

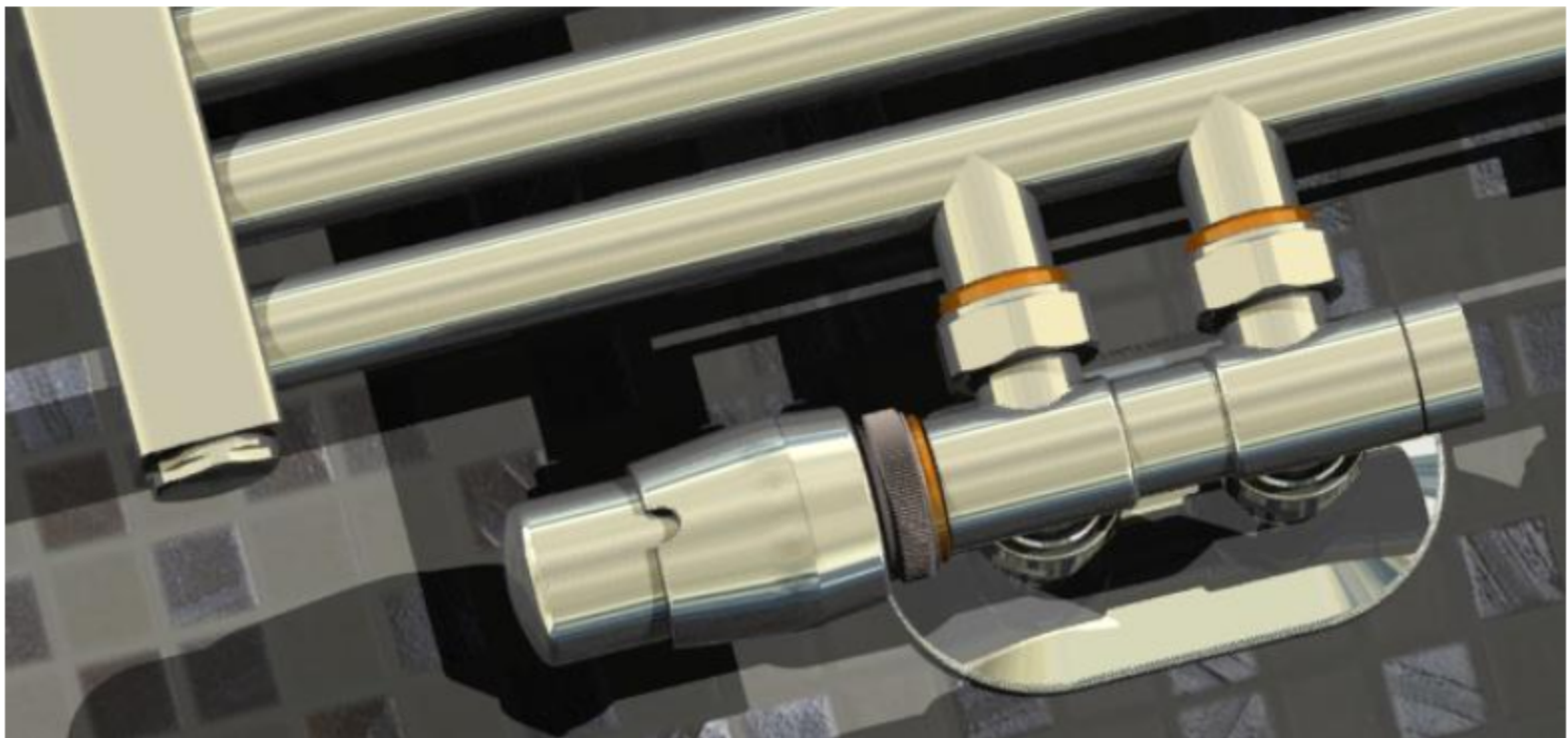
DATA SHEET

TWINS thermostatic valve



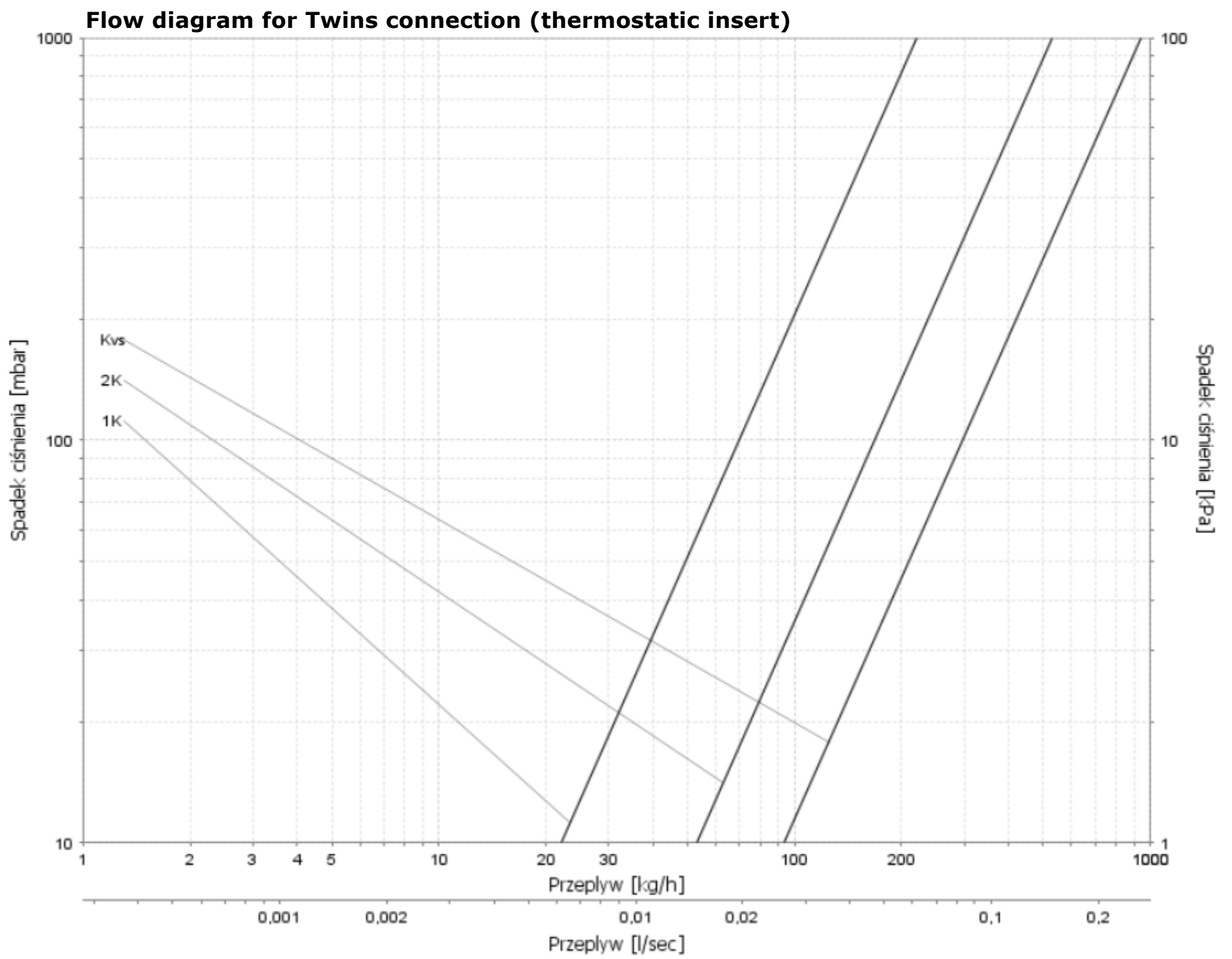
APPLICATION

The TWINS connection has been specially designed for decorative and bathroom radiators with bottom connection and nozzles with 50 mm spacing. The TWINS connection regulates the flow of water flowing from the radiator as well as has a water cut-off function. The construction of the TWINS connection allows it to be installed under a radiator with a head parallel to the wall, inside the outline of the radiator, which protects it against accidental damage.



