

DATA SHEET

Thermostatic load valve TSV5BMF 6/4" M x 5/4" F



Main Features

Application

The TSV5BMF load valve is intended for use in systems with solid-fuel boilers and fireplaces where it ensures keeping the min. inlet temperature to the boiler (fire) above the flue condensing temperature, thus preventing a low-temperature corrosion of the boiler combustion chamber. This contributes to a significant limitation of tarring and fouling of the boiler, to an increased efficiency in fuel combustion and to extending the service life of the boiler. The valve operates automatically, regulating the flow through the inlet B depending on the working fluid temperature.

Working fluid

Water, water-glycol mixture (max. 1:1).

Installation

Installation is possible in any position.

Codes

21395	for 45 °C opening temperature
18655	for 55 °C opening temperature
18656	for 65 °C opening temperature

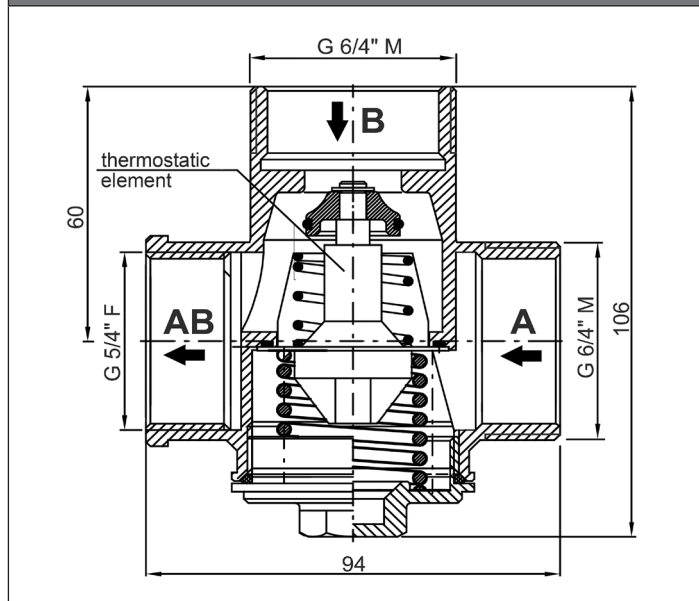
Technical Data

Max. working pressure	6 bar
Max. working temperature	95 °C
Kvs (A → AB direction)	7.3 m³/h
Kvs (B → AB direction)	7.3 m³/h
Nominal inner diameter	DN 32
Plug O-ring size	Ø 45 x 3 mm
Weight	0.96 kg
Connections	G 6/4" M (inlets A; B) G 5/4" F (outlet AB)

Materials

Valve housing	brass
Valve seat	brass
Spring support	brass
Spring	stainless steel
Seal	EPDM

Dimensions



Pressure drop diagram

