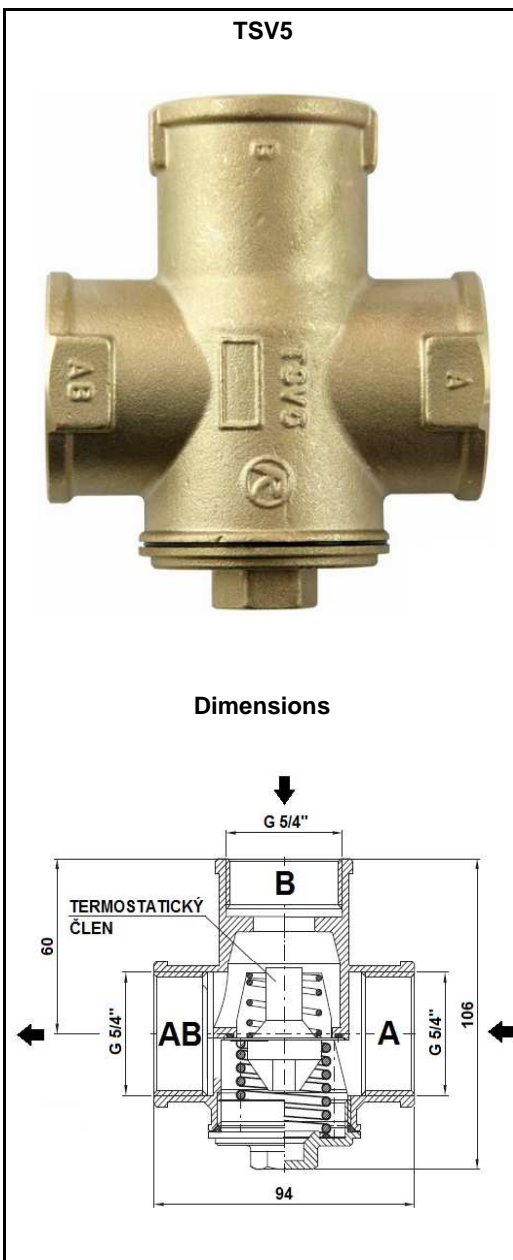


**TSV5 Load Valve**



Basic characteristics	
Application	for heating systems with solid-fuel boilers
Purpose	these valves mix cool return water from a heating system or thermal store with hot water from a boiler flow, keeping boiler return water (i.e. its heat transfer surfaces) at a temperature that will not allow condensation
Working fluid	water, water-glycol mixture (max. 1:1)
Installation	installation is possible in any position; for proper operation it is necessary to install a valve at the B inlet to balance flowrate

Codes	
11 802	for 45 °C opening temperature
11 803	for 55 °C opening temperature
11 804	for 65 °C opening temperature
15 533	for 72 °C opening temperature

Technical data	
Max. working pressure	6 bar
Max. working temperature	95 °C
$K_{vs}$ (A → AB direction)	7.0 m <sup>3</sup> /h
$K_{vs}$ (B → AB direction) *	11.5 m <sup>3</sup> /h
Nominal inner diameter	DN 32
Connections	G 5/4" F
Plug O-ring size	Ø 45 x 3 mm
Weight	0.85 kg

\* with balancing valve fully open

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

