

UPA 150C – Submersible Borehole Pumps From 150 mm (6 inches)



Applications:

- Handling clean or slightly contaminated water
- Domestic water supply, water supply systems
 - General irrigation and spray irrigation systems
 - Industrial water supply
 - Lowering and maintaining groundwater levels
 - Pressure boosting
 - Air-conditioning
 - Fire-fighting systems
 - Heat pumps

More information: www.ksb.com/products

UPA 150C – Submersible Borehole Pumps

From 150 mm (6 inches)

High operating reliability and long service life

- Equipped with reinforced suction strainer
- Sturdy suction casing and non-return valve made of investment cast stainless steel
- Laser-welded impellers
- Protected against thrust reversal
- Standard design made of high-grade stainless steel (also available in CrNiMo steel for aggressive fluids)

Flexibility

- Exchangeable connection variants for various riser pipe connections
- Non-return valve easy to remove
- With NEMA connection
- For installation in narrow deep wells
- For vertical, inclined or horizontal installation

Approved for drinking water

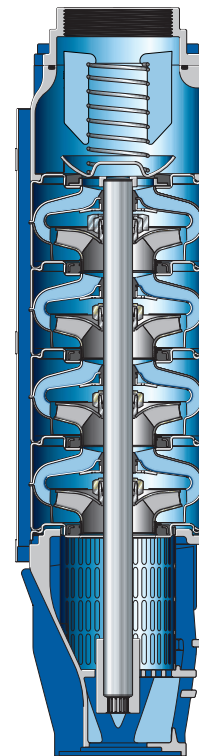
- ACS-certified

Maximum efficiency and low operating costs

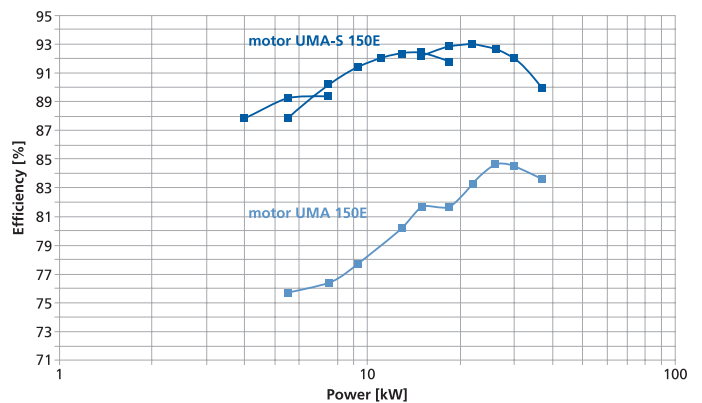
- Consistently high efficiencies
- Low-loss non-return valve
- In comparison with conventional asynchronous motors, savings of at least 8 % can be achieved with fully compatible, high-efficiency UMA-S 150E motors (up to 37 kW).

Ease of maintenance

- Easy to assemble and dismantle
- Rewindable KSB motors (UMA motors)



Efficiency classes to IEC 60034-30: UMA 150E and UMA-S 150 E motors compared



| Technical data | 50 Hz | 60 Hz |
|------------------------|--------------------------------------|--------------------------------------|
| Max. flow rate | 79 m ³ /h 348 gpm (US) | 93 m ³ /h 410 gpm (US) |
| Max. head | 440 m 1444 ft | 460 m 1509 ft |
| Max. speed | 2900 U/min | 3500 U/min |
| Max. fluid temperature | 50 °C 122 °F | 50 °C 122 °F |

Materials

Completely made of stainless steel; available either in CrNi steel (1.4301/AISI 304) or, for aggressive fluids, in higher-grade CrNiMo steel (1.4401/AISI 316).



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