Strainer

HSV-3S | High Lift Safety Relief Vale

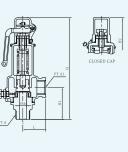
Specifications

Turpo	Working	Setting Pressure	Working		Connection			
Туре	Fluid	(kgf/cm ²)	Temperature	Body	Bonnet	Trim	Connection	
Lever	Steam, Air			Stainless	Cæst	Stainless		
NoLaver	Water, Oil	0.35~33	MAX. 220°C	Steel	Bronze	Steel	PT Screwed	



Dimensions

Size Part	d	ds	L	H1	Н	LIFT	Inlet	Outlet
$15A \times 20A$	15	14	42	60	192	1.0		
$20A \times 20A$	20	14	42	63	195	1.0		
25A × 25A	25	19	44	69	211	1.7		
32A × 32A	32	24	45	71	200	2.0	PT Screwed	PT Screwed
$40A \times 40A$	40	27 50 79 221 2.2						
50A \times 50A	50	33	62	93	244	4.5		



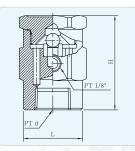
VSV-1S | Vacuum Breaker

Specifications

Turco	Setting Pressure	Working	Mate	Connection		
Туре	(kgf/cm [*])	Temperature	Body	Trim	CONNECTION	
Steam	_	MAX. 220°C	Brass	Stainless Steel	PT Screwed	

Dimensions

Size Part	d	L	Н	Inlet
15A	PT 1/2"	35	55	
20A	PT 3/4"	35	55	PT Screwed



Discharge Capacities

S: Saturated Steam (kg/h with 3% accumulation) A: Air (kg/h at 20°C with 10% accumulation) W: Water (m²/h at G=1 with 15% accumulation)

Model (LSV-1S)

Size	Effective Area(m²)	Fluid								Set P	ressure	k g f/cm²							
Size		FILIO	0.3	0.4	0.5	0.6	0.7	0.8	0,9	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	100
15A ~		S	35.78	38.17	40.56	4294	45.33	47.71	50.10	52.48	76.34	100.20	124.05	147.91	171,77	195.62	219.48	243.34	267.19
	62,83	Α	5265	56.90	61.15	65.40	69.65	73.90	78.15	82.40	124.89	167.39	209.88	252,38	294,87	337.36	379,86	422,35	464.85
20A		W	0.72	0.83	0.93	1.02	1.10	1.18	1.25	1.32	1.86	2,28	2.63	294	3.23	3.48	3,73	3.95	4.16
		S	76,05	81.12	86,19	91,26	96,33	101.40	106,47	111,53	162,23	212.93	263,63	314,33	365.02	415,72	466.42	517.12	567.81
25A	133,52	Α	111,89	120,93	129,96	138,99	148.02	157.05	166,08	175.11	265,41	355,72	446.02	536,32	626,63	716.93	807.24	897.54	987.84
		W	1,53	1,77	1,98	2,17	234	2,50	2,66	280	3,96	4.85	5,60	6,26	6,86	7.40	7.92	8,40	8,85
	221,17	S	125.97	134,37	14276	151,16	159.56	167.96	176.35	184.75	26873	352,71	436.69	520.67	604.64	688.62	772.60	856.58	940.56
32A		А	185.35	200.31	215.27	230,22	245.18	260.14	275.10	290.06	439.64	589,23	738.81	888.40	1037.98	1187.56	1337.15	1486,73	1636,32
		W	1.53	1,77	1,98	2,17	234	2,50	2.66	280	3.96	4.85	5.60	6.26	6,86	7.40	7.92	8,40	8.85
		S	164.62	175,59	186, 57	197.54	208,52	219,49	230,46	241.44	351,18	460,93	570,67	680.42	790.16	899,91	1009,65	1119,40	1229.14
4 0 A	289.03	А	242,22	261,77	281,31	300,86	320,41	339,96	359,51	379,05	574,53	770.02	965,50	1160.98	1356,46	1551,94	1747.42	1942,90	2138,38
		W	3,32	3.83	4,28	4.69	5.07	5.42	5.75	6.06	857	10.49	12,12	13.55	14.84	16.03	17.14	18, 18	19.16
		S	223,66	238.57	253,48	268.40	283.31	298,22	313.13	328.04	477.15	626,26	775.36	924.47	1073.58	1222,69	1371.80	1520,91	1670.02
50A	3927	Α	329,10	355,66	382,22	408,78	435,34	461.90	488,45	515.01	780.61	1046,21	1311,80	1577.40	1842,99	2108,59	2374, 19	2639,78	2905,38
		W	4.51	5.21	5.82	6.38	6.89	7.36	7.81	823	11.64	14,26	16.46	18,41	20.16	21.78	23,28	24,70	26.03

Model (HSV-3S)

