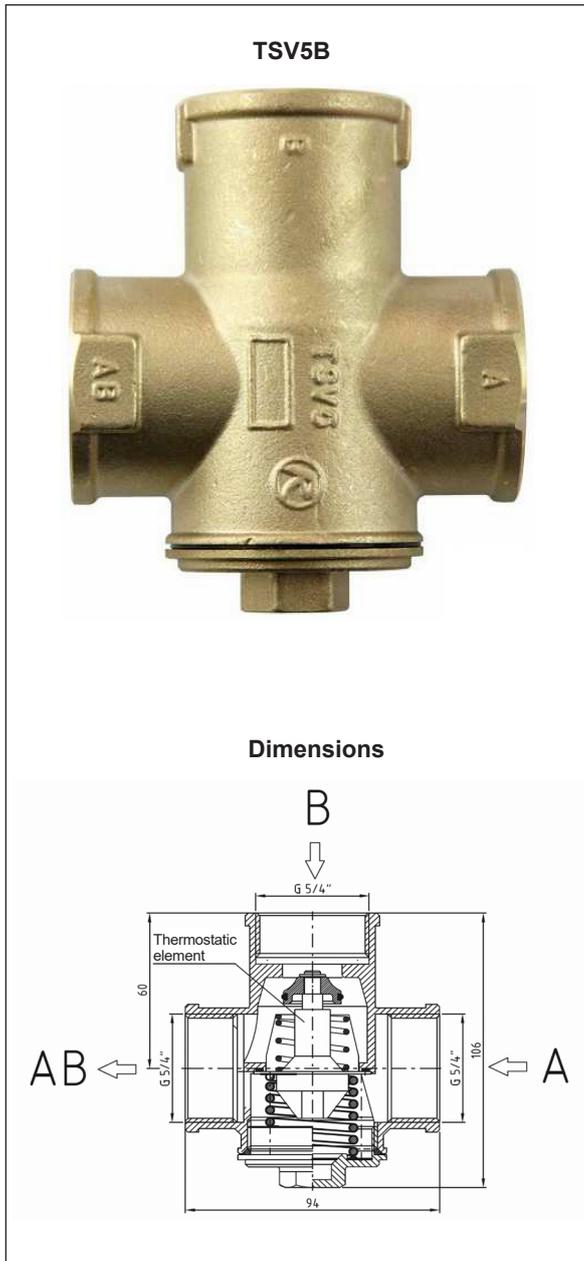


DATA SHEET

TSV5B Load Valve



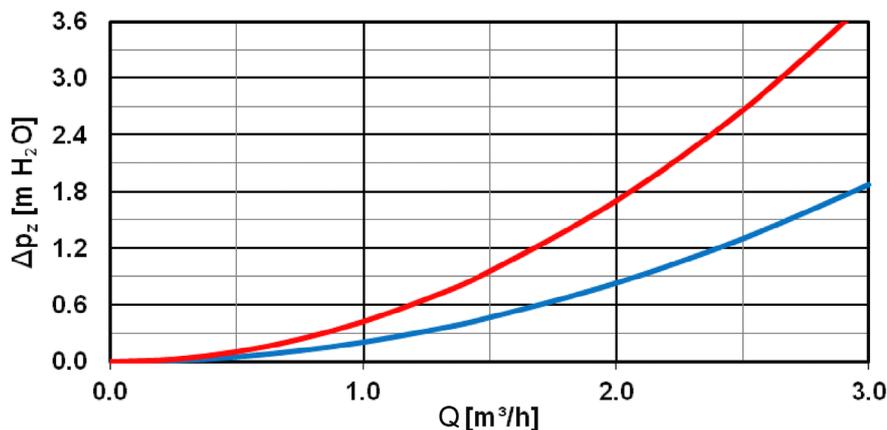
Main Features	
Application	In heating systems with a solid-fuel boiler.
Description	Mixing cold water returning from heating system / thermal store with hot water from the boiler, keeping the temperature of return water to the boiler (thus also its heat-transfer surfaces) at a temperature at which water vapor does not condense.
Working fluid	Water, water-glycol mixture (max. 1:1).
Installation	Installation is possible in any position; the valve features automatic bypass balancing.

Codes	
11806	for 45 °C opening temperature
15520	for 50 °C opening temperature
11807	for 55 °C opening temperature
15521	for 60 °C opening temperature
11808	for 65 °C opening temperature
15522	for 70 °C opening temperature

Technical Data	
Max. working pressure	6 bar
Max. working temperature	95 °C
Kvs (A → AB direction)	7.0 m ³ /h
Kvs (B → AB direction)	4.9 m ³ /h
Nominal inner diameter	DN 32
Connections	G 5/4" F
Plug O-ring size	Ø 45 x 3 mm
Weight	0.87 kg

Materials	
Valve housing	brass
Spring	stainless steel
Element and plug seal	EPDM
Cone seal	NBR

Pressure Drop Graph



The pressure drop value moves between the two curves depending on the mixing ratio during mixing.