CalioTherm Pro

Circulator / High-efficiency Drinking Water Pump

- Drinking water circulation systems to DVGW-W551

CalioTherm Pro with threaded connection

More information
www.ksb.com/en-de

CalioTherm Pro – Circulator / High-efficiency Drinking Water Pump

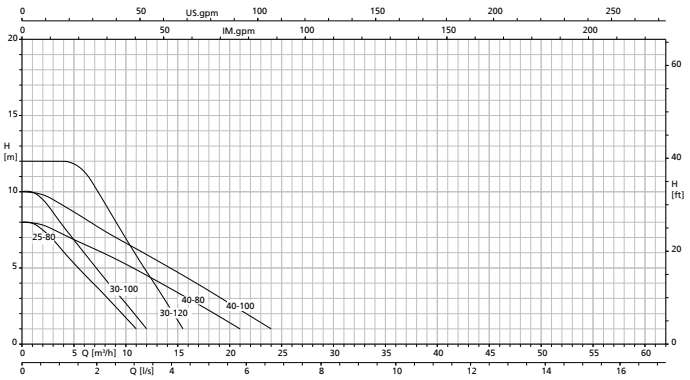
Benefits

- **Fast and straightforward commissioning**
  - Commissioning is straightforward with the press&turn dial, an integrated display and symbols indicating the operating mode.
- **Operating reliability**
  - Dual pump operation with automatic changeover (integrated interface) enables redundancy.
  - Operating reliability is increased through integrated protective and manual functions.
  - The Modbus address can be selected directly via the display.
- **Cost-efficient**
  - High-efficiency technology combined with the variable speed system make for maximum savings in operating costs.
  - The all-in concept with integrated communication interfaces reduces investment and commissioning costs.
- **Universal use**
  - High-grade tested materials make the pump suitable for a broad range of drinking water applications with fluid temperatures from +2 to +70 °C.
  - The high-grade stainless steel casing ensures a long service life and corrosion protection.
- **Dynamic Control**
  - The efficient operating mode lowers energy costs.
  - Undersupply in changing system conditions is practically ruled out.

Operating data

Characteristic		Value
Flow rate	Q [m³/h]	≤ 24
	Q [l/s]	≤ 6,7
Head	H [m]	≤ 12
Fluid temperature [1]	T [°C]	≥ +2
		≤ +70 [2]
Hardness of fluid handled	[°dH]	≤ 20
	[°fH]	≤ 35,7
Ambient temperature	T [°C]	≥ 0
		≤ +40
Operating pressure	p [bar]	≤ 10
Pressure class	PN [bar]	6/10
Average sound pressure level	[dB (A)]	≤ 40
Screw-ended connection	G	1 1/2 - 2
Flanged connection	DN	40

Characteristic curves



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Size	Connection		PN	n		P_1	I_N	Mat. No.	[kg]
	Piping	Pump	[bar]	Min.	Max.	[W]	1~230 V AC, 50 Hz / 60 Hz		
				[rpm]	[rpm]		[A]		
25-80	R 1	G 1 1/2	6/10	1000	4000	3.5 - 180	0.15 - 0.86	29134853	4.6
30-100	R 1 1/4	G 2	6/10	1000	4500	3.5 - 180	0.15 - 0.85	29134854	4.8
30-120	R 1 1/4	G 2	6/10	1000	4000	3,5 - 330	0,15 - 1,50	29134855	6.4
40-80	DN 40	DN 40	6/10	1000	3600	3.5 - 265	0.15 - 1.22	29134849	11.1
40-100	DN 40	DN 40	6/10	1000	4000	3.5 - 360	0.15 - 1.65	29134856	11.1

1 We recommend fluid temperatures no higher than 65 °C to prevent possible consequences caused by lime sedimentation. Higher fluid temperatures are permissible for short periods (e.g. for thermal disinfection cycles).

2 ≤ +75 °C for short-time operation ≤ 5 minutes

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