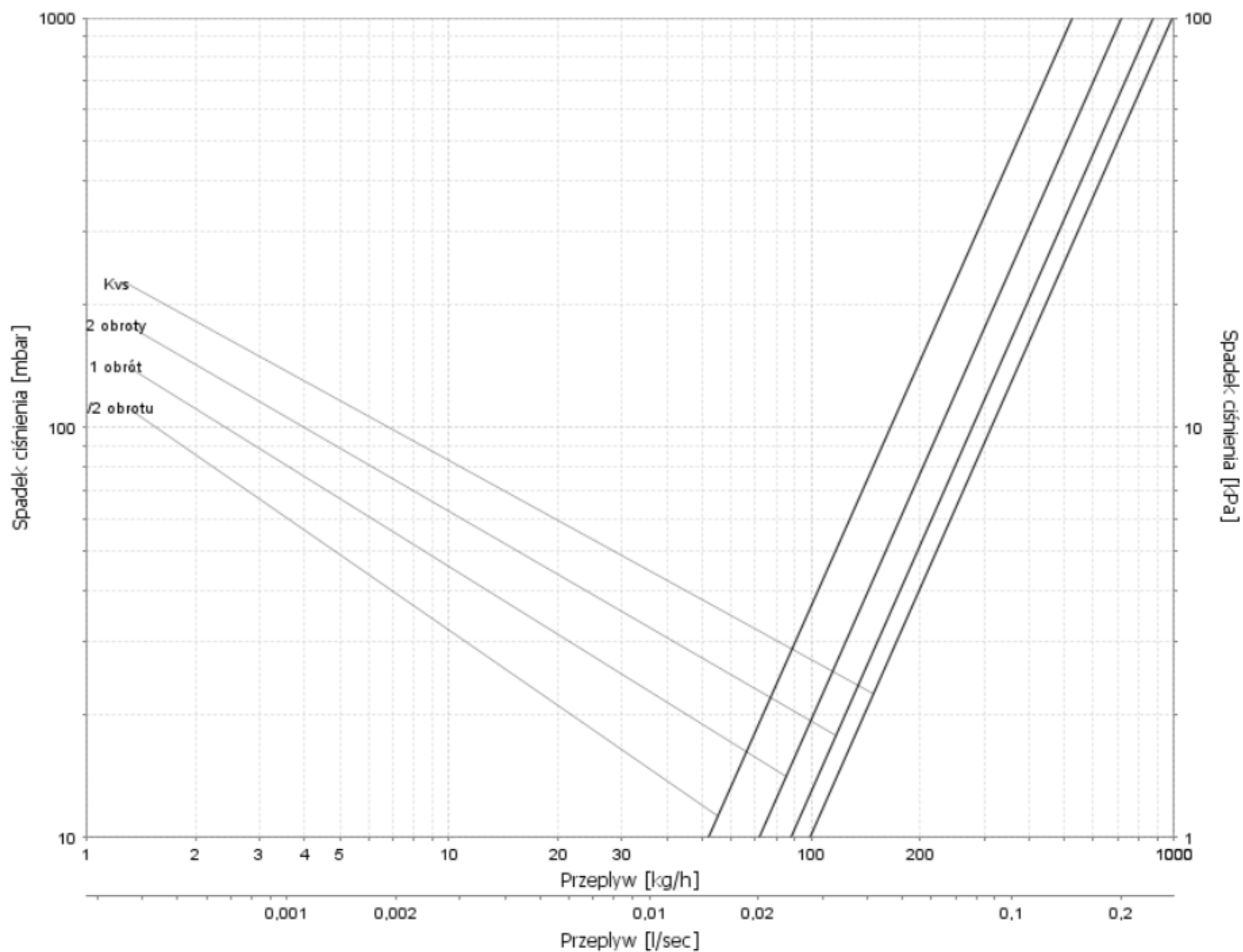
SPECIFICATION

Working temperature	up to 120°C
Nominal pressure	1MPa
Heating factor	water
Test pressure	1.5 MPa
Presetting	on the insert valve
Radiator connection	G ¾



