

Calio S Pro

High-efficiency Heating Circulator



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| <ul style="list-style-type: none">• Heating systems• Ventilation systems• Air-conditioning systems• Circulation systems | <ul style="list-style-type: none">• One-pipe systems and two-pipe systems• Underfloor heating systems• Boiler circuits or primary circuits | <ul style="list-style-type: none">• Storage tank circuits• Solar power systems• Heat pumps |
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Plug-type connector

More information
www.ksb.com/en-gb



Calio S Pro – High-efficiency Heating Circulator

Benefits

■ Outstanding energy efficiency

- The pump is future-proof through optimised efficiencies, exceeding the requirements of the 2015 energy efficiency regulations.

■ Convenient and easy-to-use control panel

- The 230 V plug-type connector allows easy replacement of pumps of any other make without the need to change the plug-type connector.
- Standard and angled plug-type connectors are included in the scope of supply.
- The user-friendly design with vent plug at the front allows manual venting and deblocking of the pump.
- Three pushbuttons make for straightforward operation.
- The integrated plug-type connector facilitates easy connection to the power supply without the need to open the pump.
- The display and symbols indicate the current operating mode as well as the flow rate, head and electrical input power.
- The pump provides for both proportional-pressure or constant-pressure control mode as standard.
- Protective functions and manual functions ensure high operating availability.
- The automatic setback mode prevents unnecessary energy consumption.
- The pump makes for whisper quiet operation (≤ 30 dB(A)).

■ Dynamic Control

- Efficient operating modes lower energy costs.
- It practically rules out undersupply in changing system conditions.

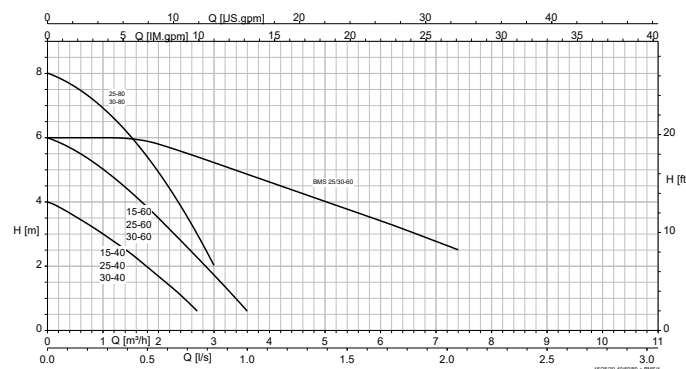
■ Universal use

- The pump is suitable for a broad application range in supply and circulation systems.
- A large product range with 4 hydraulic system sizes in overall lengths of 130 mm and 180 mm and standard dimensions is available.

■ Fast and straightforward commissioning

- **Plug-and-play** is available thanks to default factory settings.
- Dynamic Control can be easily activated.

Characteristic curves



Operating data

Characteristic		Value	
		Calio S Pro	Calio S BMS
Flow rate	Q [m³/h]	$\leq 3,5$	≤ 7
	Q [l/s]	$\leq 1,0$	$\leq 1,9$
Head	H [m]	≤ 8	≤ 6
Fluid temperature ¹⁾	T [°C]	$\geq +2$	≥ -10
		$\leq +95$	$\leq +110$
Ambient temperature	T [°C]	≥ 0	
		$\leq +40$	
Operating pressure	p [bar]	≤ 10	
Average sound pressure level	[dB (A)]	≤ 30	≤ 45
Screw-ended connection	G	1 1/2 - 2	1 1/2 - 2

Sizes and overall length

Size	Overall length	Mat. No.
Calio S Pro		
15-40-130	130 mm	29134987
15-60-130	130 mm	29134988
25-40-130	130 mm	29134989
25-60-130	130 mm	29134990
25-40	180 mm	29134991
25-60	180 mm	29134992
25-80	180 mm	29134985
30-40	180 mm	29134993
30-60	180 mm	29134994
30-80	180 mm	29134986
Calio S BMS ²⁾		
25-60	180 mm	29134981
30-60	180 mm	29134982

- 1 To prevent condensation in the terminal box and stator, the fluid temperature must always be equal to or higher than the ambient temperature.
- 2 BMS variants for integration in automation systems with control input for external start/stop, 0 - 10 V and general fault message reporting (volt-free relay), enclosure IPX4D