

# KRT - Submersible motor pump for waste water applications

Industry

Water

Waste Water

Energy

Building Services

Mining

## Typical Applications:

Municipal and Industrial Waste Water

- Treated and Untreated Sewage systems
- Liquids containing air and gas
- Activated, raw and digested sludge

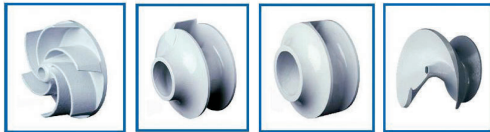
Further information: [www.ksbusa.com](http://www.ksbusa.com)



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## Variable Hydraulic System

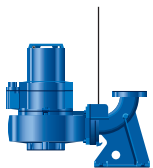
- The right impeller with optimum efficiency for cost effective and reliable operation.



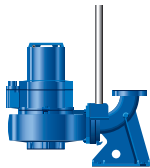
## Reduce Life Cycle Costs

- High efficiency motors
- Two bi-rotational mechanical seals
- Motors specifically developed for submersible motor pumps with air filled housings, explosion proof rating.
- Automatic monitoring of winding temperature and moisture.
- Water tight cable entry system
- Maintenance-friendly

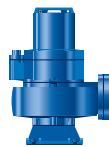
## Wet Well Installations



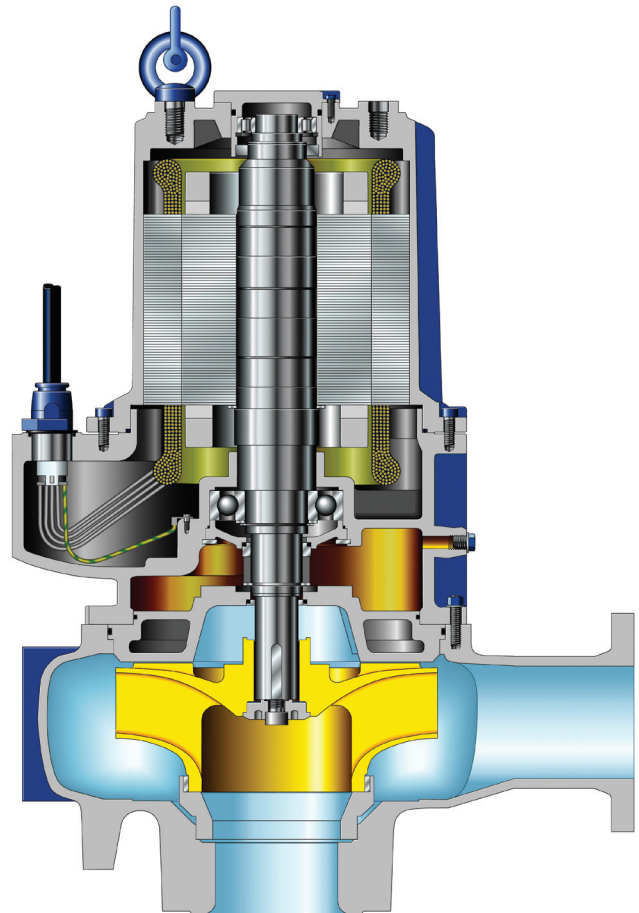
guide wire installation



guide rail installation



transportable



### Materials:

|                                                                       |                 |
|-----------------------------------------------------------------------|-----------------|
| Casing:                                                               | cast iron       |
| Shaft:                                                                | stainless steel |
| Impeller:                                                             | cast iron       |
| Optional Materials: high chrome white iron and duplex stainless steel |                 |

### Technical data of the standard configuration:\*

|                   |            |
|-------------------|------------|
| Pump size:        | 2" - 30"   |
| Max. flow rate:   | 45,000 gpm |
| Max. head:        | 330 ft     |
| Max. temperature: | 140 °F     |
| Max. motor power: | 1080 hp    |

\* Higher ratings on request