

# Amarex KRT – Jacket-cooled Waste Water Pump

Industry

Water

Waste Water

Energy

Building Services

Mining



## Applications:

- Waste water transport
- Waste water treatment
- Sludge treatment
- Storm water transport

Further information: [www.ksb.com](http://www.ksb.com)

[www.ksbusa.com](http://www.ksbusa.com)

# Amarex KRT – Jacket-cooled Waste Water Pump

## 1 Extensive Sensor Technology

- numerous sensors constantly monitor the windings, bearings and mechanical seals

## 2 Motor

- long service life
- high efficiency
- B-10 bearing life of 100,000 hours
- class H insulation
- FM/CSA approved, Class I, Div. 1, Groups C & D
- maintenance-friendly

## 3 Closed Cooling System

- optimal heat dissipation in all operating conditions (wet, dry, partly flooded or permanently submerged)
- no external cooling required

## 4 Cable Entry

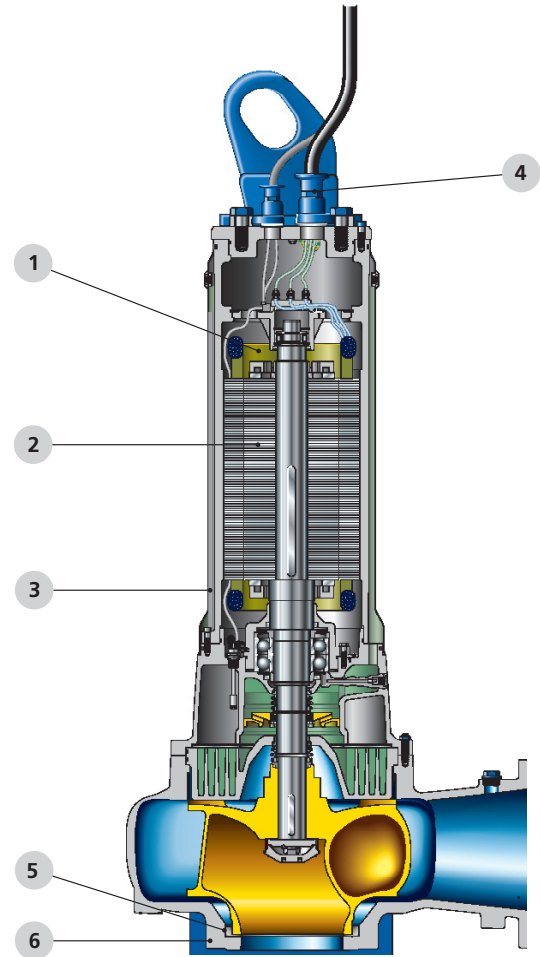
- epoxy sealed to insure no liquid gets inside the motor even if the cables are severed below water level.

## 5 Long Service Life

- wear rings in hard metal to insure continued high efficiencies and long impeller life.

## 6 Casting

- major casting of ASTM A 48 Class 35 B cast iron, duplex stainless steel and wear resistant chromium white iron available.



### Impellers:



Type F



Type E



Type K

### Flexible Installations:



stationary guide wire installation



stationary guide rail installation



transportable



dry installation

### Technical data:

Sizes:	up to 30"
Max. flow rate:	45,000 gpm
Max. head:	330 ft
Max. discharge pressure:	145 psi
Max. temperature:	104° F
Automation available	