The degree of opening of the valve	1K	2K	KVS
Kv	0,2	0,5	0,9
Tolerance	± 10%		

Flow diagram for the TWINS connection (shut-off insert)



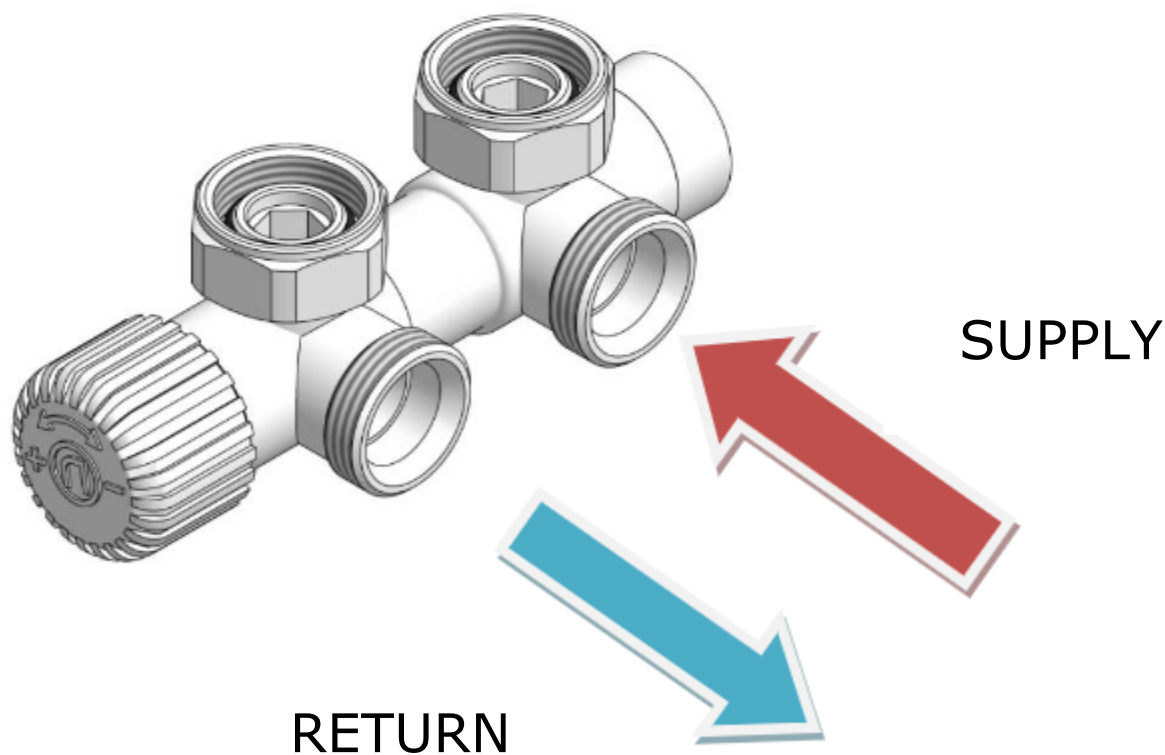
Kv value for a given number of turns				
Number of turns in the direction of opening valve	1/2	1	2	Kvs
Kv	0.5	0.7	0.85	0.9
Tolerance	± 10%			

Attention:

