

radiator lockshield valve

benefits

- fixed, calibrated measuring unit for accurate adjustment of the radiator
- individual radiators can be shut off without the system having to be shut off
- lightning-fast hydraulic balancing with CAPBs® set valve balancing



Application

For measuring the volume flow directly at the screw fitting, e.g. with the CAPBs® set valve balancing for hydraulic balancing. Suitable for small and medium water volumes. For installation in single-pipe and dual-pipe heating systems. Adjustments are made e.g. via the adjustable dynamic thermostat valve Vario-DP in the flow.

Description

Radiator lockshield valve with measuring function type 454Q with drain and adjustment function. Measurement via an integrated, fixed and calibrated orifice plate. With cap to protect against incorrect operation. The optional filling and draining unit FEV 03 with hose connection ½ can be used for easy and fast draining.

The radiator lockshield valve is a part of the product range for the triple-stage balancing system VarioQ which allows for optimisation of the heating pipe system by means of calculation, measurement and adjustment. The CAPBs® set valve balancing (measuring instrument) measures the flow rate in litres per hour. Even minimum flow rates can be set with this system.

Technical Specifications

System connection

see ordering table

adjustment range at 10 kPa

454Q S
120 l/h

Nominal pressure

max. 10 bar

Operating temperature range

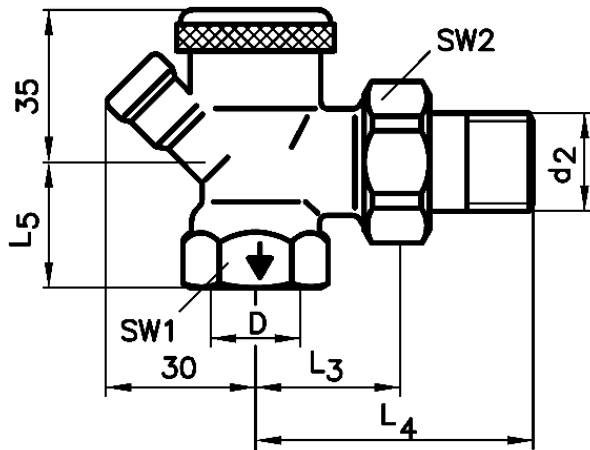
Medium: max. 120 °C

Housing

Gunmetal, nickel-plated

Technical Drawings

type 454Q S, M – angled



Types and dimensions (mm) as per DIN 3842

DN	D	d2	SW1	SW2	L1	L2	L3	L4	L5
10	Rp $\frac{3}{8}$	R $\frac{3}{8}$	22	27	49	75	26	52	22
15	Rp $\frac{1}{2}$	R $\frac{1}{2}$	27	30	51	80	29	58	26

Versions

			Version	Version	Nominal diameter	Conne- ction	Flow coef- ficient Kvs*		Part no.
	454Q S	for small water volu- mes	Angled		DN 10	Rp $\frac{3}{8}$ x R $\frac{3}{8}$	0.38 m ³ /h	●	479 011
	454Q S	for small water volu- mes	Angled		DN 15	Rp $\frac{1}{2}$ x R $\frac{1}{2}$	0.38 m ³ /h	●	479 021

● in-stock items

● Non-stock items