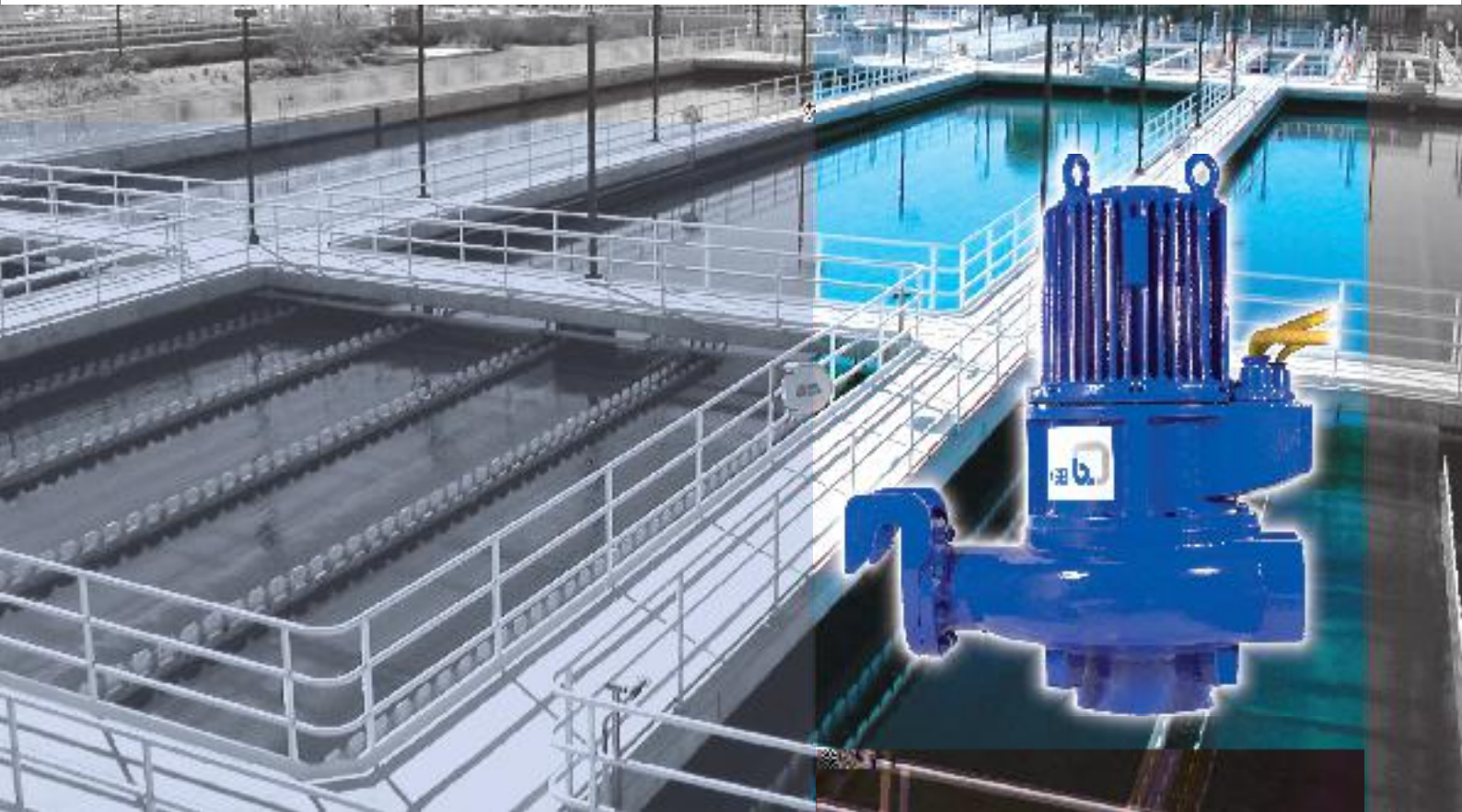


Submersible Motor Pumps - KRT



The multi-functional pump with the highest performance

The product range from KSB is the result of over 140 years of experience in pump design coupled with an in depth knowledge of different working conditions.

The submersible motor pump **KRT** overcomes all the problems associated with the handling of sewage and waste-water, 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 **KRT**.

