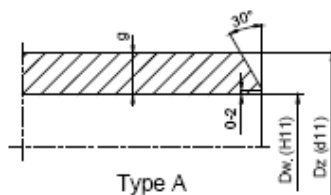
Operating data

Operating medium	steam, air, other neutral steams and gases
Maximum permissible operating temperature	TS = 580° C

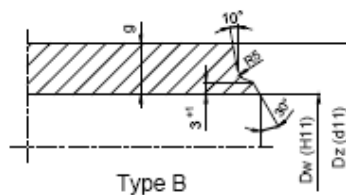
Materials

Body	GP240GH, G17CrMo5-5
Bonnet	GP240GH, G17CrMo5-5
Inlet nozzle	P245GH, 11CrMo9-10, X10CrMoVNb9-1
Outlet nozzle	P245GH, 11CrMo9-10, 13CrMo4-5

Type of welded end connections



Type A
for $g \leq 12\text{mm}$



Type B
for $g > 12\text{mm}$

Nominal diameter D_1 or D_2	End dimensions mm		End number
	D_z	D_w	
25	40	26	I
	42	32	IV
	45	30	V
	51	25	VI
	51	27	VII
32	51	35	VIII
	42	32	I
	63	40	II
40	65	51	III
	51	40	I
	57	40	II
	57	47	III
	58	47	IV
	59	43	V
	63	40	VI
	75	45	VII
50	75	63	VIII
	60	50	IX
	65	50	X
	65	51	XI
	68	50	XII
	72	54	III
	76	51	XIII
	78	63	XIV
	78	51	VII
	78	66	XV
	89	51	XVI
	89	62	XVII
65	89	80	XVIII
	115	62	XIX
	115	80	XX
	72	81	I
	78	66	II
80	84	66	III
	89	65	IV
	89	72	V
	89	76	VI
	89	80	VII
	105	74	VIII
	115	66	IX
	140	80	X
	140	105	XI
	92	80	I
	102	80	X
	102	85	XI
100	105	86	XII
	105	90	III
	106	97	XIII
	110	84	VI
	118	81	IX
	136	99	XIV
	140	80	XV
	140	125	XVI
	142	82	XVII
	159	90	XVIII
	159	92	XIX
125	159	125	XX
	112	99	I
	116	98	III
	123	101	X
	123	109	XI
	128	103	XII
	136	106	VI
	136	117	XIII
	145	105	XIV
	174	102	XV
	178	116	XVII
	195	115	XVI
150	136	124	I
	140	125	VIII
	162	127	V
	162	136	III
	162	145	IX
	174	132	X
	174	142	XI
	224	146	XII
	224	172	XIII
	174	152	IV
	174	157	III
	200	152	IX
175	200	156	VIII
	200	167	VI
	200	175	XII
	224	182	IV
	224	196	I
	224	195	IV
	224	203	II
	224	207	I
	248	202	VIII
	248	207	VII
	248	211	VI
200	277	253	II
	277	256	I
	288	252	XI
	300	263	XII
	330	303	I
	330	307	V
	360	352	VI
	380	353	VIII
	390	368	VII
	480	432	III
	480	417	VII

Additional information

Product meets requirements of Directive 97/23/WE/PED/

End connections: butt-welded ends

Acceptance tests: PN-EN 12266-1, WTWiO No. 015.07.1