DATA SHEET

TSV3 BM Load Valve

Main Features	
Application	The TSV3 BM load valve is intended for use in systems with solid-fuel boilers and fireplaces where it ensures keeping the min. inlet temperature to the boiler (fire) above the flue condensing temperature, thus preventing a low-temperature corrosion of the boiler combustion chamber. This contributes to a significant limitation of tarring and fouling of the boiler, to an increased efficiency in fuel combustion and to extending the service life of the boiler. The valve operates automatically, regulating the flow through the inlet B depending on the working fluid temperature.
Working fluid	Water, antifreeze heat-transfer fluid for heating systems.
Installation	Any position.

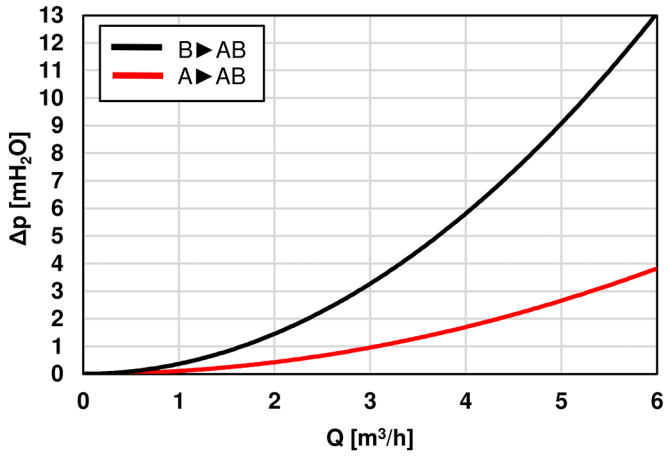
Codes	
13977	TSV3 BM for an opening temperature of **45 °C**
18855	TSV3 BM for an opening temperature of **50 °C**
13978	TSV3 BM for an opening temperature of **55 °C**
13979	TSV3 BM for an opening temperature of **65 °C**
13980	TSV3 BM with G 1" Fu union nut for opening temperature **45 °C**
13981	TSV3 BM with G 1" Fu union nut for opening temperature **55 °C**
13982	TSV3 BM with G 1" Fu union nut for opening temperature **65 °C**

Technical Data	TSV3 BM	TSV3 BM with G 1" Fu Union nut
Max. working pressure	6 bar	6 bar
Max. working temperature	95 °C	95 °C
Kvs (A → AB direction)	9.8 m³/h	8.6 m³/h
Kvs (B → AB direction)	5.3 m³/h	5.1 m³/h
Nominal inner diameter	DN 25	DN 25
Connections	G 1" M	G 1" M x G 1" Fu
Weight	0.65 kg	0.69 kg

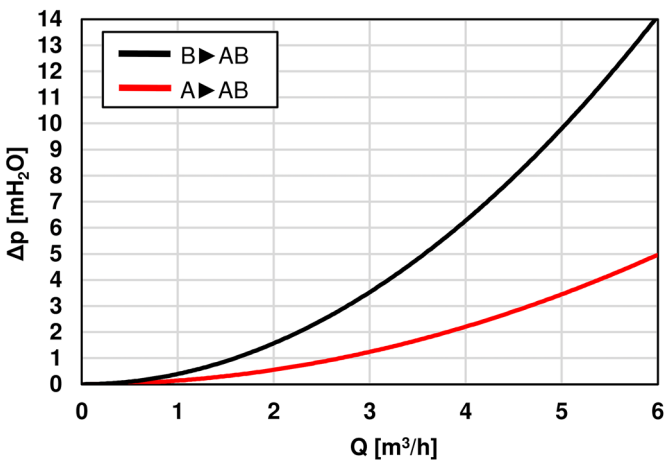
Materials	
Valve housing	brass
Valve cover	brass
Cone	brass
Seal	EPDM