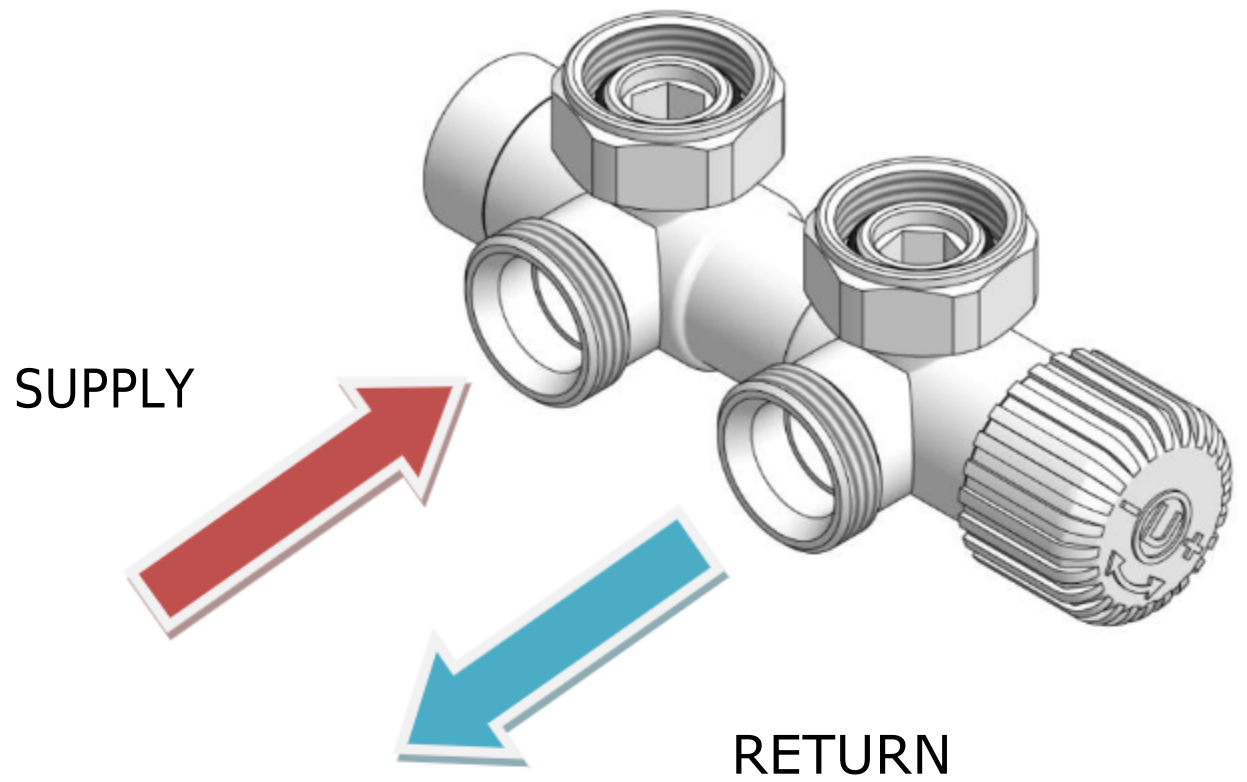
- Install the thermostatic head from the return side (if the power supply is on the right side, looking at the radiator, the thermostatic head should be on its left side).
- TWINS connections are factory-set to the open position.
- The pre-setting at the TWINS connection is carried out using the stop valve insert. To change the presetting, first close the stop valve insert (max. 3Nm - slight tightening), then starting from the closed position of the valve insert unscrew to the left by the appropriate number of turns to obtain the desired size Kv shown in the flow diagram above.
- The connection has the function of cutting off the radiator for maintenance and repair works or replacing the radiator. However, this work must be carried out with the flow cut off heating medium on the cutting insert (by tightening the spindle of the cutting insert at using an allen key with a force not exceeding 3Nm) and on a thermostatic insert using a protective cap. The connection, however, cannot be left unattended while carrying out the above works. When working for more than 1 day it is recommended to secure the connection points to the radiator with additional valves cut-offs or stoppers to avoid undesirable effects e.g. flooding.

Correct installation of the TWINS connection to the installation:

-RIGHT RIGHT

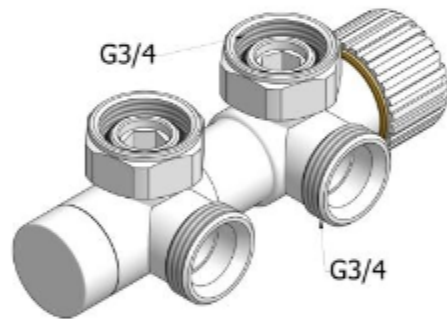


· LEFT version



CONSTRUCTION

DRAWING

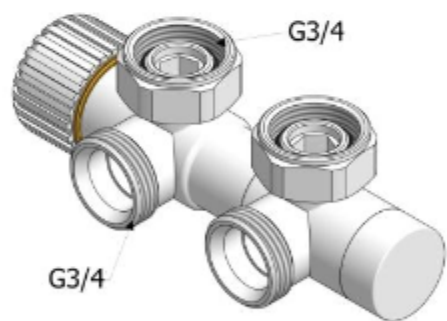


DESCRIPTION

TWINS connection

left angle figure

G3 / 4 x G3 / 4



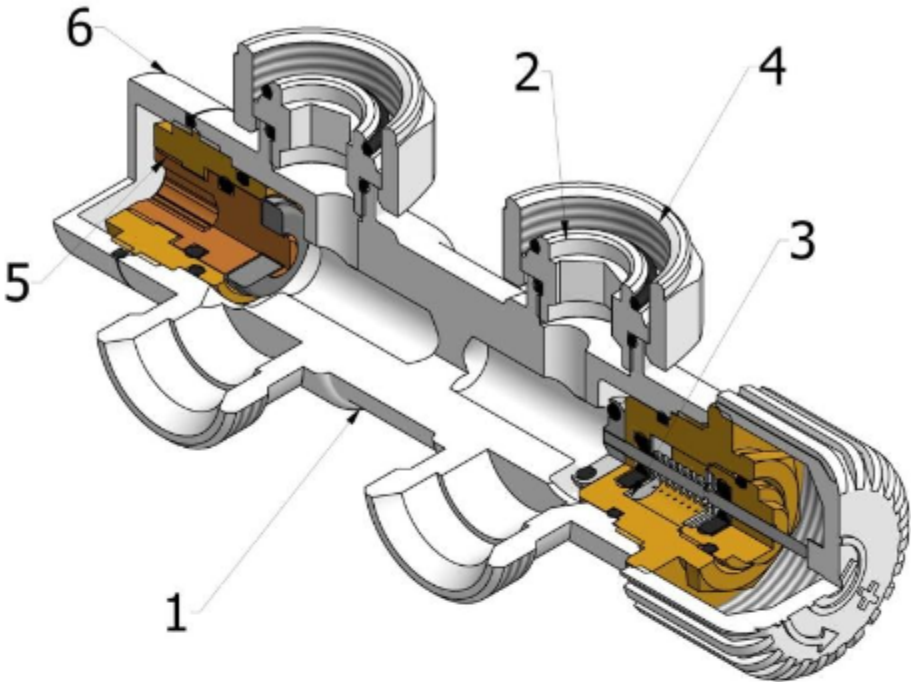
TWINS connection

right angle figure

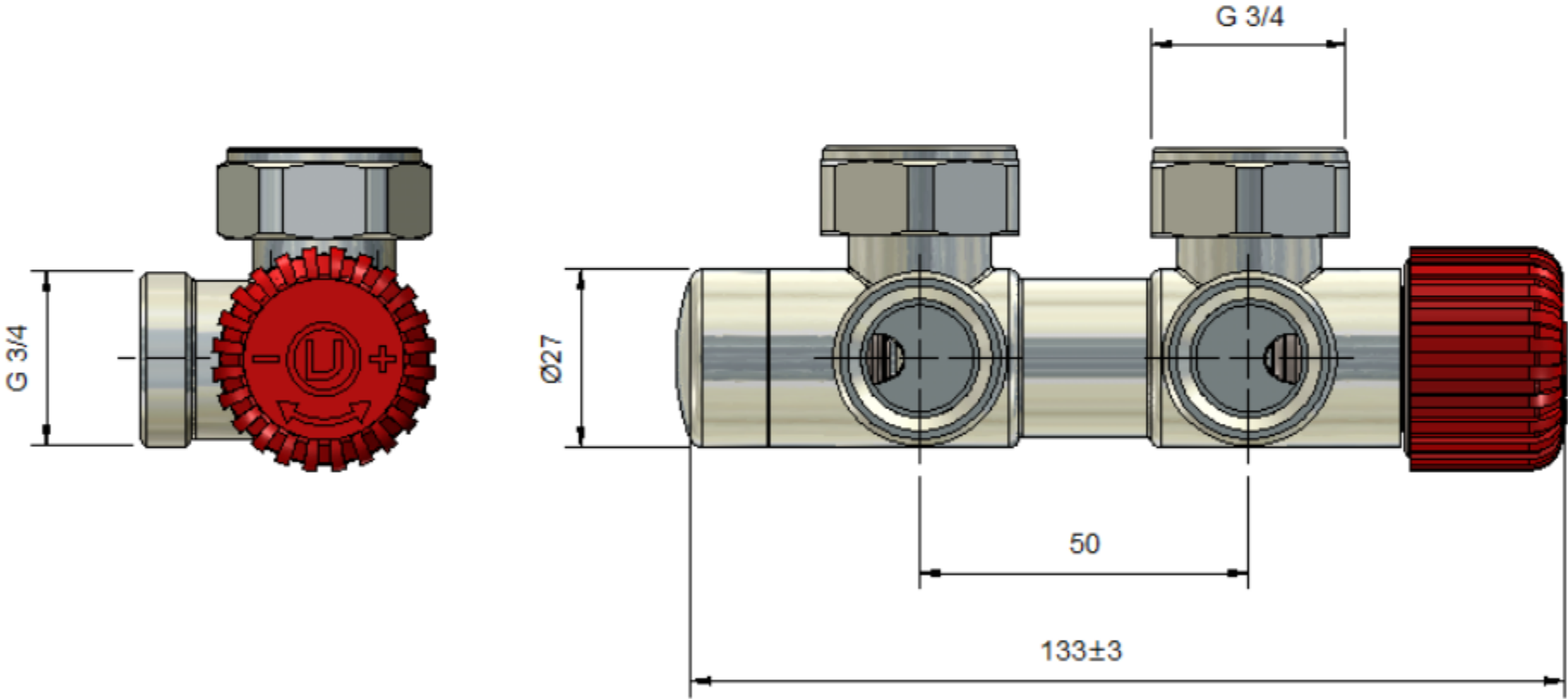
G3 / 4 x G3 / 4

Construction of Twins connections

- 1. Connection body
- 2. Saddle
- 3. Valve insert thermostatic
- 4. G 3/4 nut
- 5. Shut-off valve insert