Size	Effective	Fluid								Set P	ressure	k g f/cm²							
SIZE	A rea(nn²)	FILIC	11	12	13	14	15	16	17	18	19	20	21	22	24	26	28	30	32
15A~		S	189, 19	204.69	220,20	235.71	251.21	266,72	282,23	297.73	313,24	328,75	344,26	359,76	390.78	421,79	452.80	483,82	514.83
	40.84	Α	329,77	357.40	385.02	412.64	440.26	467.88	495.50	523,12	550.75	578.37	605,99	633.61	688.85	744.10	799.34	854.58	909.82
20A		W	284	297	3.09	3.20	3.32	3.42	3.53	3.63	3.73	3.83	3.92	4.02	4.19	4.37	4.53	4.69	4.84
		S	445.31	481.81	518.31	554.81	591.31	627.81	664.31	700.81	737.31	773.81	810.31	846.82	919.82	992.82	1065.82	1138,82	1211.82
25A	96,13	Α	776.23	841.25	906,26	971,28	1036,29	1101.31	1166.33	1231.34	1296.36	1361.37	1426.39	1491.40	1621.44	1751.47	1881.50	2011.53	2141.56
		W	6.68	6.98	7.27	7.54	7.80	8.06	831	855	878	9.01	9.23	9.45	9.87	10, 27	10,66	11.04	11.40
		S	669.42	724,29	779.16	834.03	888,90	943.77	998.64	1053,52	110839	1163,26	1218,13	1273.00	1382,74	1492,48	1602,22	1711.96	1821.70
32A	144,51	Α	1166,89	1264.63	1362.36	1460.10	1557.84	1655.57	1753.31	1851.05	1948,78	2046.52	2144,26	2241.99	2437.47	2632.94	2828.42	3023.89	3219.36
		W	10.05	10.49	10.92	11.33	11.73	12,12	12.49	12.85	13,20	13.55	13.88	14.21	14.84	15.45	16.03	16.59	17.14
		S	832,43	900.67	968,90	1037.13	1105,36	1173.60	1241,83	1310.06	1378,29	1446.52	1514,76	1582,99	1719,45	1855,92	1992,38	2128,85	2265,31
4 0 A	179.7	Α	1451.04	1572.58	1694.12	1815.65	1937.19	2058,73	2180,26	2301.80	2423.34	2544.87	2666.41	2787.95	3031.02	3274,10	3517.17	3760.24	4003.32
		W	12,49	13.05	13.58	14.09	14.59	15.07	15.53	15.98	16.42	16.85	17.26	17.67	18.45	19,21	19.93	20.63	21.31
		S	2095.63	2267.40	2439.18	2610.95	2782.72	2954,49	3126.27	3298.04	3469.81	3641.59	3813.36	3985.13	4328.68	4672.22	5015.77	5359.32	5702.86
50A	452,39	Α	3652.96	3958.92	4264.89	4570.86	4876.82	518279	5488.75	5794,72	6100.69	6406.65	671262	701859	7630.52	8242.45	8854.38	9466.31	10078,25
		W	31.45	32,85	34,19	35,48	36,73	37.93	39,10	40,23	41.34	42.41	43,46	44,48	46,46	48,35	50,18	51,94	53.64

Model (FSV-1F / 2F)

