

Amarex KRT – Submersible Motor Pump for Waste Water Applications



Applications:

- Waste water transport
- Municipal and industrial waste water
- Waste water treatment
- Sludge treatment
- Storm water transport

More information:

www.ksb.com/products

Amarex KRT – Submersible Motor Pump for Waste Water Applications



1 Non-clogging low-maintenance design

Large free passages substantially reduce clogging risk and maintenance.

2 Optimum hydraulic and energy efficiency

due to high-efficiency motors (IE3*) and variable hydraulic systems offering the right pump for every fluid.

3 Safety

Absolutely water-tight resin-sealed cable entries prevent any water from entering the motor – even in the event of a damaged cable.

4 Reliability

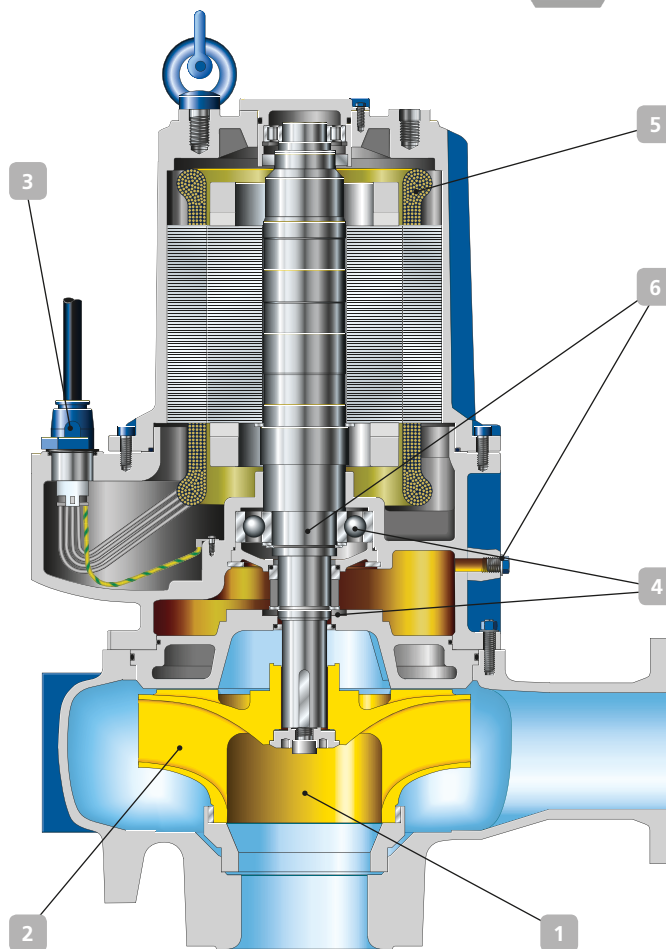
Two bi-directional mechanical seals are fitted. Rolling element bearings sealed for life reduce the maintenance requirement.

5 Monitoring

Sensors monitor the motor temperature and prevent overheating. Moisture sensors signal any ingress of moisture into the motor.

6 Long service life

The shaft is made of corrosion-proof stainless steel. All wetted fasteners, too, are made of stainless steel.



Impellers



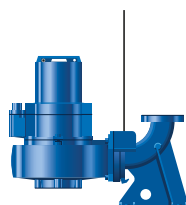
Type S

Type F

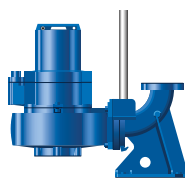
Type D

Type E

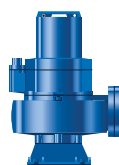
Type K



Guide wire
installation



Guide rail
installation



Transportable
version

Technical data

Pump sizes	DN 40 to 700
Capacity	up to 10,080 m³/h
Head	up to 120 m
Fluid temperature	up to 60 °C
Automation possible	

* The IEC 60034-30 standard is not applicable for submersible motors. Efficiency is calculated/determined by applying the measurement method defined in IEC 60034-2. The marking is used for submersible motors which achieve efficiency levels comparable to standardised motors complying with IEC 60034-30.



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