



UPA C 150

Submersible Borehole Pump



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| <ul style="list-style-type: none">• General groundwater extraction and transport• Municipal drinking water supply• Industrial service water supply• Agricultural irrigation | <ul style="list-style-type: none">• Pressure boosting in water supply systems• Cooling water and ballast water supply in offshore applications | <ul style="list-style-type: none">• Drinking water and service water supply for private homes• Rainwater harvesting and irrigation systems for private homes• Heating and air-conditioning in building services |
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More information
www.ksb.com/en-de



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Operating data

Characteristic		Value	
		50 Hz	60 Hz
Flow rate	Q [m³/h]	≤ 79	≤ 93
	Q [US gpm]	≤ 348	≤ 410
Head	H [m]	≤ 440	≤ 460
	H [ft]	≤ 440	≤ 1509

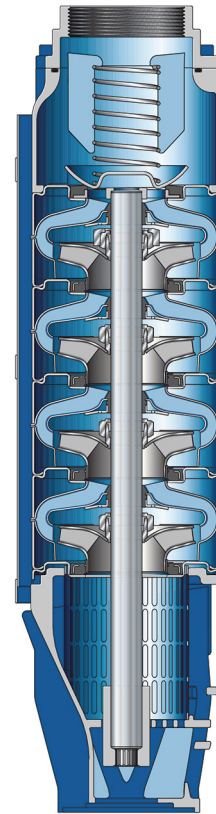
Benefits

■ Efficient and durable

- Optimised hydraulic systems and particularly smooth surfaces ensure the best efficiencies and a low energy consumption.
- Individually configured number of stages, motors, cables and accessories enable optimum adjustment to each specific application.
- With its robust design and corrosion-resistant stainless steel components as well as laser-welded impellers and stage casings the pump provides a long service life and reliable operation.
- A high-efficiency permanent magnet synchronous motor of the type UMA S and a variable speed system can raise the overall efficiency even further.

■ High flexibility

- Vertical, horizontal and angled installation options offer maximum flexibility for designing the plant and system.
- The configuration with cooling shroud enables operation where fluid temperatures are higher or the flow of fluid past the motor is insufficient.
- Installation in a pressure shroud allows integration in a piping system as a maintenance-free alternative to dry-installed pumps.
- When combined with a suction shroud, the pump can be used for low immersion depths or strongly fluctuating water levels.
- Various threaded or flanged discharge connections of different diameters provide flexibility of connection to the riser.
- Comprehensive accessories are available, such as a centring device, dry running protection, temperature sensor, frequency inverter and voltage filter.



Materials

Component	Material variant		
	EE	CC	DD
Impeller	1.4301	1.4404	1.4539
Stage casing	1.4301	1.4404	1.4539
Suction casing	1.4408	1.4408	1.4517
Lift check valve	1.4408	1.4408	1.4517
Shaft	1.4057 / 1.4460	1.4460	1.4460