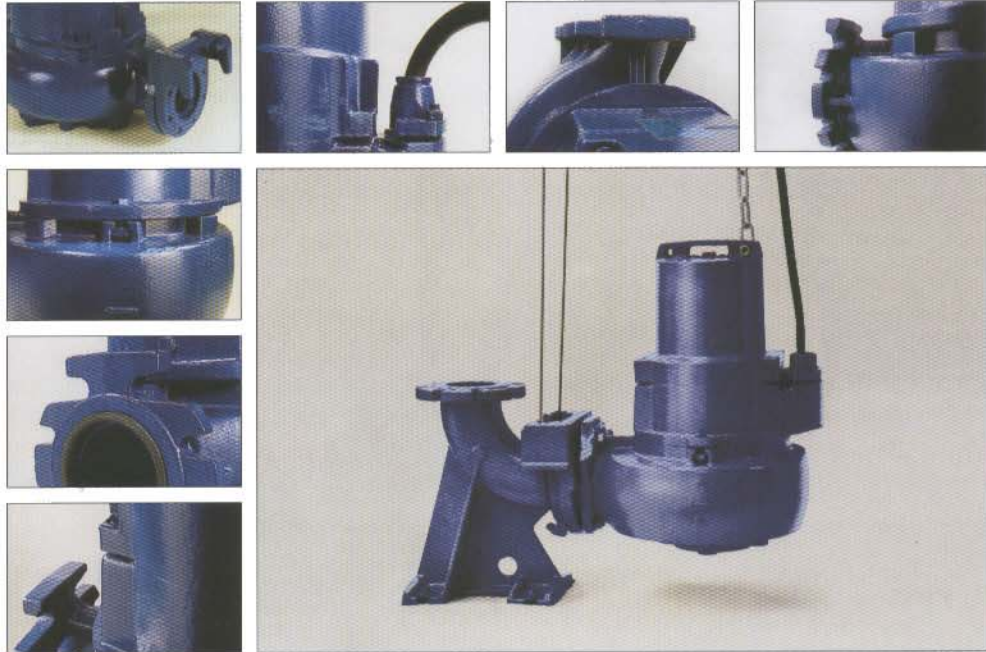


CONSISTENTLY VERSATILE.  
IMPRESSIVE PERFORMANCE.



115 HURLEY ROAD - OXFORD - CT - 06478  
PH (203) 264-6700 - FAX (203) 264-6777  
[www.hydrotec-inc.com](http://www.hydrotec-inc.com)



## The multifunctional pump with the highest performance.

The product range from KSB is the result of over 100 years of experience in pump design coupled with an in depth knowledge of differing customer requirements.

The submersible motor pump Amarex KRT overcomes all the problems associated with the handling of sewage and wastewater, both in economic and environmental terms.

Innovation and technical excellence facilitate diverse installations. Waste water from residential and industrial areas as well as municipal installations are no problem to the Amarex KRT.

They function reliably in transfer pumping stations and pressure drainage systems, in the transportation of unscreened sewage, surface water, drainage water and sludge. Also in indus-

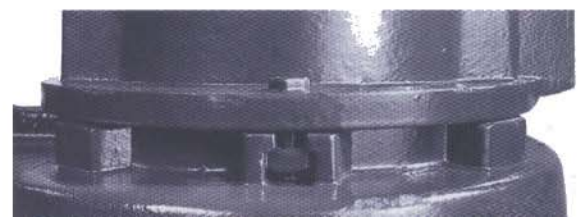
trial applications such as those in the steel, cellulose, paper, textile and food industries.

The corrosive and abrasive nature of municipal and industrial waste water demand the



use of specific materials that will provide resistance.

