

# PROTECTION AGAINST BOILER CORROSION AND FOULING

## Load Valves with manual by-pass balancing



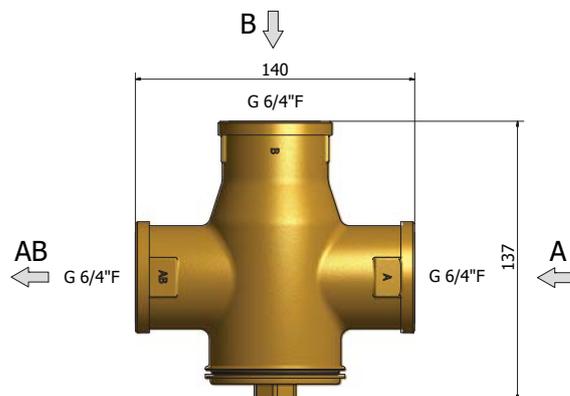
### TSV6

Valves for return temperature control, with manual by-pass balancing

TSV load valves with manual by-pass adjustment 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 to occur**. The boiler then works with higher efficiency and its service life is extended.

**Balancing of TSV6 valves needs to be performed manually using a balancing valve in the by-pass pipe.** Boiler manufacturer ATMOS recommends that these models of TSV valves are used with his boilers.

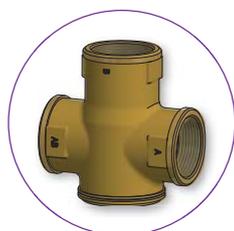
### DIMENSIONS



### VERSIONS

	TSV6 65	TSV6 72
OPENING TEMPERATURE	65 °C	72 °C
NOMINAL DIAMETER	DN40	DN40
CONNECTION SIZE	G 6/4" F	G 6/4" F
MAX. WORKING PRESSURE	6 bar	6 bar
$K_{vs}$ from A to AB	13.3 m <sup>3</sup> /h	13.3 m <sup>3</sup> /h
$K_{vs}$ from B to AB	19.8 m <sup>3</sup> /h	19.8 m <sup>3</sup> /h
WEIGHT	1.6 kg	1.6 kg
CODE	11821	16060

### CONNECTION IN A SYSTEM



TSV valve



Balancing valve

