

evo*flow*



- Accurate and linear
- Durable material, low lead
- Silent
- Dimension: DN 10-20, Kvs 0,82
- Temperature: 5-100°C
- Pressure class: PN10

Description *evoflow*

Area of use

The thermostatic radiatorvalve Evoflow is used in heating-, cooling and tap water systems. Evoflow can be used as a loose valve or mounted in manifolds. Evoflow is used together with a thermostatic head, actuator or a manual hand wheel.

Description

The thermostatic radiatorvalve Evoflow has an exact pre-setting function, placed under the stuffing box. Evoflow are designed for modern installations and are ideal for systems with low energy consumption. Evoflow is manufactured in low lead brass for the least possible environmental impact. The thermostatic radiatorvalve has a linear characteristic in the work area for thermostats with a limited temperature range. The characteristic provides high precision regulation. Evoflow can handle high differential pressure before there is any risk of noise.

Dimensioning

The thermostatic radiatorvalve Evoflow is chosen with 5 kPa differential pressure for dimensioning the valve at the desired flow. MMA recommends a minimum of Kv 0,03 in a normal heating system. Read the settings or the Kv value in the diagram before pre-setting the valve. For valves that will be used with a thermostatic head use the scale Kv Δ T2K. For valves that will be used with an actuator use the scale for Kv.

Pre-setting

The pre-setting is done with the FN2 pre-setting key or the FV 22 tool by opening a number of turns from closed valve in line with the pressure drop diagram. Unscrew the protective cap. Remove the stuffing box with the pin (using the top of the FN2 pre-setting key). Insert the pre-setting key with the serrated end in the control sleeve and screw it carefully to the bottom (clockwise). Screw up the number of turns outlined in the diagram. Refit the stuffing box with the pin.

