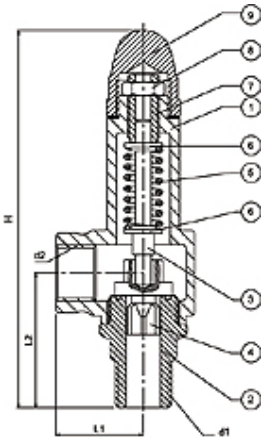
شرکت تولیدی و پخش شیرآلات صنعتی سام (سهامی خاص)

1	Body
2	Valve Seat
3	Steam
4	Disk
5	Spring
6	Sporting Shoe
7	Adjusting Screw
8	Stop Nut
9	Cap



		The Structure Specification of the Pressur Container						The Structure Specification of Boiler					
	Nominal Diameter	15	20	25	32	40	50	15	20	25	32	40	50
	Lift (mm)	0.5	0.76	1.0	1.28	1.52	2.0	0.5	0.76	1.0	1.28	1.52	2.0
	A(cm²)	0.133	0.321	0.555	0.909	1.282	2.22	113	283.3	490.6	803.8	1133.5	1962.5
	L1	32	35	45	50	60	70	32	35	45	50	60	70
	L2	48	60	67	82	90	103	48	60	67	82	90	103
	d1=d2 (inches)	½	¾	1	1¼	1½	2	½	¾	1	1¼	1½	2
	H	135	149	174	215	253	263	135	149	174	215	235	263
Blow-Off Capacity Of Saturated Steam	BLOW.OFF PRESSURE (Kg/cm²) 0.5	9.9	24.0	41.5	68.0	95.9	166	7.6	19.2	33.3	54.6	77	133
	1	13.1	31.5	45.6	89.4	126	218	103	26.0	45.1	73.9	104	180
	2	19.2	46.5	80.4	131	184	321	15.7	39.3	68.1	111	157	272
	3	25.3	61.1	105	173	244	422	20.9	52.4	90.7	148	209	369
	4	31.3	75.6	130	214	302	523	26.2	65.7	113	186	262	455
	5	37.6	90.8	157	257	357	628	31.5	79.0	136	224	316	547
	6	43.2	104	180	295	416	721	36.8	92.3	159	262	369	639
	7	49.4	119	206	337	476	825	42.1	105	182	299	422	732
	8	55.5	132	229	376	530	919	47.4	118	206	337	476	824
	9	61.1	147	255	418	589	1021	52.6	132	228	374	528	914
	10	66.2	159	276	453	638	1106	57.9	145	251	412	581	1006

Inlet thread: PT series
Outlet thread: PF seriesW = kg/h

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شرکت تولیدی و پخش شیرآلات صنعتی سام (سهامی خاص)

The Blow-Off Capacity Of Air (20°C) (NITROGEN, OXYGEN)								The Blow-Off Capacity Of Liquid (WATER)					
Nominal Diameter		15	20	25	32	40	50	15	20	25	32	40	50
Lift (mm)		0.5	0.76	1.0	1.28	1.52	2.0	0.5	0.76	1.0	1.28	1.52	2.0
A(cm²)		0.133	0.321	0.555	0.909	1.282	2.22	113	283.3	490.6	803.8	1133.5	1962.5
L1		32	35	45	50	60	70	32	35	45	50	60	70
L2		48	60	67	82	90	103	48	60	67	82	90	103
d1=d2 (inches)		½	¾	1	1¼	1½	2	½	¾	1	1¼	1½	2
H		135	149	174	215	253	263	135	149	174	215	235	263
BLOW.OFF PRESSURE (Kg/cm²)	0.5	14	34	60	98	139	241	5.2	12.7	22.0	36.0	50.9	88.1
	1	19	64	80	131	185	321	7.4	17.9	31.1	51.0	72.0	124.7
	2	28	69	120	197	278	482	10.5	25.4	44.0	72.1	101.8	176.7
	3	38	93	160	263	371	643	12.8	31.1	53.9	88.3	124.7	215.9
	4	48	116	201	329	464	804	14.8	35.9	62.3	102.0	144.0	219.4
	5	57	139	241	395	557	965	16.5	40.2	69.7	114.0	160.9	278.8
	6	67	162	281	460	650	1125	18.1	44.0	79.3	124.8	176.3	305.3
	7	77	186	321	526	743	1286	19.5	47.5	82.5	134.8	190.4	329.8
	8	86	209	361	592	835	1447	21.1	50.8	88.1	144.2	203.6	352.6
	9	96	232	402	658	928	1608	22.2	54.9	93.5	153.0	216.0	374.1
	10	105	255	442	724	1021	1769	23.3	56.8	98.5	161.2	227.6	394.3

Inlet thread: PT series
Outlet thread: PF series W = kg/h

Materials Specification					
No.	**Part Name**	**Material Group**	**Standards**		
			JIS	**ASTM**	**DIN**
1	Body	Cast Bronze	H5111-BC6	C48400	-
2	Valve Seat	Forged Brass	H3256-C3771	C37700	CuZn39Pb2
3	Stem	Leaded Brass Rod	H3250-C3604BE	C38500	CuZn39Pb3
4	Disk	Forged Brass	H3250-C3771	C37700	CuZn39Pb2
5	Spring	Stainless Steel Wire	G4314	A313	17224-1.4301
6	Spring Shoe	Leaded Brass Rod	H3250-C3640BE	C38500	CuZn39Pb3
7	Adjusting Screw	Leaded Brass Rod	H3250-C3640BE	C38500	CuZn39Pb3
8	Stop Nut	Leaded Brass Rod	H3250-C3640BE	C38500	CuZn39Pb3
9	Cap	Forged Brass	H3250-C3771	C37700	CuZn39Pb2

Set Pressure: 3.5 to 10 kg/cm² (50 to 150 psi)
Max. Temperature: 200°C

Bronze Safety Relief Valve

This type of safety valve is characterized by regulating of pressure in valve rising and blowing-out when actuated and is the smallest and lightest valve, and also can be used in non-corrosive gases (air, oxygen, nitrogen, etc.) steam and liquid such as, water and oil.