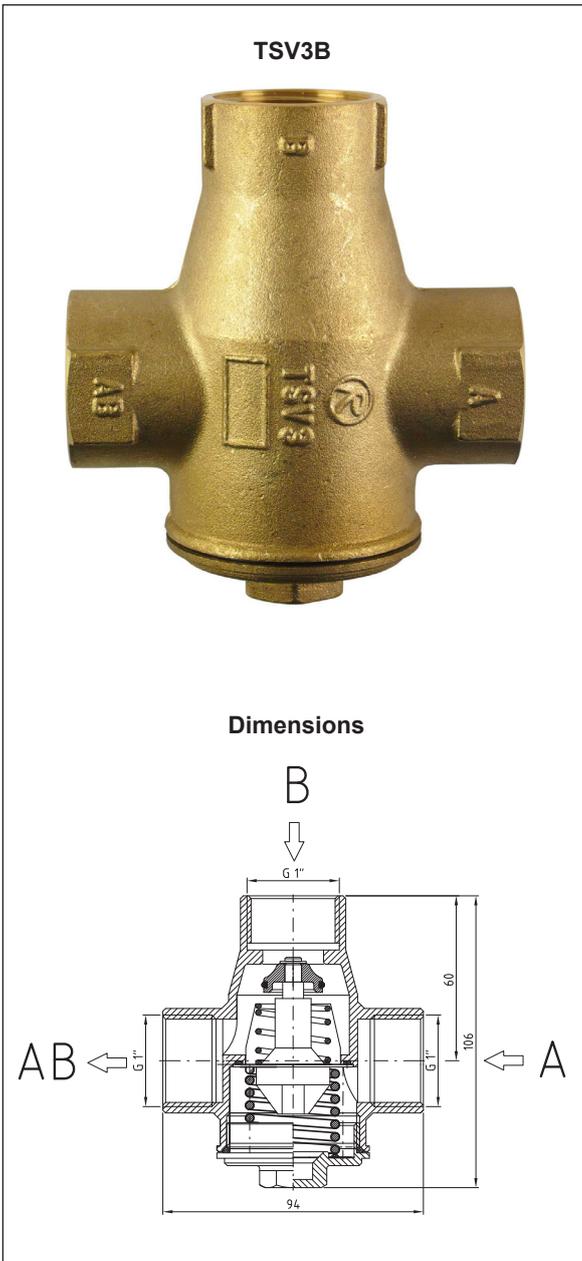


# DATA SHEET

## TSV3B Load Valve



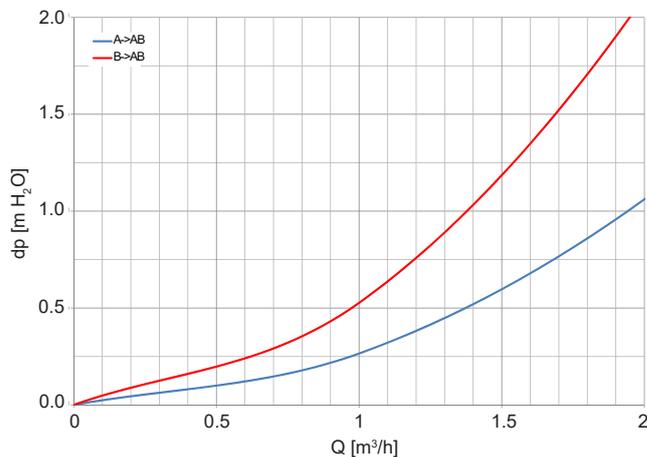
Main Features	
Application	In heating systems with a solid-fuel boiler.
Description	Mixing cold water returning from heating system / thermal store with hot water from the boiler, keeping the temperature of return water to the boiler (thus also its heat-transfer surfaces) at a temperature at which water 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	
<b>11282</b>	for 45 °C opening temperature
<b>15517</b>	for 50 °C opening temperature
<b>11281</b>	for 55 °C opening temperature
<b>15518</b>	for 60 °C opening temperature
<b>10080</b>	for 65 °C opening temperature
<b>15519</b>	for 70 °C opening temperature

Technical Data	
Max. working pressure	6 bar
Max. working temperature	95 °C
Kvs (A → AB direction)	6.2 m <sup>3</sup> /h
Kvs (B → AB direction)	4.4 m <sup>3</sup> /h
Nominal inner diameter	DN 25
Connections	G 1" F
Plug O-ring size	Ø 45 x 3 mm
Weight	0.77 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.