

SBK Differential pressure relief valve for Heating manifold 3000

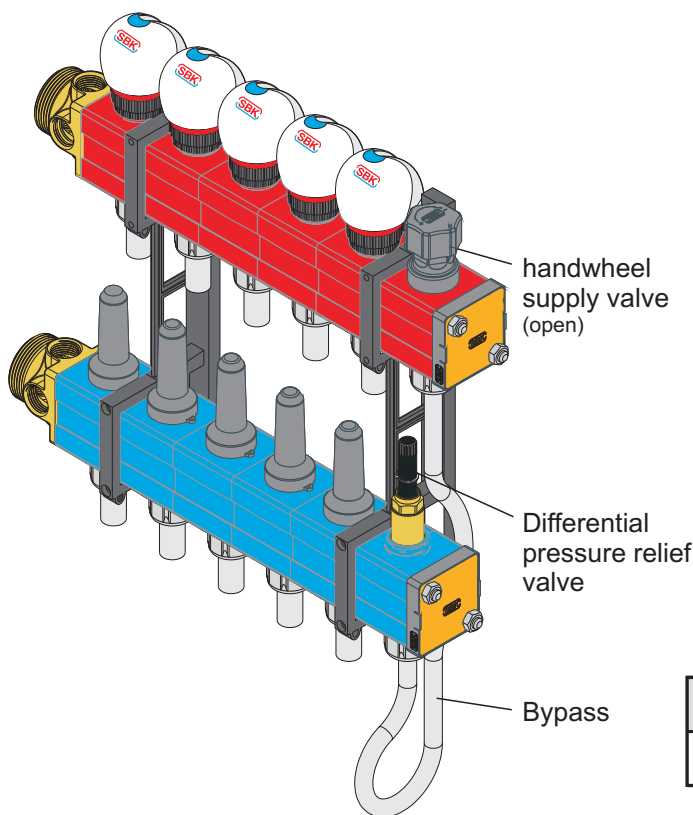
Description:

The SBK Differential pressure relief valve for Heating manifold 3000 has the function to maintain a minimum water circulation or to reduce flow noises in a heating or cooling system. For that a Bypass-tube is connected between a Supply module and a Return module of the heating manifold. Instead of the flowmeter the Differential pressure relief valve is fitted in the Return module. The Differential pressure relief valve opens the Bypass in case of the differential pressure between supply and return is higher than the set value at the Differential pressure relief valve.

So the heating system provides a minimum of water circulation also when all valve actuators are closed. For example mounted in an heat pump system.

Advantages SBK Differential pressure relief valve:

- infinitely adjustable pressure setting
- Display Set value by scale
- easy fitting / refitting
- Bypass-tube included



Set Value	0	1	2	3	4	5
Differential pressure [bar]	0	0,1	0,2	0,3	0,4	0,5

Application area:

Suitable for water, water glycol mixture up to 30% concentration.

Request written release of the manufacturer, if rust-proofing or anti-freezing agents, acids or leaches or other additives are used.

Not suitable for areas where ammonia or ammoniacal compounds occur.

No direct solar radiation in outside areas! Protect against UV-radiation!

Installation only in dry environment, if operating or ambient temperatures are below freezing point.

max. test pressure:

10 bar. Execute pressure test only with water!

max. positive operating pressure:

6 bar

Operating temperatures:

-20°C to +90°C

Material:

Case made of plastic, brass parts made of CuZn40Pb2, gaskets made of EPDM

Tightening torques:

Nuts M8: 4 Nm
 Supply valve: 10 Nm
 Flowmeter: 10 Nm