Our technology. Your success.
Pumps ▪ Valves ▪ Service

Calio (Z) –
High-efficiency circulators

Calio 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 commercial buildings

More information:
www.ksb.com/products

Calio Z

Calio (Z) – High-efficiency circulators

1 Top energy efficiency

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

2 Simple to use, available when needed

- Commissioning is straightforward with the press&turn dial, an integrated display and symbols indicating the operating mode
- Dual pump operation with automatic changeover (integrated interface) enables redundancy
- Integrated protective and manual functions
- Dual pump management with automatic pump changeover, changeover and peak load operation in the event of a fault for Calio Z
- Direct selection of the Modbus address via the display

3 Cost-efficient

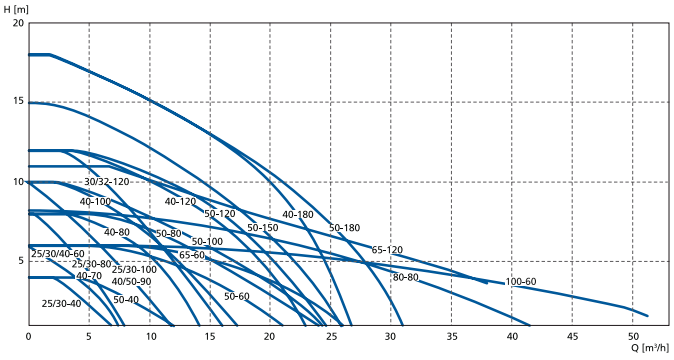
- High-efficiency technology combined with speed control and the new Eco Mode offer maximum savings
- All-in concept with integrated communication interfaces saves investment and commissioning costs

4 Versatile

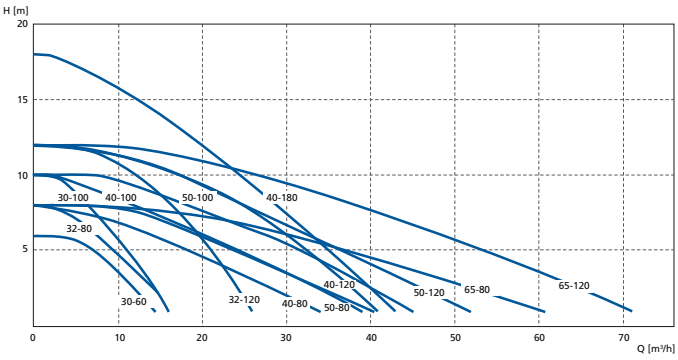
- Broad application range for supply and circulation systems
- Large product range with over 44 pump sizes/variants PN6/10/16 in standard overall lengths

5 Dynamic Control

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



Calio characteristic curves



Calio Z characteristic curves

Technical data

Type series	Calio	Calio Z
Flow rate	Up to 50 m³/h	Up to 70 m³/h
Head	Up to 18 m of water	Up to 18 m of water
Fluid temperature	-10 to +110 °C	-10 to +110 °C
Operating pressure	PN 6/10/16	PN 6/10/16
Processconnections	Rp 1", 1¼" (screw-ended pump) DN 32, 40, 50, 65, 80, 100	Rp 1¼" (screw-ended pump) DN 32, 40, 50, 65
Power supply	1~230VAC 50/60 Hz	1~230VAC 50/60 Hz
Enclosure	IPX4D	IPX4D

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