

Calio S Pro – High-efficiency Circulator



Calio S Pro with thermal insulation shell

Applications:

- Heating, ventilation and air-conditioning systems
 - One-pipe and two-pipe systems
 - Underfloor heating systems
 - Boiler circuits or primary circuits
 - Storage tank circuits
 - Solar power systems
 - Heat pumps
- Circulation systems for single and multiple dwellings

More information:
www.ksb.com/products



Standard plug-type
connector



Angled plug-type
connector

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1 Outstanding energy efficiency

Future-proof by optimised efficiencies, exceeding the requirements of the 2015 energy efficiency regulations

2 Convenient and easy-to-use control panel

- Benefit of a 230 V plug-type connector: The pump replaces any other make without the need to change the plug-type connector.
- Standard and angled plug-type connectors included in the scope of supply
- User-friendly design with vent plug at the front for manual venting and deblocking of the pump
- Straightforward operation via three pushbuttons
- Integrated plug-type connector for 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.
- Proportional-pressure or constant-pressure control modes as standard
- High operating availability due to protective and manual functions
- The automatic setback mode prevents unnecessary energy consumption.
- Whisper quiet operation (≤ 30 dB (A))

3 Dynamic Control

- Efficient operating mode lowers energy costs.
- Practically rules out undersupply in changing system conditions.

Find out more at www.ksb.com/calio-s

Technische Daten

Flow rate	Up to 3.5 m³/h
Head	Up to 8 mWC
Fluid temperature	+2 to +95 °C
Operating pressure	PN 10
Process connection	G 1, G 1½, G 2
Electrical connection	1~ 230 V AC, 50/60 Hz
Enclosure	IPX4D

To prevent condensation in the terminal box and stator, the fluid temperature must always be equal to or higher than the ambient temperature.

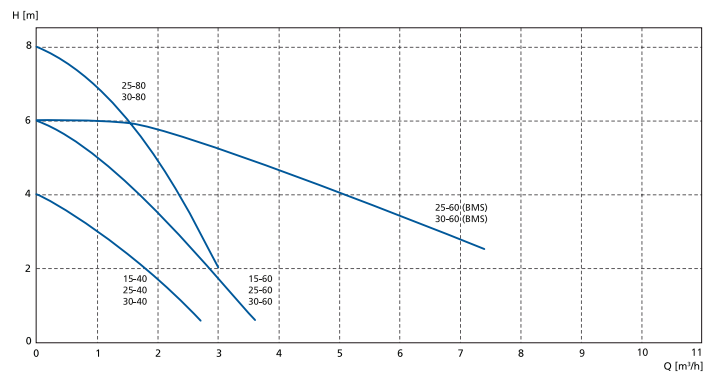
4 Universal use

- Broad application range for supply and circulation systems
- Large product range with 4 hydraulic system sizes in overall lengths of 130 and 180 mm and standard dimensions

5 Fast and convenient commissioning

- Plug-and-play with default settings
- Dynamic Control easy to activate

Calio S Pro characteristic curves



Type	Overall length	Article number
Calio S Pro 15-40 130	130 mm	29 134 987
Calio S Pro 15-60 130	130 mm	29 134 988
Calio S Pro 25-40 130	130 mm	29 134 989
Calio S Pro 25-60 130	130 mm	29 134 990
Calio S Pro 25-40	180 mm	29 134 991
Calio S Pro 25-60	180 mm	29 134 992
Calio S Pro 25-80	180 mm	29 134 985
Calio S Pro 30-40	180 mm	29 134 993
Calio S Pro 30-60	180 mm	29 134 994
Calio S Pro 30-80	180 mm	29 134 986
BMS variants*		
Calio S 25-60 BMS	180 mm	29 134 981
Calio S 30-60 BMS	180 mm	29 134 982

* 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



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