



BTR

3-way control valves

BTR is a range of 3-way control valves. They are used to control hot, cold or glycol-mixed water or steam in heating and ventilation systems.

- Kv-value 0.63...39
- Size DN15 up to DN50
- Temperature area -5...+185°C

The valve range BTR is used with RVA5 actuators. The valve is intended for cold and hot water, glycol-mixed water or steam. The 3-way valve is intended to be used as a mixing valve.

Function

BTR (3-way valve):

Open between port 2 and port 1 when the stem is in its lowest position. (Is in this position closed between ports 3 and 1).

Open between port 3 and port 1 when the stem is in its top position. (Is in this position closed between ports 2 and 1).

See drawing on overleaf.

Actuators

The valves are intended to be used with RVA5 actuators (3-point or 0...10 V). See product sheets for RVA5 for detailed information on suitable actuators.

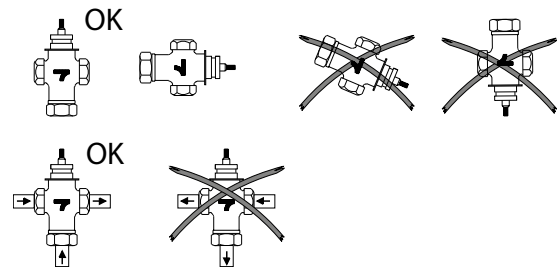
BTR can also be adjusted for use with other actuator brands (contact Systemair for more information).

- Pressure class PN16
- Differential pressure 0.7...1.6 MPa

Installation

The valve should be mounted according to the flow directions on the valve.

The 3-way valve is of mixing type and should be mounted in the mixing point.



Material

The valves have body and plug in gunmetal and stem in stainless steel. O-ring in Viton in the packing box.

Control of refrigerants

The valves can be used with different refrigerants. In this case, a special type of packing box should be mounted. Contact Systemair for more information.

