

## 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



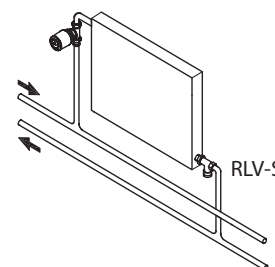
RLV-S 10/15 with standard tailpiece



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



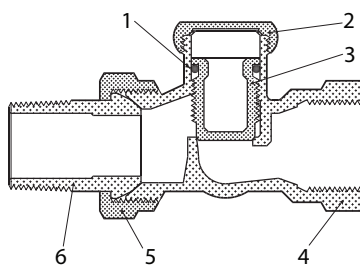
In order to avoid deposition and corrosion the composition of the hot water must be in accordance with the VDI 2035 guideline (Verein Deutscher Ingenieure).

### Ordering and Technical Data

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

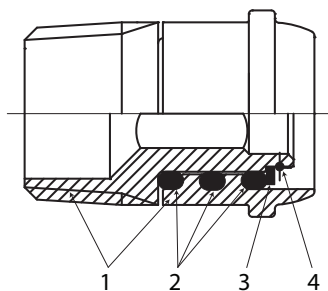
**Technical data:** max. working pressure: 10 bar, test pressure: 16 bar, max water temperature: 120 °C.

Design



Materials, RLV-S

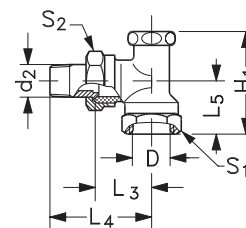
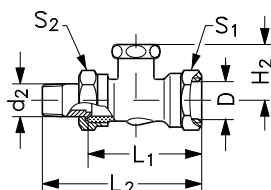
1. O-ring	EPDM
2. Cover cap	Brass
3. Shut-off spindle	Brass
4. Valve body	Brass
5. Union nut	Brass
6. Nipple	Brass



Materials, noise reduction tailpiece

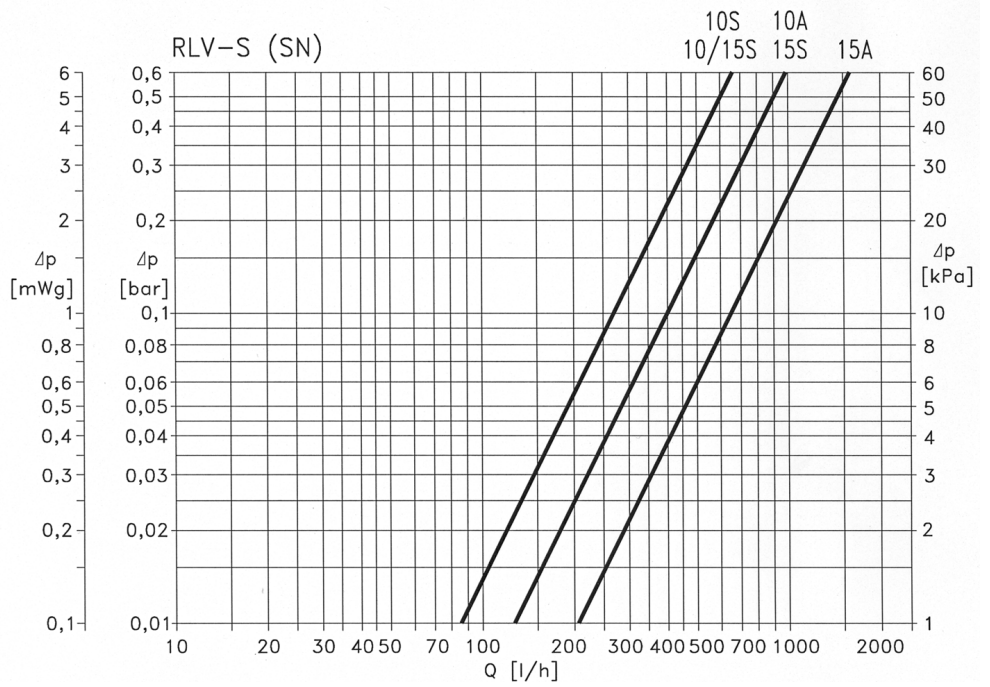
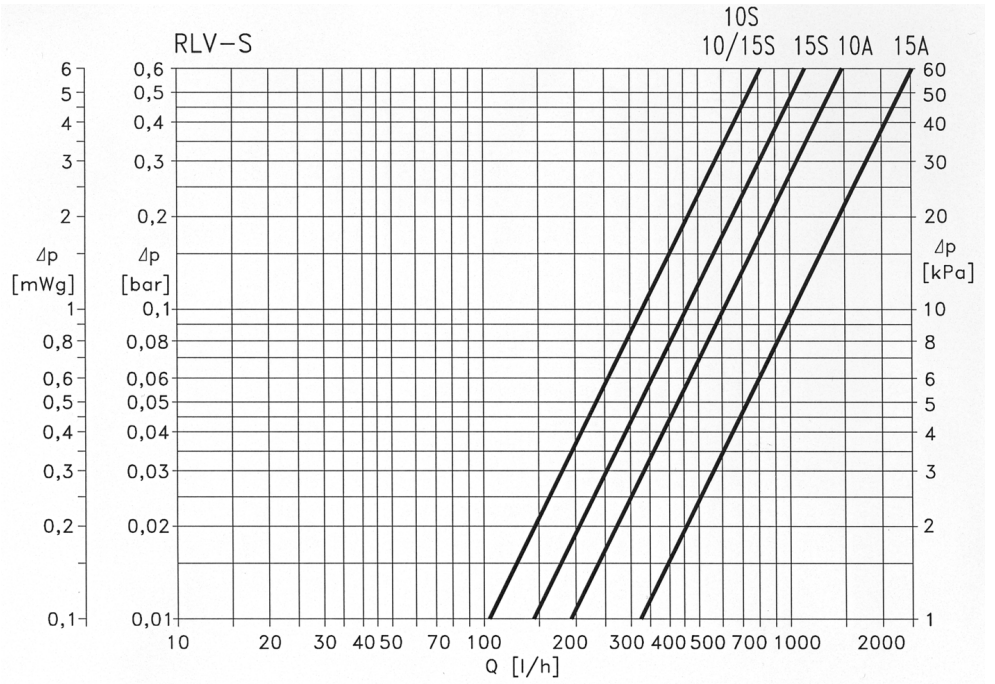
1. Tailpiece	Brass
2. O-rings	EPDM
3. Washer	Tin-bronze
4. Locking ring	Steel

Dimensions



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

Capacities



Danfoss A/S  
Heating Solutions  
Haarupvaenget 11  
8600 Silkeborg  
Denmark  
Phone: +45 7488 8000  
Fax: +45 7488 8100  
Email: [heating.solutions@danfoss.com](mailto:heating.solutions@danfoss.com)  
[www.heating.danfoss.com](http://www.heating.danfoss.com)

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