

Data Sheet

Lockshield Valve with Metric Thread Type RLV-S, Standard or Noise Reduction Tailpiece (SN)

Application



RLV-S 10/15 with low noise tailpiece



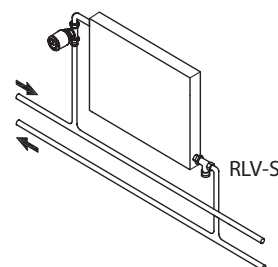
RLV-S 10/15 with standard tailpiece



RLV-S 10 angle pattern

RLV-S lockshield valves are mounted in the radiator outlet to allow closing of each radiator individually for trouble-free maintenance or repair without affecting other radiators in the system. RLV-S lockshield valves are available with standard or noise reduction (low noise) tailpiece in angle and straight patterns. Factory setting is fully open valve.

System



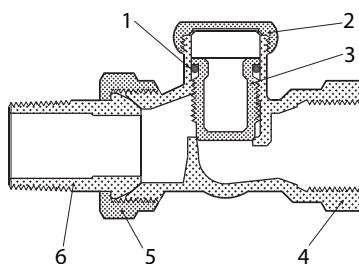
In order to avoid deposition and corrosion the composition of the hot water must be in accordance with the VDI 2035 guideline (Verein Deutscher Ingenieure).

Ordering and Technical Data

Type	Design	Tailpiece	Connection		k_{vs} -value (m ³ /h)	LVI no.	Code no.
			System	Radiator			
RLV-S 10/15	straight	low noise	G $\frac{3}{8}$	R $\frac{1}{2}$	0.85	4035091	013G3140
RLV-S 10/15	straight	standard	G $\frac{3}{8}$	R $\frac{1}{2}$	1.04	4035040	013G6290
RLV-S 10	angle	standard	G $\frac{3}{8}$	R $\frac{3}{8}$	1.92	4035041	013G6291
RLV-S 10	straight	standard	G $\frac{3}{8}$	R $\frac{3}{8}$	1.04	4035042	013G6292
RLV-S 10	angle	low noise	G $\frac{3}{8}$	R $\frac{3}{8}$	1.27	4035043	013G6293
RLV-S 10	straight	low noise	G $\frac{3}{8}$	R $\frac{3}{8}$	0.85	4035044	013G6294
RLV-S 15	straight	standard	G $\frac{1}{2}$	R $\frac{1}{2}$	1.45	4035046	013G6296
RLV-S 15	angle	standard	G $\frac{1}{2}$	R $\frac{1}{2}$	3.24	4035047	013G6297
RLV-S 15	straight	low noise	G $\frac{1}{2}$	R $\frac{1}{2}$	1.27	4035048	013G6298
RLV-S 15	angle	low noise	G $\frac{1}{2}$	R $\frac{1}{2}$	2.05	4035049	013G6299

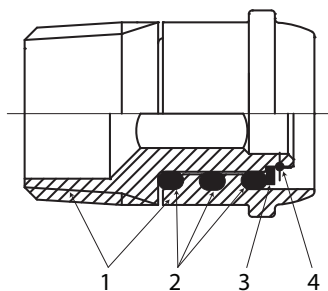
Technical data: max. working pressure: 10 bar, test pressure: 16 bar, max water temperature: 120 °C.

Design



Materials, RLV-S

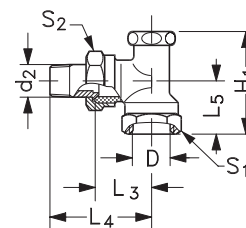
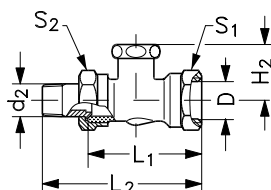
1. O-ring	EPDM
2. Cover cap	Brass
3. Shut-off spindle	Brass
4. Valve body	Brass
5. Union nut	Brass
6. Nipple	Brass



