

Calio S – High-efficiency Circulator Pump



Calio S with thermal insulation

Applications:

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

More information:

www.ksb.com/products



Calio S

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1 Top energy efficiency

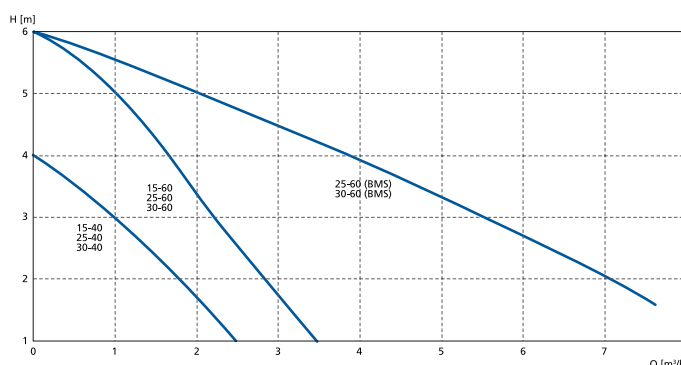
Future-proof by optimised efficiencies, exceeding the energy efficiency regulations applicable as of 2015

User-friendly thanks to vent plug at the front

2 Ease of handling and operation

- User-friendly design with vent plug at the front for manual venting and unblocking of the pump
- Straightforward operation via three keys
- Integrated plug for easy connection to the power supply without the need to open the pump
- Display and symbols indicate the current operating mode.
- High operating availability due to protective and manual functions
- Calio S is of outstanding quality, testified by 5-year-spare parts availability as per the German “Handwerkermarke” trade seal quality alliance.
- The automatic setback mode prevents unnecessary energy consumption.

Calio S characteristic curves



3 Cost efficiency

Maximum savings in operating costs by constant-pressure and proportional-pressure control modes combined with high-efficiency technology

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

4 Universal use

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

Technical data

Flow rate	Up to 3.5 m³/h
Head	Up to 6 m of water
Fluid temperature	+2 to +95 °C
Operating pressure	PN 10
Process connection	Rp ½", Rp 1", Rp 1¼"
Power supply	1~230 VAC 50/60 Hz
Enclosure	IP42

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

Type	Overall length	Article number
Calio S 15-40 130	130 mm	29 134 760
Calio S 15-60 130	130 mm	29 134 761
Calio S 25-40 130	130 mm	29 134 762
Calio S 25-60 130	130 mm	29 134 763
Calio S 25-40	180 mm	29 134 756
Calio S 25-60	180 mm	29 134 757
Calio S 30-40	180 mm	29 134 758
Calio S 30-60	180 mm	29 134 759
BMS variants*		
Calio S 25-60 BMS	180 mm	29 134 307
Calio S 30-60 BMS	180 mm	29 134 308

* 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)



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