



CalioTherm S Pro

Circulator / High-efficiency Drinking Water Pump



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- Drinking water circulation systems to DVGW-W551
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More information
www.ksb.com/en-de



CalioTherm S Pro – Circulator / High-efficiency Drinking Water Pump

Benefits

■ Demand-driven operation

- Optimised efficiencies and variable-speed versions are available.
- Versions with manual setting of up to 3 speed levels are available.

■ Universal use

- High-quality materials allow for a broad range of applications with fluid temperatures from 2 to 95 °C.

■ Maximum availability

- Low motor speeds and special sealing elements reduce wear to a minimum.

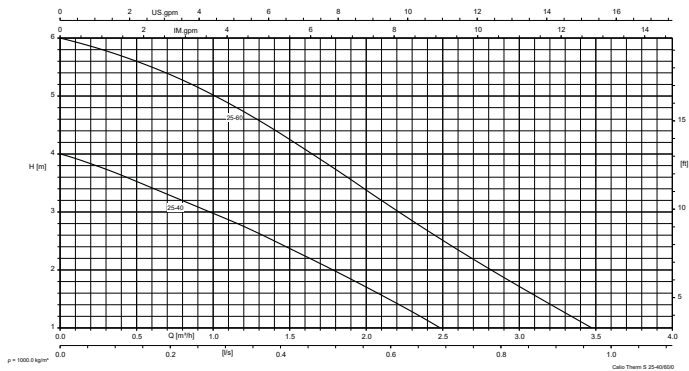
■ Cost-efficient

- Simple 3-button setting combined with speed control minimises commissioning and operating costs.
- Protective and manual functions of the pump keep service costs down.
- Constant-pressure and proportional-pressure control modes combined with high-efficiency technology ensure maximum savings in operating costs.

■ Ease of handling and user comfort

- A 230 V plug-type connector ensures that pumps of any other make can be replaced without the need to change the plug-type connector.
- The pump makes for whisper quiet operation (≤ 30 dB(A)).

Characteristic curves



Operating data

Characteristic		Value
Flow rate	Q [m³/h]	$\leq 3,5$
	Q [l/s]	$\leq 1,0$
Head	H [m]	≤ 6
Fluid temperature, heating water	T [°C]	$\geq +2$
		$\leq +75$
Fluid temperature, drinking water ¹⁾	T [°C]	$\geq +2$
		$\leq +65$
Hardness of drinking water as fluid handled	[°dH]	≤ 14
Ambient temperature	T [°C]	≥ 0
		$\leq +40$
Operating pressure	p [bar]	≤ 10
Average sound pressure level	[dB (A)]	≤ 30
Screw-ended connection	G	1 1/2

¹ To prevent lime sedimentation using fluid temperatures no higher than 65 °C is recommended. Higher fluid temperatures are permissible for short periods (e.g. for thermal disinfection cycles).