

## Amarex KRT – Compact Waste Water Pump with Cooling Jacket



### Applications:

- Waste water transport
- Waste water treatment
- Sludge treatment
- Stormwater transport
- Flood control

### More information:

[www.ksb.com/products](http://www.ksb.com/products)



Type F/F-max



Type E/E-max



Type D



Type D-max



Type K/K-max

### Intelligent monitoring



Amacontrol – Protection Module  
for Water and Waste Water Products

# Amarex KRT – Compact Waste Water Pump with Cooling Jacket

## 1 Reliable operation

- Non-clogging impellers with large free passages, optimised for every type of waste water
- Specially protected cable entry
- Monitoring: Sensors trigger a warning in the event of overheating or ingress of moisture.

## 2 Energy-saving

- Optimised hydraulic system yields high efficiency.
- Energy-saving motors meeting IE3 requirements\*

## 3 Dependability

- Motor cooling via a closed cooling circuit – hence no contact between cooling liquid and fluid handled; no external cooling required
- Double cartridge mechanical seal
- Dependable operation even at ambient temperatures of up to 55 °C

## Cost efficiency

- The right material for every fluid: grey cast iron, stainless steel and white cast iron for a long service life of impellers and entire pump set
- Rolling element bearings lubricated for life to reduce maintenance
- Optimised spare parts inventories: Standardised components are interchangeable within this type series and with waste water pumps of the Sewatec type series.

## Amaslide maintenance aid



## Different installation options



Wet installation with guide wire



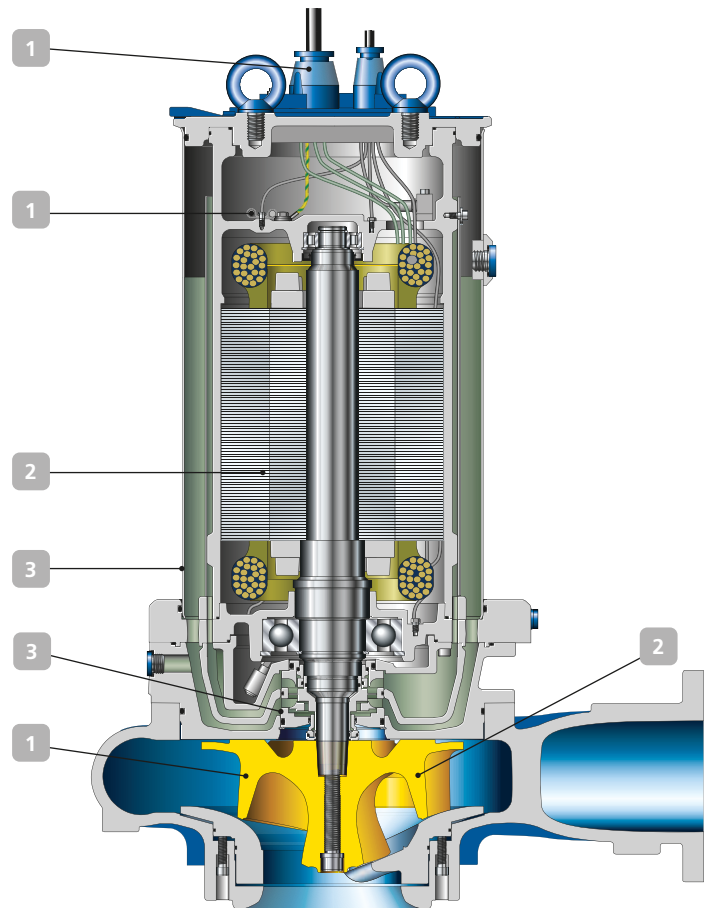
Wet installation with guide rail(s)



Horizontal dry installation



Vertical dry installation



## Ease of maintenance

- Cartridge mechanical seal with integrated impeller for cooling liquid circulation as plug-and-play solution
- Fits horizontal Amaslide maintenance aid
- Optimised for use with Amacontrol for digital monitoring

\* IEC 60034-30 standard not binding for submersible motors. Efficiencies calculated/determined according to 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 to the IEC 60034-30 standard.

## Technical data

|                    |   |
|--------------------|---|
| Sizes              | Up to DN 300  |
| Flow rate          | Up to 2.000 m <sup>3</sup> /h                       |
| Head               | Up to 50 m  |
| Temperature        | Up to 40 °C fluid handled / up to 55 °C ambient air |
| Automation options | Yes   |



KSB SE & Co. KGaA  
 Johann-Klein-Straße 9  
 67227 Frankenthal (Germany)  
 www.ksb.com