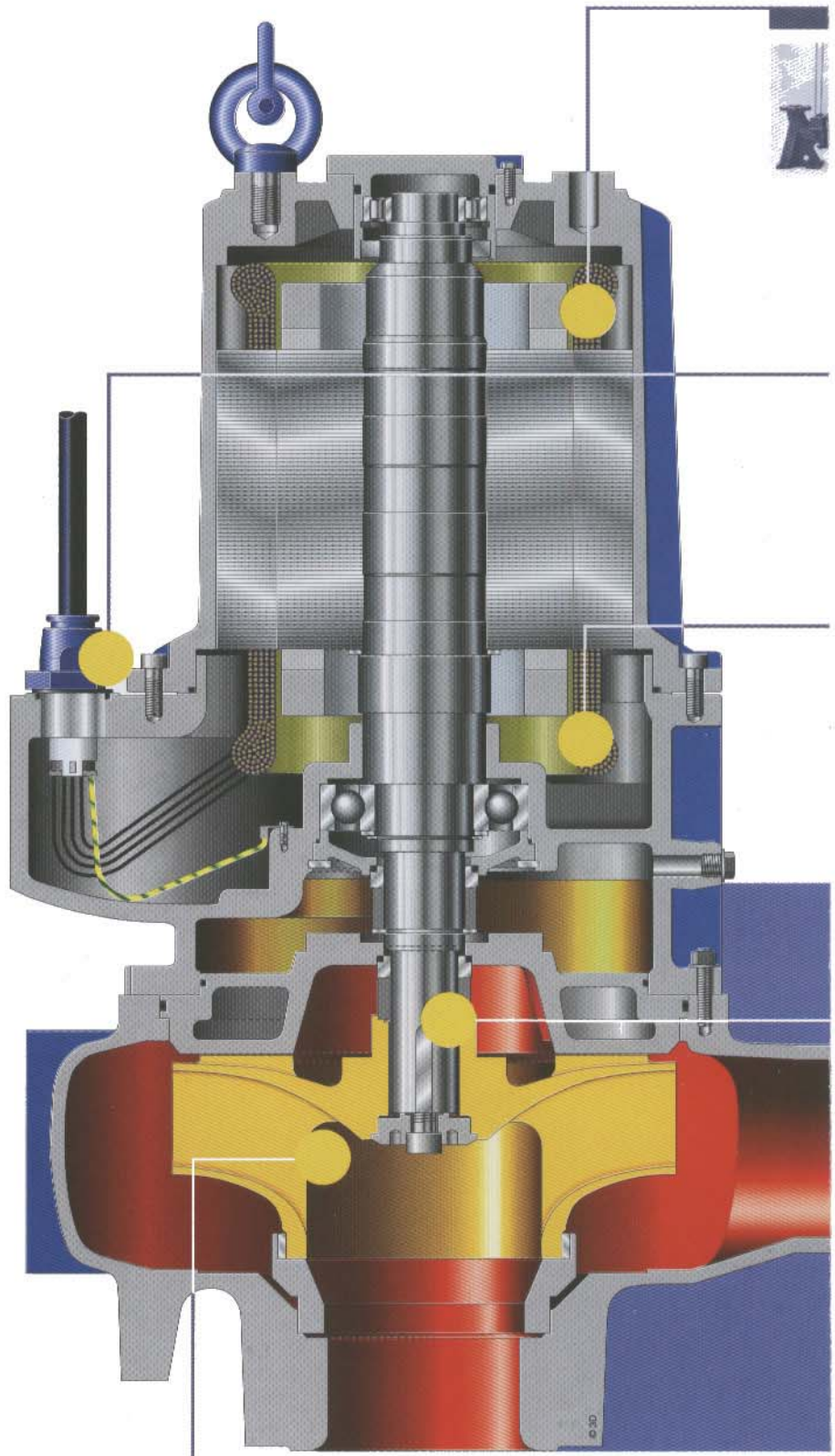
Carefully selected material combinations of cast iron, hard iron and Duplex steel for pump castings and components ensure optimum protection for uninterrupted operation.



# Unparalleled performance with security.

The Amarex KRT swallows a lot, but remains operationally secure in the toughest of conditions. An impeller design for every application with the option of a cutter on small pumps when the duty demands it.

**High**  
Dry,  
squir  
conti

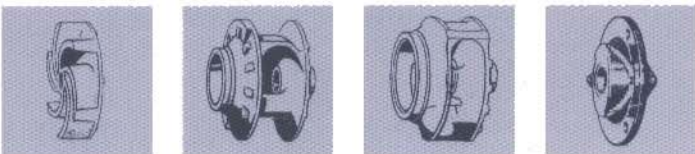


The F impeller  
(free flow)

The E impeller  
(single vane)

The K impeller  
(multi vane)

The S impeller  
(cutter unit)



## Various hydraulics

for optimum operation no matter what the liquid.

