DeltaBasic

Pressure Booster System



- Pressure boosting



DeltaBasic MVP

More information
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DeltaBasic – Pressure Booster System

Operating data

Characteristic		Value	
		MVP	SVP
Flow rate	Q [m^3/h]	≤ 66	≤ 88
	Q [l/s]	≤ 18,3	≤ 24,4
Head	H [m]	≤ 108	≤ 134
Fluid temperature	$T_{min.}$ [°C]	≥ 0	≥ 0
	$T_{max.}$ [°C]	≤ +60	≤ +60
Operating pressure	p [bar]	≤ 16	≤ 16
Max. inlet pressure	p_{inl} [bar]	≤ 8	≤ 8
Motor rating	P [kW]	≤ 2,20	≤ 7,50

Benefits

■ Energy-efficient

- The pressure booster system is equipped with KSB SuPremE IE5 [1] synchronous reluctance motors (for the SVP variant).
- Speed control ensures energy-efficient operation and constant pressure.

■ 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 ready-to-connect, pre-assembled and tested system makes for fast and straightforward commissioning.
- The manifold position can be changed easily at the place of installation.

■ Space-saving

- The compact design makes for a small footprint.

■ Long service life

- 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.

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

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