Materials, noise reduction tailpiece

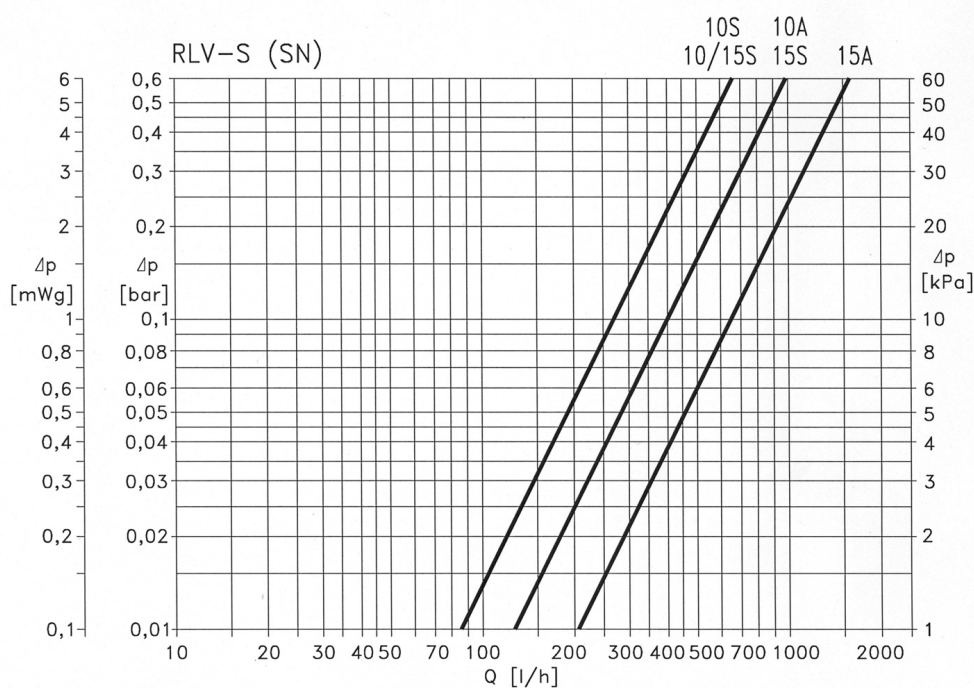
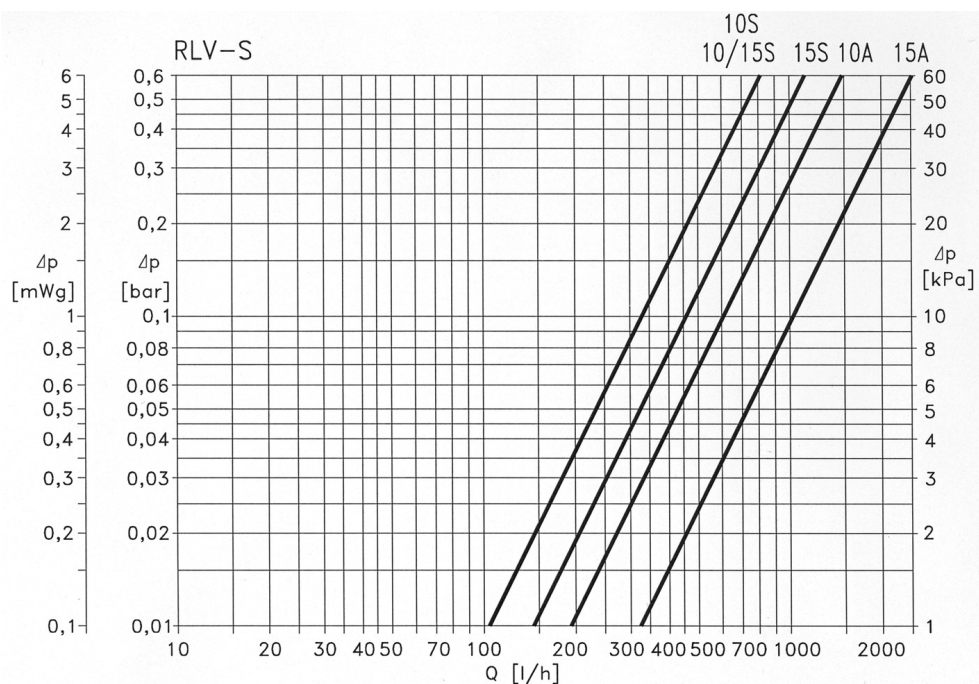
1. Tailpiece	Brass
2. O-rings	EPDM
3. Washer	Tin-bronze
4. Locking ring	Steel

Dimensions



Type	D	d ₂	H ₁	H ₂	L ₁	L ₂	L ₃	L ₄	L ₅	S ₁	S ₂
RLV-S 10	G 3/8	R 3/8	42	26	51	75	27	51	23	22	27
RLV-S 10/15	G 1/2	R 1/2	52	26	51	75	27	51	23	22	27
RLV-S 15	G 3/4	R 3/4	52	28	53	80	30	57	27	27	30

Capacities



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