

Amarex KRT

Submersible Motor Pump



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|--------------------------------|--------------------------------|-------------------|
| • Waste water management | • Disposal | • Sludge disposal |
| • Service water supply systems | • Waste water treatment plants | |
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AmaControl protection module for water and waste water products

More information
www.ksb.com/en-gb



Amarex KRT – Submersible Motor Pump

Operating data

Characteristic		Value
Flow rate	Q [m³/h]	≤ 10080
	Q [l/s]	≤ 2800
Head	H [m]	≤ 120
Fluid temperature	T [°C]	≤ +60
Motor rating	P ₂ [kW]	0,8 - 850

Benefits

■ Reliable operation

- Non-clogging impellers with large free passages are available to suit every type of waste water and operating range.
- The absolutely watertight cable entry provides safety.
- Monitoring sensors trigger a warning in the event of overheating or ingress of moisture.

■ Energy-efficient

- The optimised, highly efficient hydraulic systems reduce energy consumption.
- The energy-saving motors meet IE3 requirements.¹⁾

■ Reliable and dependable

- Two bi-directional mechanical seals ensure safe operation.

■ Cost-efficient

- Materials such as grey cast iron, stainless steel or white cast iron enable a long service life of the impellers and the entire pump set.
- Rolling element bearings are lubricated for life to reduce maintenance.
- The use of standardised components interchangeable within this type series and with the waste water pumps of the Sewatec type series results in optimised spare parts inventories.

■ Flexible

- Various installation types to suit different building structures

Impellers



Type F/F-max



Type E/E-max



Type D



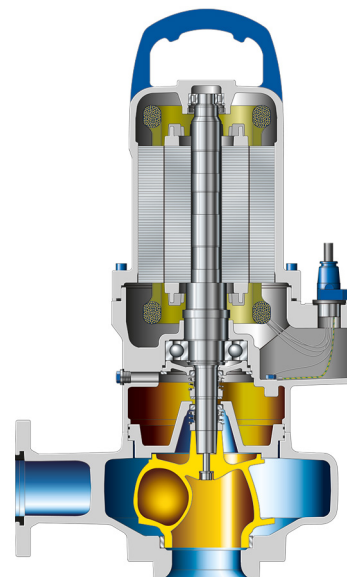
Type D-max



Type K/K-max



Type S-max



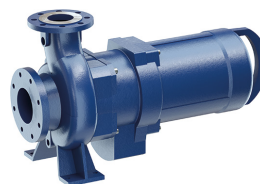
Installation options



Stationary wet installation



Transportable wet-installed model



Stationary dry installation, horizontal



Stationary dry installation, vertical

¹ The IEC 60034-30 standard is not binding for submersible motors. Efficiencies are calculated/determined by analogy with the measurement method specified in IEC 60034-2. The marking is used for submersible motors that achieve efficiency levels similar to those of standardised motors acc. to the IEC 60034-30 standard.