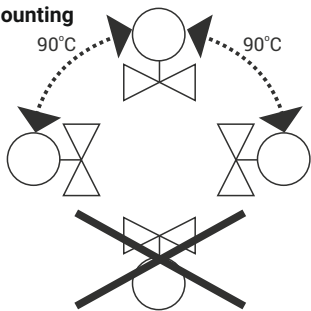
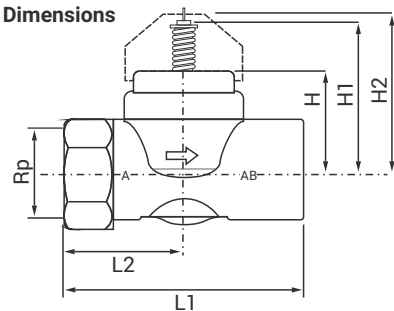


| Type   | Size | Connections               | $k_{vs}$<br>A→AB<br>[m³/h] |
|--------|------|---------------------------|----------------------------|
| DN20-2 | DN20 | Internally threaded<br>Rp | 3.5                        |
| DN25-2 | DN25 |                           | 5.0                        |

Example Mounting



Dimensions



| Dimensions | Valve Type | DN | Rp<br>[inch] | H<br>[mm] | H1<br>[mm] | H2<br>[mm] | L1<br>[mm] | L2<br>[mm] | Weight<br>[kg] |
|------------|------------|----|--------------|-----------|------------|------------|------------|------------|----------------|
|            | DN20-2     | 20 | Rp 3/4       | 31        | 45.2       | 48         | 65         | 32.5       | 0.31           |
|            | DN25-2     | 25 | Rp 1         | 31        | 45.2       | 48         | 84         | 45         | 0.55           |

Technical Data

|                   |                                |  |
|-------------------|--------------------------------|--|
| Functional data   | Permissible operating pressure | 1600 kPa (16 bar)  |
|                   | Valve characteristic           | The valves are designed for ON/OFF control only.                   |
|                   | Leakage rate                   | 0 ... 0.05 % of $k_{vs}$ - value                                   |
|                   | Compatible media               | Chilled water, low-temperature hot water and water with antifreeze |
|                   | Medium temperature             | 1 ... 110°C  |
|                   | Nominal stroke                 | 2.5 mm   |
| Materials         | Valve body                     | Hot-pressed brass  |
|                   | Stem                           | Stainless steel  |
| Dimensions/Weight | Dimensions                     | Refer to «Dimensions»  |
|                   | Actuator connection            | M30 x 1.5  |
|                   | Weight                         | Refer to «Dimensions»  |

Equipment Combinations

| Actuator Name | Actuator Type   | Operating Voltage | Normal Position | Positioning Time |
|---------------|-----------------|-------------------|-----------------|------------------|
| DF-110E       | Electro-thermal | 230 V AC          | opened/closed   | approx. 4.5 min  |
| DF-230        | Electro-thermal | 230 V AC          | closed          | approx. 4 min    |