Amarex KRT with Premium Efficiency Motors (IE3) – Submersible Waste Water Pump for Wet and Dry Installation

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 with Premium Efficiency Motors (IE3) – Submersible Waste Water Pump for Wet and Dry Installation

1. **Non-clogging low-maintenance design**
   Large free passages substantially reduce clogging risk and maintenance (inspection hole provided on pumps with DN 100 and above).

2. **Optimum hydraulic and energy efficiency**
   Premium Efficiency motors and variable hydraulic systems provide the basis for 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**
   due to two bi-rotational mechanical seals and rolling element bearings sealed for life.

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 (1.4571).

---

**Technical data**

- **Capacity**: Up to 120 l/s
- **Discharge pressure**: Up to 10 bar
- **Fluid temperature**: Up to +60 °C
- **Speed**: 960 and 1450 rpm

**Impellers**

- K impeller
- F impeller
- E impeller
- D impeller