Our technology. Your success.
Pumps ▪ Valves ▪ Service

Amarex KRT – Compact Wastewater Pump with Cooling Jacket

Compact Jacket-Cooled Motor
10hp to 87hp

Additional KRT Series Pumps:

Motor with convection cooling
5hp to 10hp

Full-size Jacket-Cooled Motor
up to 1,005hp

Applications:

- Wastewater transport
- Wastewater treatment
- Sludge treatment
- Stormwater transport
- Flood control

More information:
www.ksb.us.com

Impeller options

Type F-max

Type E-max

Type D

Type K-max

Also available with lifting lugs

Amarex KRT –
Compact Wastewater Pump with Cooling Jacket

1 Reliability

- Non-clogging impellers with large free passages, optimized for every type of wastewater
- Watertight, resin-sealed cable entry system, even in the event the cable is damaged
- Monitoring sensors:
  - motor temperature and leakage
  - mechanical seal leakage (float switch)
  - vibration sensor (optional)
  - bearing temperature at pump and motor end (optional)
- Explosion-proof, meeting FM and CSA requirements
- Wear rings in hard metal to ensure continued high efficiencies and long impeller life

2 Energy-saving

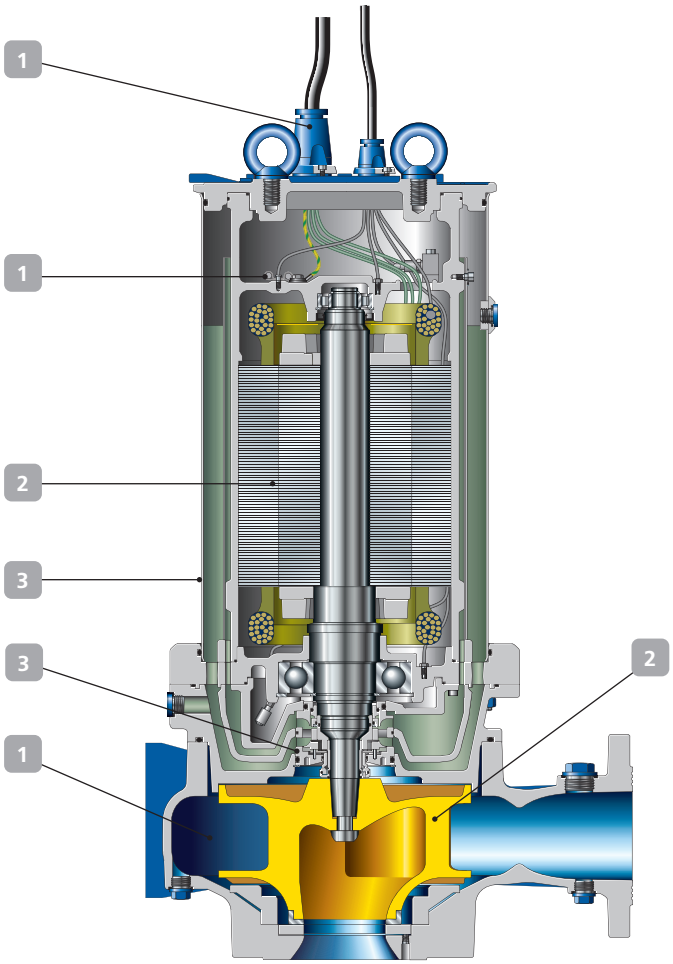
- Optimized hydraulic system yields high efficiency
- Energy-saving motors meeting IE3 requirements*
- VFD compatible

3 Dependability

- Motor cooling via a closed cooling circuit – hence no contact between cooling liquid and fluid handled; no external cooling required
- Double mechanical seal for added protection
- Dependable operation even at high ambient temperatures

Ease of maintenance

- Cartridge mechanical seal with integrated impeller for cooling liquid circulation
- Optimized for digital monitoring



Cost efficiency

- The right material combinations for a long service life, including: grey cast iron, wear resistant high chromium white iron, duplex stainless steel, white cast iron
- Rolling element bearings lubricated for life to reduce maintenance
- Optimized spare parts inventories: Standardized components are interchangeable within this type series and with wastewater pumps of the Sewatec type series

Multiple options for installation


Wet installation guide wire


Wet installation guide rail


Dry installation horizontal


dry installation vertical

Amaslide option

Slide mount for convenient, one-person maintenance and inspection

* 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 standardized motors to the IEC 60034-30 standard.

Technical data

Discharge diameter sizes	Up to 12 inches
Flow rate	Up to 8,800 gpm
Head	Up to 160 feet
Horsepower range	Up to 87hp
Fluid handling termperature	Up to 104°F
Automation options	Available upon request

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