## Best Construction

Submersible (IP68),  
Steel cage flameproof motor,  
Continuously rated.

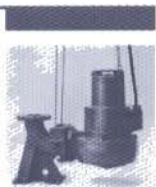


## Totally sealed

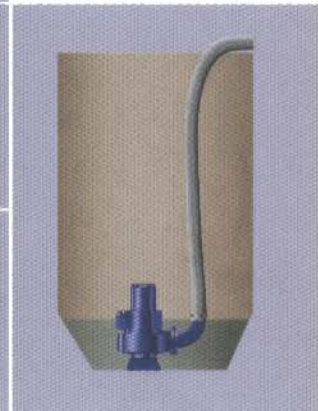
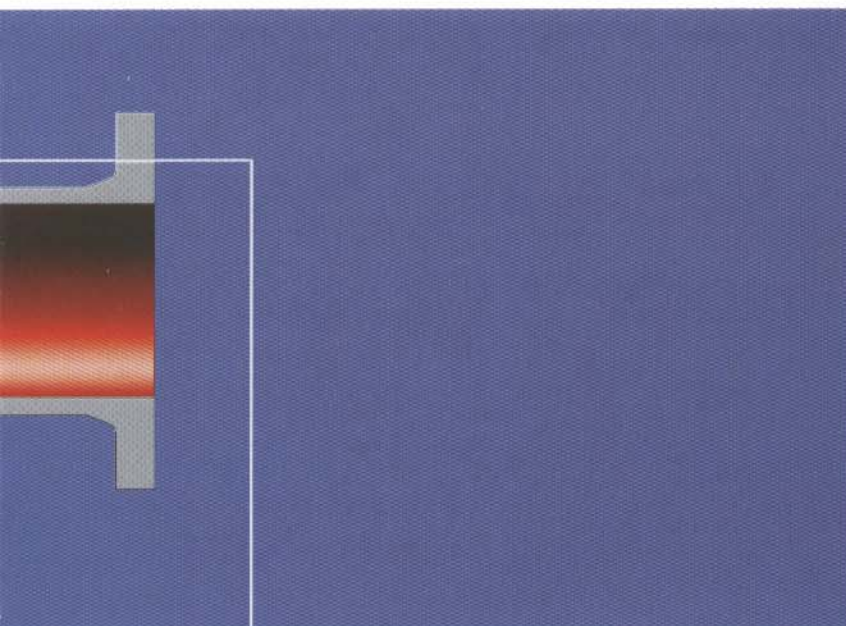
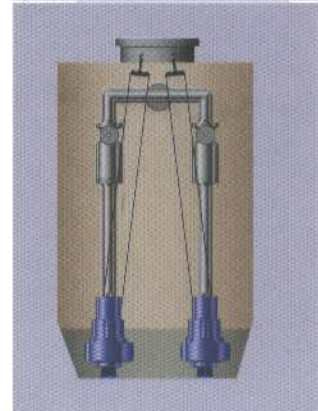
A long cable gland with  
cable sheath and conductors  
cast in epoxy resin ensure  
a watertight seal.

## No overheating

Temperature switches  
prevent the motor from  
getting too hot.



The Amarex KRT can be instal-  
led as a fixed or portable arrange-  
ment. Parallel guide wires,  
developed by KSB provide flexi-  
bility on fixed installations.  
Guide rails can be provided as  
an option.



## Extended Life

Two unidirectional mechanical seals  
with silicon carbide faces

# Adaptable and Economic

Sizes from DN 40 up to DN 700

Fixed and portable wet well installation

E, F, or K impeller designs for optimum efficiency

Cutter for coarse or stringy matter on DN 40 and DN 50 pumps

Tandem mechanical seals in an oil bath is the standard shaft seal

Materials to suit the application: cast iron, hard iron or Duplex stainless steel.

Automatic connection to the duckfoot on fixed installations.

Absolutely weather tight cable gland connection

Capacities up to 1700 l/s, Heads up to 100m.



**KSB provides worldwide:**

### **24 hr service**

The assembly, inspection, maintenance and repairs we provide set the standard.



### **Advice at site**

KSB is active globally. A network of manufacturing plants and sales offices world-wide provide the fast and comprehensive service our customers expect.



### **Competence and experience**

KSB has supplied pumps for over a century. This 125 year tradition is a 125 years of experience allied to the latest technology.

