

Hydraulic kit

Specification text

Is a ready-to-connect solar station for circulation and venting of solar circuit medium with mounting attachments.

With integrated SETTER Inline PF regulating and check valve with direct indication of the set flow rate in l/min.

Optimized for use in solar applications.

Measured values with medium viscosity $u = 2.3 \text{ mm}^2/\text{s}$ can be read directly at the sight glass during adjustment without the need for tables, diagrams or measuring devices.

Technical data

Max. operating temperature:

- Flow circuit (venting side): TB 160°C
- Return circuit (pump side): TB 110°C

Max. operating pressure: 8 bar.

- Safety valve response pressure: 6 bar
- K_{vs} value and measurement range as per table «Type Program».

Vent pipe: Painted steel

Valve housing components: Brass

Internal components: Stainless steel, brass and plastic

Sight glass: Boric silicate

O-ring seals: EPDM

Flat seals with high temperature resistance suitable for use in solar applications

Insulating material: EPP

Thread according to DIN 2999 / ISO 7 and ISO 228

Measuring accuracy $\pm 10\%$ (of the highest nominal value)

Fluids

- Water and proprietary additives used against corrosion and freezing (display scale for medium viscosity $u=2.3\text{mm}^2/\text{s}$)
- Heating water and cooling water

Includes: flow phase (venting side) and return phase (pump side)

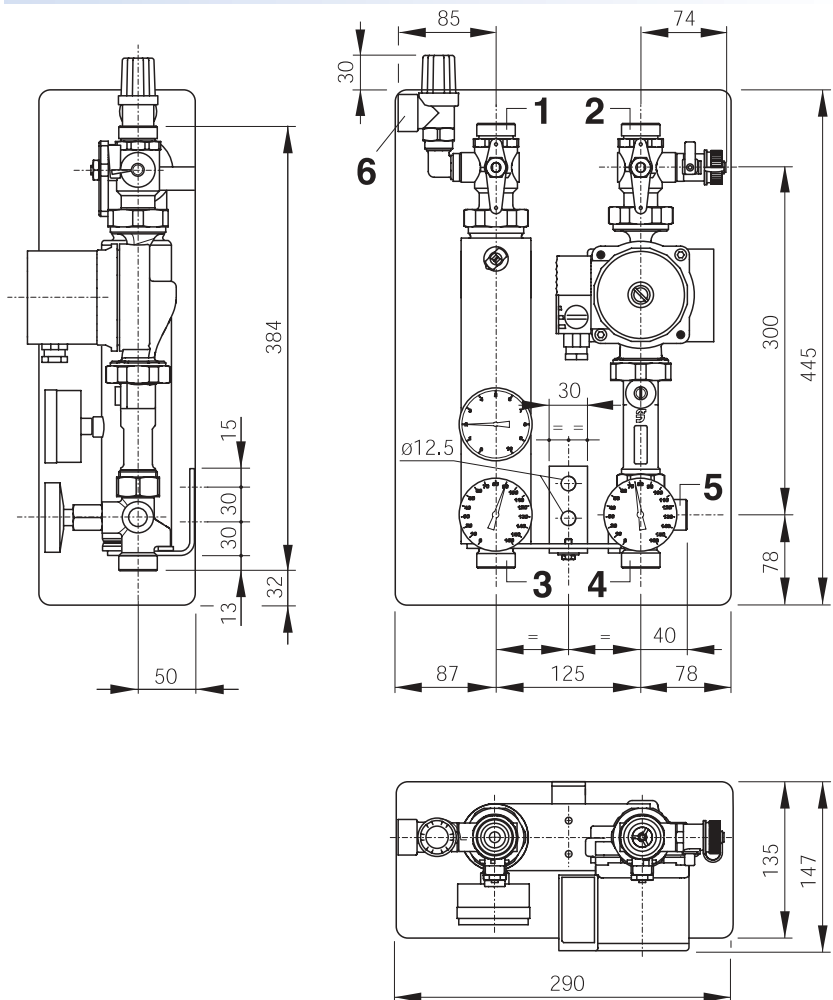
Measurement range ³⁾	k_{vs} ¹⁾	k_{vs} ²⁾	Circulation pump
4,0 - 16,0 l/min	3,3	6,0	WILO ST 25/6-3

1) k_{vs} [m^3/h] with $U=1 \text{ mm}^2/\text{s}$ in the return phase (pump side)

2) k_{vs} [m^3/h] with $U=1 \text{ mm}^2/\text{s}$ in the flow phase (venting side)

3) Visual scale for water/glycol mix with $U= 2,3 \text{ mm}^2/\text{s}$

Dimensional drawing



- 1 Male thread ISO 228, G 1" (line from the collector)
- 2 Male thread ISO 228, G 1" (line to the collector)
- 3 Male thread ISO 228, G 1" (line to the reservoir)
- 4 Male thread ISO 228, G 1" (line from the reservoir)
- 5 Male thread ISO 228, G 3/4" (expansion vessel line)
- 6 Female thread DIN 2999 / ISO 7, Rp 3/4" (safety valve blow-off line)