Pressure Drop Graph

TSV3 BM



TSV3 BM with G1" Fu Union nut



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

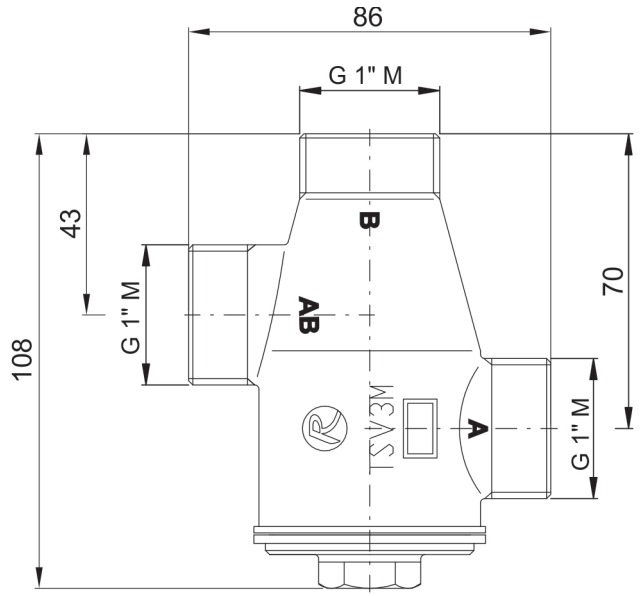
REGULUS spol. s r. o. Czech Republic
Do Koutů 1897/3, 143 00 Praha 4
Tel.: +420 241 765 191
Fax: +420 241 763 976
E-mail: sales@regulus.eu
Web: www.regulus.eu

DATA SHEET

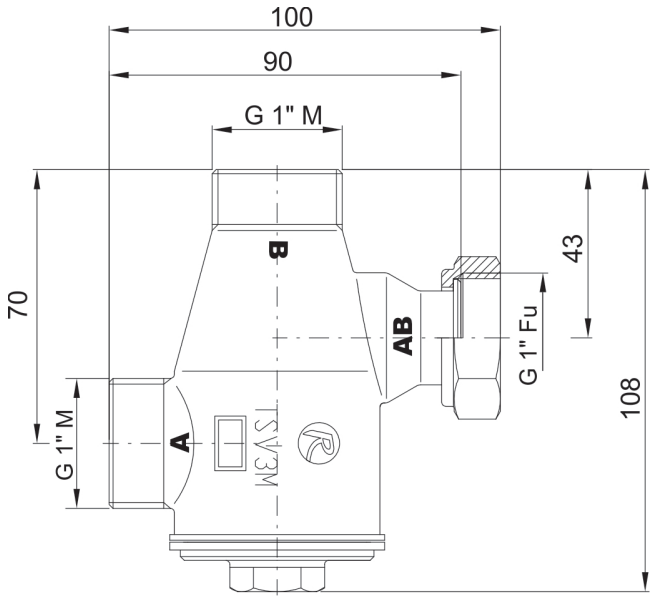
TSV3 BM Load Valve

Dimensions

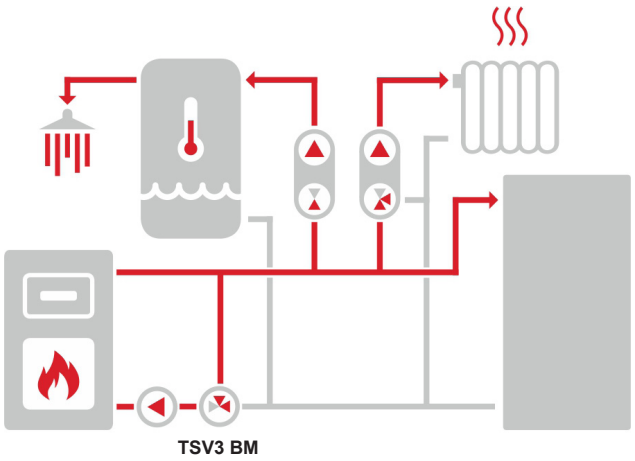
TSV3 BM



TSV3 BM
with G1" Fu Union nut



Example of valve connection to the system



REGULUS spol. s r. o. Czech Republic
Do Koutů 1897/3, 143 00 Praha 4
Tel.: +420 241 765 191
Fax: +420 241 763 976
E-mail: sales@regulus.eu
Web: www.regulus.eu