Size	Effective	Fluid								Set P	ressure	k g f/cm²							
SIZE	A rea(nn²)	гии	1	2	3	4	5	6	7	8	9	10	11	12	14	16	18	19	20
		S	91.42	13298	174.53	216.09	257.65	299.20	340.76	382.31	423.87	465.43	50698	548.54	631.65	714.76	797.87	839.43	880,98
15A	108.87	А	143,53	217.55	291.57	365,59	439.61	51363	587.65	661.67	735.69	809.71	883,73	957.75	1105,79	1253.84	1401.88	1475.90	1549.92
		W	2.18	3.08	3.77	4.35	4,87	5.33	5.76	6.16	6.53	6.89	722	7.54	8.15	8.71	9.24	9.49	9.74
		S	155.53	226.23	296.93	367.63	438.32	509.02	579.72	650.42	721.11	791.81	862.51	93320	1074.60	1215.99	1357.39	1428.09	1498.78
20A	176,71	А	244.19	370.11	496.04	621.97	747,90	873.82	999.75	1125.68	1251.61	1377.53	1508.46	1629.39	1881.25	2133.10	2384.96	2510.88	2636.81
		W	3.70	5.24	6.42	7.41	8,28	9.07	9.80	10.48	11,11	11,71	12, 29	12,83	13,86	14.82	15,72	16,15	16,57
		S	249.55	362,99	476.42	589,85	703,29	816,72	930,15	1043,59	1157.02	1270,45	1383,89	1497.32	1724, 19	1951.05	2177,92	2291.35	2404,79
25A	283.53	Α	391.79	593.84	795.89	997.94	1199.99	1402.04	1604.09	1806.15	2008.20	2210.25	2412.30	2614.35	3018.45	3422.55	3826.65	4028.70	4230.75
		W	5.94	8.41	10.29	11,89	13.29	14,56	15,72	16.81	17.83	18.79	19.71	2059	2224	23,77	2522	2591	2658
32A~		S	622,15	90495	1187,75	1470.55	1753,34	2086.14	2318,94	2601,73	2884.53	3167.33	3450,13	3732,92	4298.52	4864.11	5429,71	5712,50	5995,30
	706.86	Α	976.77	1480,49	1984,22	2487.94	2991.67	3495.40	3999.12	4502,85	5006,57	5510.30	6014,02	6517.75	7525,20	8532,65	9540.10	10043,82	
4 0 A		W	14.82	2Q95	25.66	29.63	33,13	3629	3920	41.91	4445	46.86	49.14	51.33	55,44	59.27	62.86	64.59	66,26
		S	998.20	1451.93	1905.66	2359,39	2813.12	3266.85	372058	4174,31	4628.04	5081.77	5535.50	5989.23	6896.69	7804.14	8711.60	9165.33	9619.06
50A	1134,11	Α	1567,16	2375,35	3183,55	3991,74	4799.94	5608.13	6416,32	7224,52	8032.71	8840.90	9649.10	10457,29	12073.68	1369 0.07	15306,45	16114.65	16922,84
		W	2377	33,62	41.18	47.55	53,16	58,23	62,90	67,24	71,32	75.18	78,85	82,35	88,95	95,09	100.86	103,62	106.32
		S	1659.76	2414,20	3168.64	3923.08	4677,51	5431,95	6186,39	6940,83	7695,27	8449.70	9204.14	9958.58	11467.45	12976,33	14485,21	15239.64	15994.08
65A	1885,74	Α	2605.80	3949.62	5293.44	6637.26	7981.09	9324.91	10668.73	12012.56	13356.38	14700.20	16044.03	17387.85	20075.50	22763.14	25450.79	26794.61	28138.43
		W	39,53	5590	68.47	79.06	88,39	96.82	104,58	111.80	118.59	125.00	131,10	136,93	147,90	158,11	167.71	172,30	176.78
		S	257226	3741.46	4910.67	6079.88	7249.09	8418.30	9587.50	10756,71	11925.92	13095.13	14264,33	15433.54	17771.96	2010.37	22448.79	23618.00	2478720
8 0 8	2922,47	Α	4038.39	6121.01	8203.64	10286.26	12368.88	14451.50	16534.12	18616.74	20699.36	22781.99	24864.61	2694723	31112.47	35277.71	39442.96	41525.58	43608,20
		W	61.26	86.64	106.11	122.52	136.98	150,06	162.08	173.27	183,78	193,72	208.18	212.21	229.21	245.04	259.91	267.03	273.96
		S	3992,84	5807.76	7622,69	9437.61	11252.54	13067.46	14882.39	16697.31	18512,24	20827.16	22142,09	23957.01	27586.86	31216.71	34846.56	36661.49	38476.41
100A	4536,46	А	6268,67	9501,46	12734,25	15967.04	19199,83	22432.62	25665.41	28898,20	32130,98	3536377	38596,56	41829,35	4829493	54760.51	61226,09	64458.87	67691.66
		W	95,09	13448	16470	190,18	212,63	232,93	251,59	268,96	285,28	300,71	315,39	329,41	355,80	380,37	40344	41450	425,27
		S	6238,81	9074.63	11910.45	14746,27	17582.09	20417.91	23253,73	26089.55	2892537	31761.20	34597.02	37432,84	43104.48	48776.12	54447.76	57283,58	6019.41
125A	7088.22	А	9794,80	14846.04	19897,27	2494850	29999,74	35050,97	40102.20	45153,44	50204,67	55255,91	60307,14	65358,37	75460,84	85563,31	95665,78	100717,01	105768.24
		W	148.58	210.18	257.35	297.16	332.24	363.95	398.11	42025	445.75	469.86	492.79	514,70	555.94	594.33	630,38	647.65	664.48
		S	9142.18	13297.72	1745326	21608.79	25764.33	29919.87	34075.40	3823094	4238648	46542.02	50697,55	54853.09	63164.16	71475.24	79786.31	83941.85	88097.39
150A	10886.89	Ā	14353.04	21754.99	29156.93	36558.88	43960.82	51362.76	58764.71	66166.65	73568.60	80970.54	88372.49	95774,43	110578.32	125382.21	140186.10	147588.04	15498998
		W	217.73	307.91	377.12	435.46	486.85	533.32	576.05	615.83	653.18	688.52	722,12	754,23	814.66	870.91	923,74	949.05	973.71
		S	15553.81	22623.72	29693.63	36763.55	4383346			65043.20	72113.11	79183.02	8625294	93822.85	107462.68	121602.50			
200A	17671.46	Ă	24419.17		49605.37	62198.47		87384.68							188129.49				
LUUA	200A 170/140	W	370.43	523,86	641.60	740.85	828,30	90735	980.05	1047.72	111128	1171.39	1228.56	1283,19	1386.01	1481.70	1571.58	1614.65	1656,59
_			0.0.40	0.00	0-1.00	110,00	0.000	00/.00	000. W	10 1 .12		1111.00	120.00	100.10	1000.01	1.01.7 0	1071.00	10 17.00	1000.000