

## Data Sheet

# H-Piece Valves Type RLV-KS for Valve Radiators in Two-Pipe Systems

### Application



RLV-KS straight, 1/2" and 3/4" connection

RLV-KS angle, 1/2" and 3/4" connection

By means of the H-piece valve type RLV-KS, every valve radiator with a centre distance between the connections of 50 mm can be blocked individually, e.g. in order to carry out trouble-free maintenance without affecting other parts of the system.

H-piece valve type RLV-KS is nickel plated and is available in straight and angle versions. The H-piece can be used directly for radiators with an external thread of 3/4". With a self-sealing adapter the H-piece can be used for radiators with an internal thread of 1/2" as well.

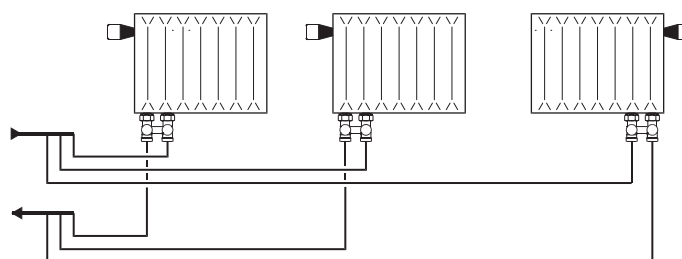
Connection to copper, soft steel, PEX and Alupex pipes is made with Danfoss compression fittings (see separate datasheet). All connections are self-sealing.

Connection to system pipes in accordance to DIN V 3838.

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

### System


Two-pipe system



### Data and Ordering

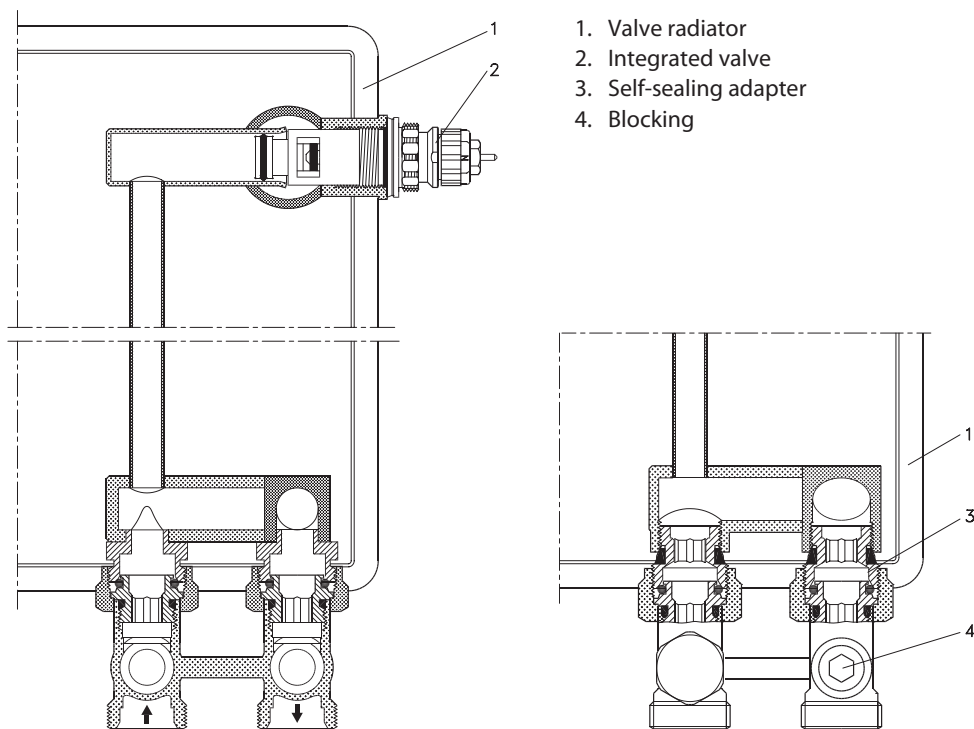
Type	Version	Connection		Max. operation pressure	Test pressure	Max. water temperature	k <sub>vs</sub>	Code no.
		Radiator	System					
RLV-KS	Angle	G 1/2	G 3/4	10 bar	16 bar	120 °C	1.3 m <sup>3</sup> /h	003L0222
	Straight							003L0220
	Angle	G 3/4 A	G 3/4					003L0223
	Straight							003L0221

Accessories

Product		Code no.
Self-sealing connection nipple, G $\frac{1}{2}$ A / G $\frac{3}{4}$ A external thread <sup>1)</sup>		003L0297

<sup>1)</sup> Packing size = 20 pcs.

Design



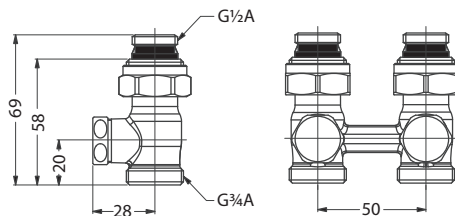
- 1. Valve radiator
- 2. Integrated valve
- 3. Self-sealing adapter
- 4. Blocking

**Materials in contact with water**

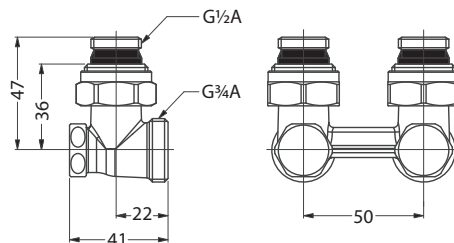
Valve body and other metal parts	Ms 58
O-ring	EPDM

Dimensions

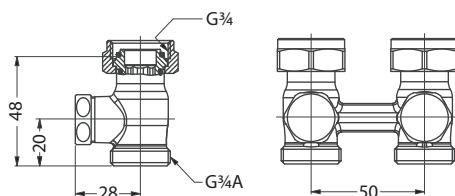
*RLV-KS straight, G 1/2 A radiator connections*



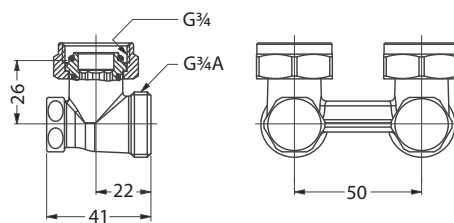
*RLV-KS angle, G 1/2 A radiator connections*



*RLV-KS straight, G 3/4 radiator connections*



*RLV-KS angle, G 3/4 radiator connections*



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