Diagram for loose valve with sound data for a thermostatic head

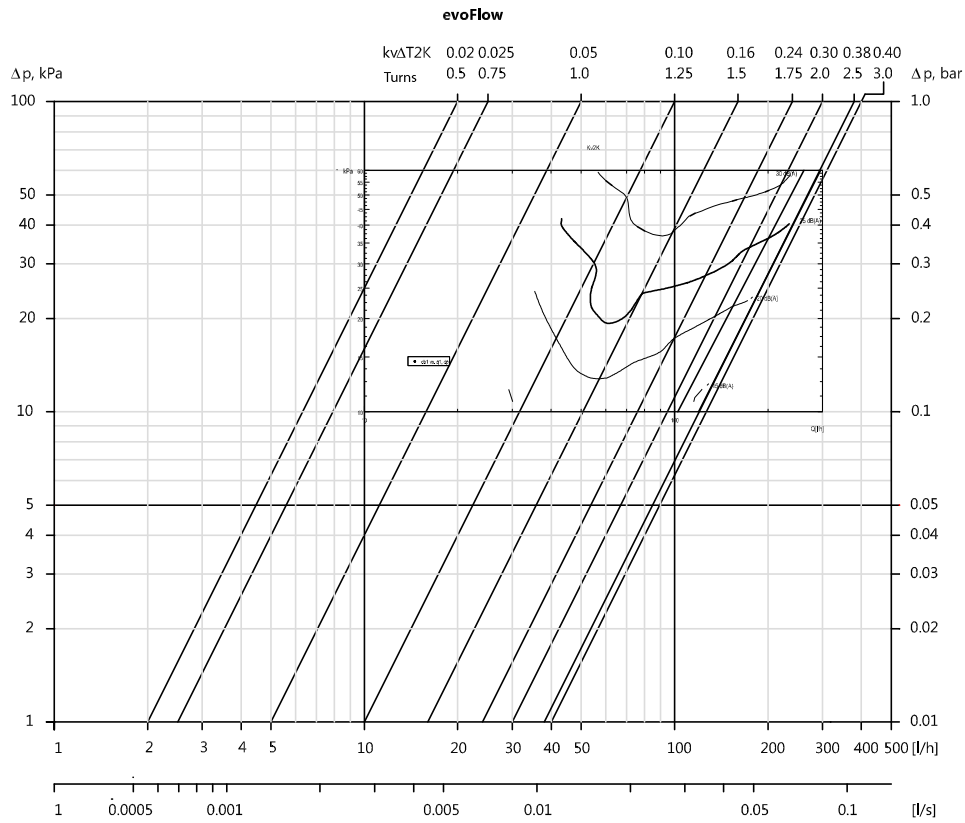
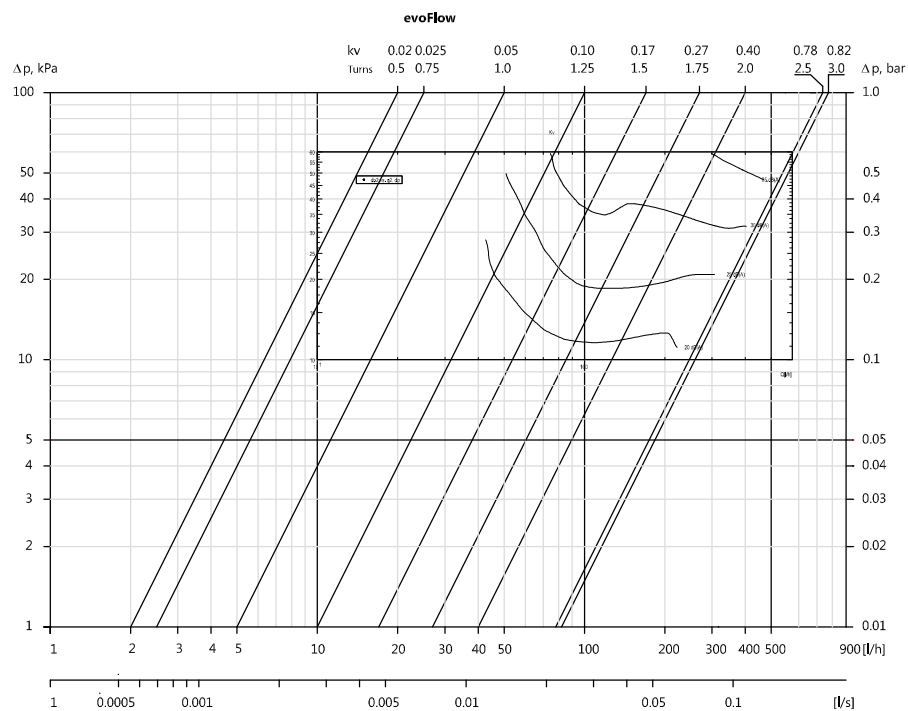


Diagram for loose valve with sound data for an actuator or hand wheel.



Technical data *evoflow*

Pressure class

PN10

Max temperature

100°C

Min temperature

5°C

Material

Brass

Capacity

Kv Δ T2K 0,01-0,40

Kv 0,01-0,82

Kvs 0,82

Accuracy

Kv > 0,1 \pm 15%

Kv \leq 0,1 \pm 5 l/h

Recommended maximum differential pressure

Lp < 30dB(A) at 30kPa

Connection

M28x1,5



Ordering codes

RSK-number	Article number	Designation	DN	Pressure class	Kv Δ T2K	Kv range	Type
4795830	30411101	Evoflow 10	G10	PN10		0,01-0,82	Straight
4795831	30411102	Evoflow 10	G10	PN10		0,01-0,82	Angle
4795832	30411103	Evoflow 10	G10	PN10		0,01-0,82	Reversed angle
4795833	30411201	Evoflow 15	G15	PN10		0,01-0,82	Straight
4795834	30411202	Evoflow 15	G15	PN10		0,01-0,82	Angle
4795835	30411203	Evoflow 15	G15	PN10		0,01-0,82	Reversed angle
4795836	30411301	Evoflow 20	G20	PN10			Straight
4795837	30411302	Evoflow 20	G20	PN10			Angle
4795838	30411303	Evoflow 20	G20	PN10			Reversed angle
4812078	40810201	Insert Evoflow	M22x1	PN10			
4806104	4870101	FN2, Pre-setting key					

We reserve the right to change the products without prior notice.