



DeltaMacro

Pressure Booster System



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- Pressure boosting
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DeltaMacro – Pressure Booster System

Benefits

■ Energy-efficient

- The pressure booster system is equipped with KSB Su-PremE IE5 ¹⁾ synchronous reluctance motors (for the DeltaMacro SVP variant).
- Speed control ensures energy-efficient operation and constant pressure.
- Smart software increases energy efficiency and provides additional pump control settings.

■ Features

- A manual-O-automatic selector switch is integrated as standard.
- Volt-free contacts are provided in the control cabinet for alerts and warnings, "in operation" and fault messages per pump, and external dry-running protection (optional).
- A Modbus RTU interface is provided as standard to facilitate external communication.

■ Service-friendly

- The innovative length-adjustable lift check valve allows maintenance work to be carried out without interrupting the water supply.

■ Easy to operate

- The manifold position can be changed easily at the place of installation (with Movitec sizes 2-25).
- The manifold can be connected on both sides (Movitec sizes 40-125).
- The KSB BoosterCommand Pro Plus (IP54) control unit is operated intuitively via a single button.
- Connection via Bluetooth enables convenient system parameterisation using the KSB Delta FlowManager app.

■ Durable

- The powder-coated baseplate and stainless steel hydraulic components provide a high level of corrosion resistance.

■ Reliable and safe

- Integrated dry running protection ensures reliable operation.
- Zero dead volume in the piping and optimum flushing of add-on parts provide protection against legionella.

■ Suitable for drinking water

- The system components are suitable for drinking water, and the systems are certified to the relevant applicable drinking water standards.

Operating data

Feature		Value		
		F	VC	SVP
Flow rate	Q [m³/h]	≤ 640	≤ 660	≤ 960
	Q [l/s]	≤ 177,8	≤ 183,3	≤ 266,7
Head	H [m]	≤ 154	≤ 134	≤ 154
Fluid temperature	T _{min.} [°C]	≥ 0	≥ 0	≥ 0
	T _{max.} [°C]	≤ +60	≤ +60	≤ +60
Operating pressure	p [bar]	≤ 16	≤ 16	≤ 16
Max. inlet pressure	p _{inl} [bar]	≤ 8	≤ 8	≤ 8
Motor rating	P [kW]	≤ 22,00	≤ 7,50	≤ 30,00

¹⁾ Efficiency classes to IEC TS 60034-30-2:2016