- 6. Cap



DIMENSIONS

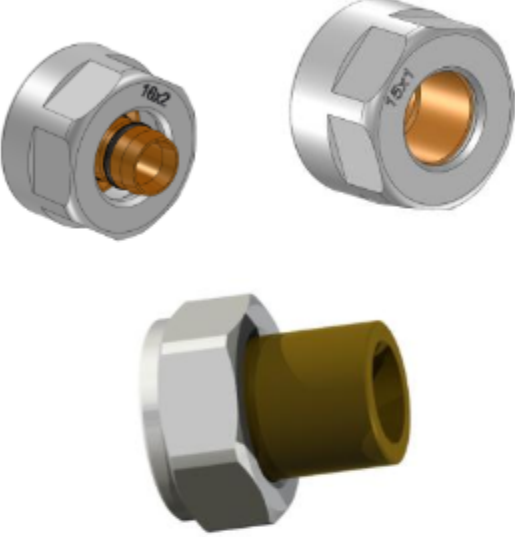
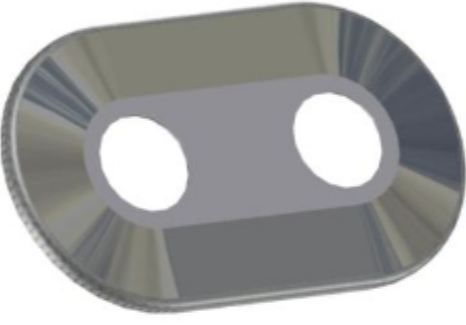




PERFORMANCE

All color versions are available on www.varioterm.pl

CONNECTION ACCESSORIES

(useful for connecting the valve and aesthetic finish of the installation)

	<p>Pex 16x2, Cu 15x1 adapters and R1/2 coupling</p>
	<p>Rosette masking double 1/2 " or 50mm spacing sleeves</p>
	<p>Masking Pex / Cu pipes (various lengths)</p>
	<p>Reducing nipple 1/2" x 3/4"</p>