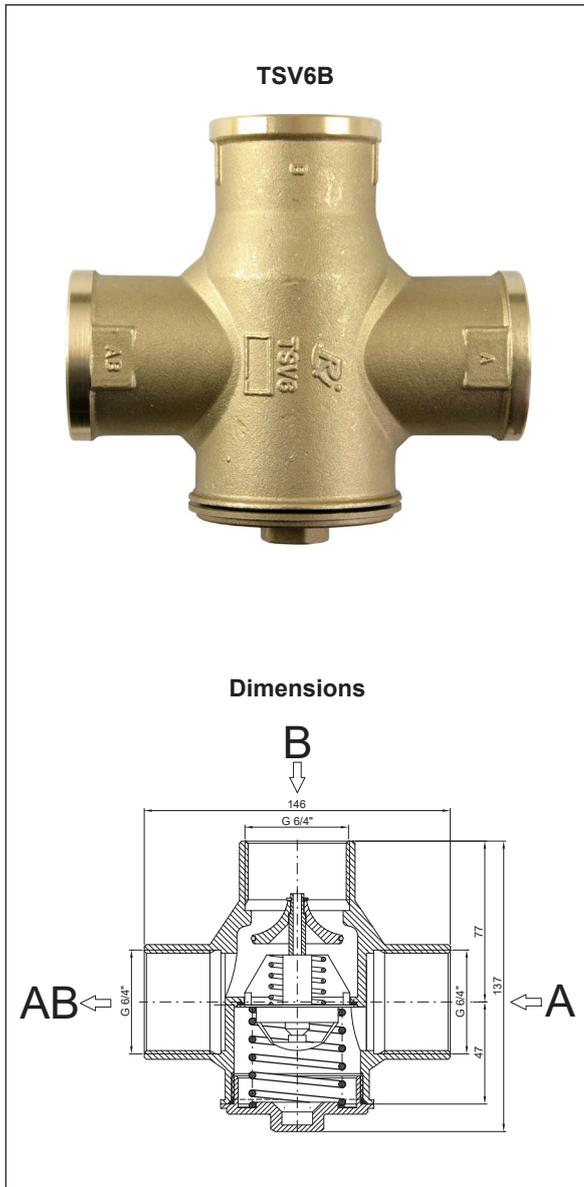


DATA SHEET

TSV6B 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

12974	for 45 °C opening temperature
12975	for 55 °C opening temperature
12976	for 65 °C opening temperature

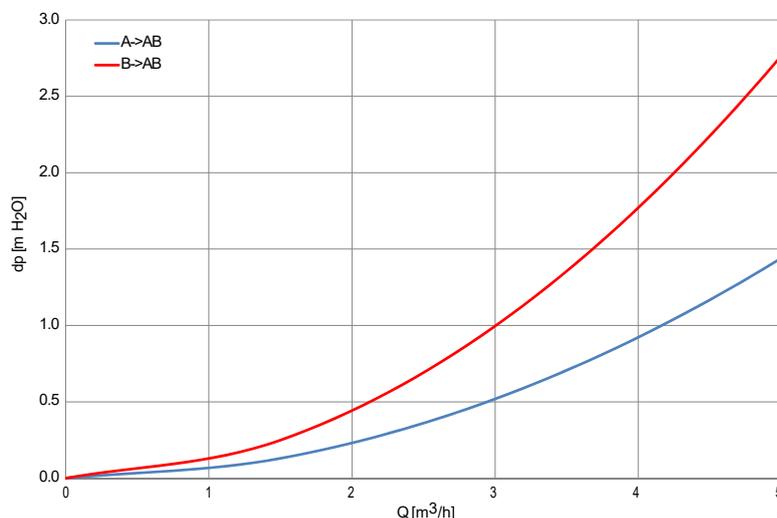
Technical Data

Max. working pressure	6 bar
Max. working temperature	95 °C
Kvs (A → AB direction)	13.3 m ³ /h
Kvs (B → AB direction)	9.6 m ³ /h
Nominal inner diameter	DN 40
Connections	G 6/4" F
Plug O-ring size	Ø 58 x 3 mm
Weight	1.7 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.