

Technical data

Kv-values

| Port connection DN | | Orifice (diaphragm size) | Kv-value water ¹⁾ | Actuator size Ø | Pilot pressure (bar) | | Max. operating pressure for seal material [bar] | | Weight |
|-----------------------|--------|--------------------------------|---------------------------------|--------------------|-------------------------|------|---|-------------------------------|--------|
| [mm] | [inch] | [mm] | [m³/h] | [mm] | min. | max. | EPDM, FKM | PTFE/EPDM, advanced PTFE/EPDM | [kg] |
| 4/6 | – | 8 | 0.8 | 40 | 5.0 | 7 | 10 | 10 | 0.4 |
| 8 | 1/4" | 8 | 1.0 | 40 | 5.0 | 7 | 10 | 10 | 0.4 |
| 10 | 3/8" | 8 | 1.0 | 40 | 5.0 | 7 | 10 | 10 | 0.4 |
| 15 | 1/2" | 15 | 4.0 | 50 | 5.0 | 7 | 8.5 | – | 0.7 |
| | | | 4.5 | 63 | 5.0 | 7 | – | 10 | 0.9 |
| 20 | 3/4" | 20 | 7.0 | 63 | 5.5 | 7 | 10 | – | 1.3 |
| | | | 7.5 | 80 | 5.0 | 7 | – | 10 | 2.0 |
| 25 | 1" | 25 | 12.0 | 80 | 5.0 | 7 | 10 | – | 2.2 |
| | | | 12.0 | 80 | 5.5 | 7 | – | 7.5 | 2.2 |
| 32 | 1 1/4" | 32 | 30.0 | 100 | 5.5 | 7 | 6.5 | – | 4.2 |
| | | | 30.5 | 125 | 5.5 | 7 | – | 10 | 5.7 |
| 40 | 1 1/2" | 40 | 30.0 | 100 | 5.5 | 7 | 6.5 | – | 4.2 |
| | | | 30.5 | 125 | 5.5 | 7 | – | 10 | 5.7 |
| 50 | 2" | 50 | 51.5 | 125 | 5.5 | 7 | 8 | – | 7.6 |
| | | | 51.5 | 125 | 5.5 | 7 | – | 7 | 7.6 |

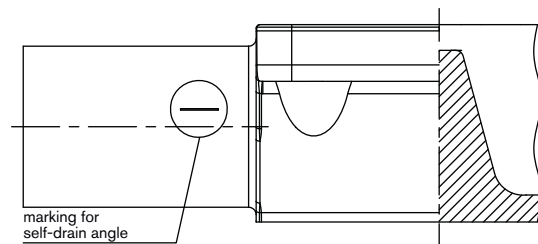
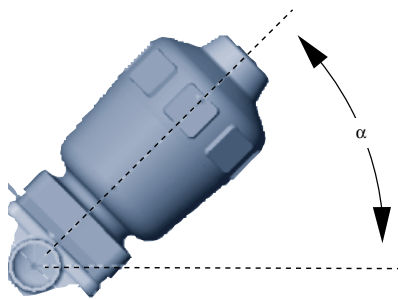
1) Measured at +20°C, 1 bar pressure at valve inlet and free outlet.

Pressure values (bar): Gauge pressures with respect to the prevailing atmospheric pressure.

Remark:

For low operating pressures we recommend reduced spring versions.

Installation for self-draining operation



$\alpha = 15^\circ$ up to 35° (Marking must face upwards, 12 o'clock position)
plus 1° to 5° inclination to the pipe axis.
Drain marks permanently marked on both sides of the valve body
show the correct mounting position to optimise drain ability.