

PRODUCT INFO

SRV AND SRV-SS SAFETY RELIEF VALVE

These valves are used as a safety device on pipelines and pressure vessels to relieve excess pressure and help prevent ruptures and water hammer. Adjustable pressure range allows setting at various relief pressures simply by screwing the adjustment screw up or down.

Both SRV and SRV-SS also come equipped with tamper resistant locking cap and soft sealing for drip tight shut off. A choice of Bronze (SRV) or Stainless Steel (SRV-SS) makes this range suitable for most applications.



SRV



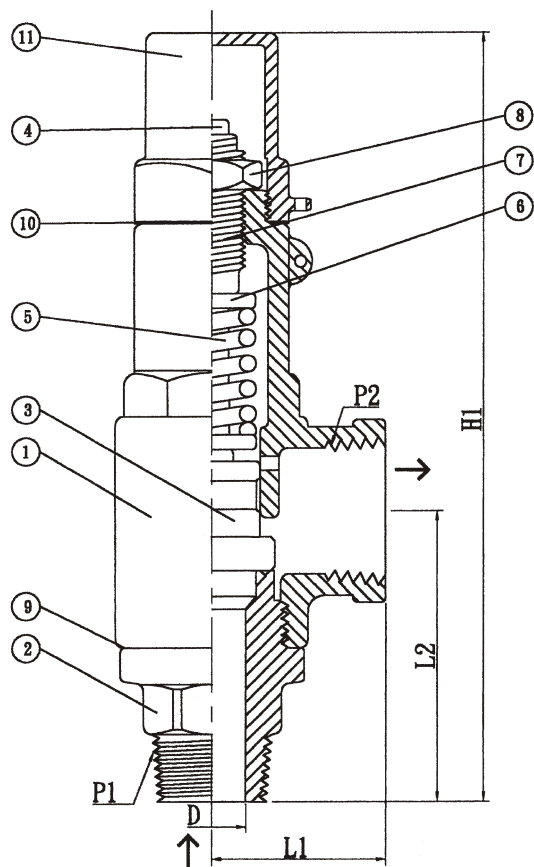
SRV-SS

TECHNICAL DATA

SIZES AVAILABLE	1/2" to 2" BSP MALE CONNECTION
MAXIMUM PRESSURE	1/2" to 1" 40 BAR 1 1/4" to 1 1/2" 30 BAR 2" 20 BAR
STANDARD SPRING RANGE	1-12 BAR
OPTIONAL SPRING RANGE	10-20 BAR and 20-30 BAR (OTHERS AVAILABLE)
MINIMUM PRESSURE	0.3 BAR
MAXIMUM WORKING TEMPERATURE	185°C (DEPENDANT ON SOFT SEAT MATERIAL)

DIMENSIONS AND WEIGHTS

TYPE	P1 (BSP)	P2 (BSP)	D	LIFT	L1	L2	HI	WEIGHT KG
SRV	1/2	1/2	13	0.52	32	52	140	0.51
SRV-SS	1/2	1	21	2.50	40	66	180	1.30
SRV	3/4	3/4	19	0.76	36	58	150	0.63
SRV-SS	3/4	1	21	3.20	40	66	180	1.30
SRV	1	1	25	1.00	40	71	185	1.14
SRV-SS	1	1	21	4.80	40	66	180	1.30
SRV	1 1/4	1 1/4	32	1.28	52	83	208	2.03
SRV-SS	1 1/4	2	32	6.50	66	102	264	4.90
SRV	1 1/2	1 1/2	38	1.52	58	96	236	2.60
SRV-SS	1 1/2	2	38	7.30	66	102	264	5.00
SRV	2	2	50	2.00	65	103	265	3.84
SRV-SS	2	2	50	8.50	66	105	267	5.30



COMPONENTS

NUMBER	NAME	SRV-SS	SRV
1	VALVE BODY	316 SS	BRONZE
2	VALVE SEAT	316 SS	BRASS
3	DISC	316 SS	BRASS
3	DISC SEAL	PTFE	PTFE
4	STEM	304 SS	BRASS
5	SPRING	304 SS	STEEL
6	SPRING SEAT	304 SS	BRASS
7	THREAD ROD	304 SS	BRASS
8	ADJUST NUT	304 SS	BRASS
9	PACKING	PTFE	N/A
10	PACKING	PTFE	FIBRE
11	CAP	316 SS	BRASS

FLOW RATE L / MIN OF WATER

SET PRESS BAR	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
1	21	33	60	97	141	234
2	29	46	85	138	199	331
3	36	57	104	169	244	405
4	42	66	120	195	282	468
5	47	74	134	218	315	523
6	51	81	147	239	345	573
7	55	87	159	258	373	619
8	59	93	170	276	398	662
9	63	99	180	293	423	702
10	66	105	190	308	445	740
11	70	111	200	323	463	778
12	76	120	215	340	485	815
13	82	129	230	365	512	835

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