

# Pump group DN25

Suitable for:



Our pump groups enable a compact, safe and easy-to-install connection of heating and cooling circuits to the heating manifold. They combine all important functions in a pre-assembled module: shut-off, circulation pump, backflow preventer and temperature indicator – space-saving and ready for connection.

Depending on the system requirements, versions for unmixed or mixed heating circuits are available.

- † **Top connection:** G1" internal thread.
- † **Bottom connection:** G1½" external thread.
- † **Pump connection:** 180 mm, R1½" external thread.
- † **Materials:** steel, brass, EPP insulation.
- † **Sealings:** PTFE, EPDM.
- † **Temperature indicator:** 0 to 120°C.
- † **Operating temperature:** max. 110°C.
- † **Operating overpressure:** max. 6 bar.
- † **K<sub>vs</sub> value mixed heating circuit:** 6,0 m³/h.
- † **K<sub>vs</sub> value unmixed heating circuit:** 8,0 m³/h.

For maximum flexibility, our pump groups are available in different versions - unmixed for direct heating or cooling circuits and mixed with a actuator for temperature-controlled applications such as underfloor heating. Depending on the system requirements, the groups can be supplied with or without an integrated circulation pump. This allows individual requirements to be implemented easily and efficiently - from simple heating circuits to complex system control.

Thanks to the clever design with high-quality components and pre-assembled parts, the pump groups enable quick installation, safe operation and long-term, low-maintenance use. Whether for new builds or modernization - they are the ideal solution for a compact and efficient connection to the heating circuit manifold.

## ORDER NO.

9060101	Pump group DN25 unmixed, without pump
9060102	Pump group DN25 mixed, with actuator, without pump
9060103	Pump group DN25 unmixed, with pump
9060104	Pump group DN25 mixed, with actuator, with pump

## Pump group DN25

### SCHEMATIC

- |    |   |
|----|---|
| 1  | ISO top housing   |
| 2  | ISO bottom housing thermostatic valve                           |
| 3  | ISO bottom housing actuator                                     |
| 4  | ISO plug actuator   |
| 5  | ISO plug side outlets   |
| 6  | ISO design element  |
| 7  | Return - Pump ball valve  |
| 8  | Supply - Pump ball valve  |
| 9  | Union nut with seal EPDM  |
| 10 | Double nipple 2x G1½" external threads                          |
| 11 | Double nipple 2x G1½" external threads with T-piece 1 union nut |
| 12 | Mixing valve with bypass for left/right operation               |
| 13 | Ball valve with handle  |
| 14 | Thermometer blue, Return  |
| 15 | Thermometer red, Supply   |
| 16 | Pump  |
| 17 | Actuator mixing valve   |
| 18 | Pump flange ball valve  |



### ORDER NO.

**9060100** Screw connection set for pump group DN25

G1" IG x G1½" union nut incl. seals