KRT pumps function reliably in transfer pumping stations and pressure drainage systems, in the transportation of unscreened sewage, surface water, drainage water and sludge. Also in industrial applications such as those in the steel, cellulose, paper, textile and food industries.

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 & Stainless Steel for pump castings & hydraulic components ensure optimum protection for uninterrupted operation.



Range of models available



Pump with surface cooled motor



Pump with jacket cooled motor



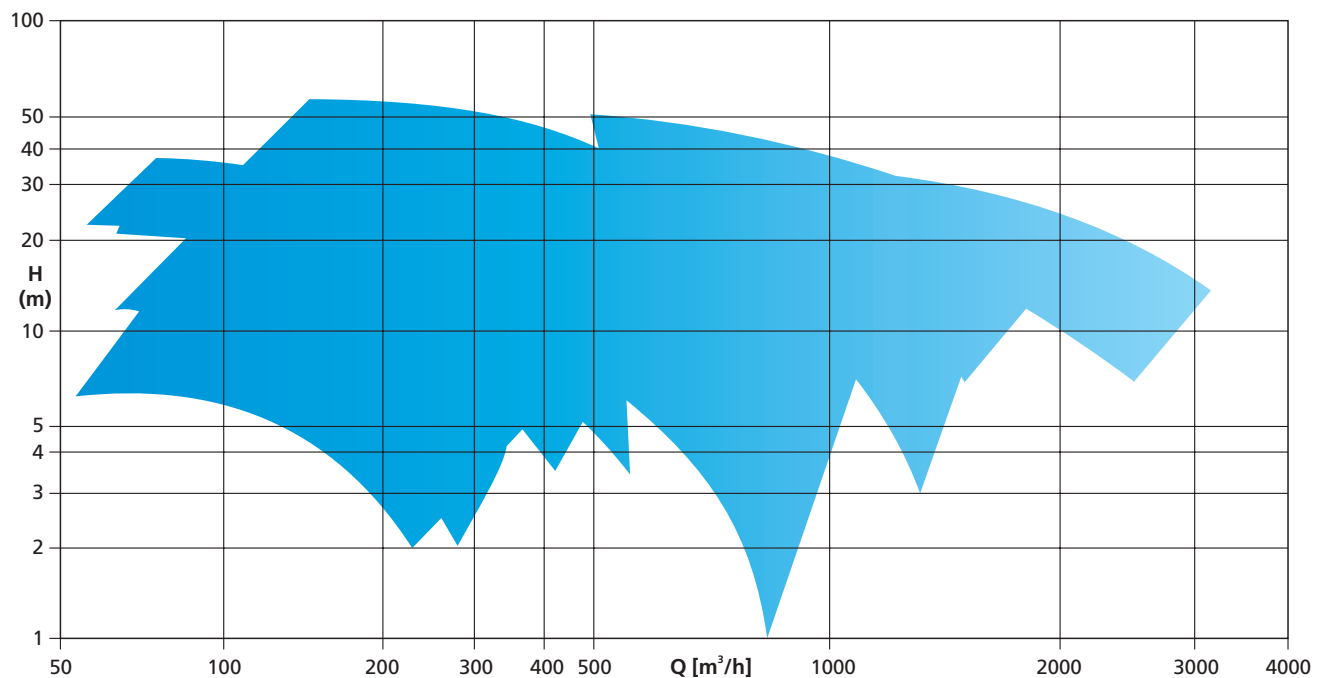
Technical Specifications

| | |
|----------------------------------|-----------------|
| Impeller type | Non Clog |
| DN (mm) | up to 350 |
| Discharge (l/s) | up to 900 |
| Head (m) | up to 60 |
| Temperature of pumped media (°C) | up to 40°C |
| Free passage (mm) | up to 143 |
| Speed (1/min) | 1450 or 960 |
| Frequency (Hz) | 50 |
| Voltage (V) | 415 (-15% +10%) |
| Power rating (kW) | 11 to 165 |

KRT

Submersible Motor Pumps

Performance range



Type of installations

(Schematic)



Stationary guide wire installation



Stationary guide rail installation



Transportable

Unparalleled performance with security

KRT swallows a lot, but remains operationally secure in the toughest of conditions. An impeller design for every application when the duty demands it.



Totally sealed

A long cable gland with cable sheath and conductors cast in epoxy resin ensures a water tight seal.

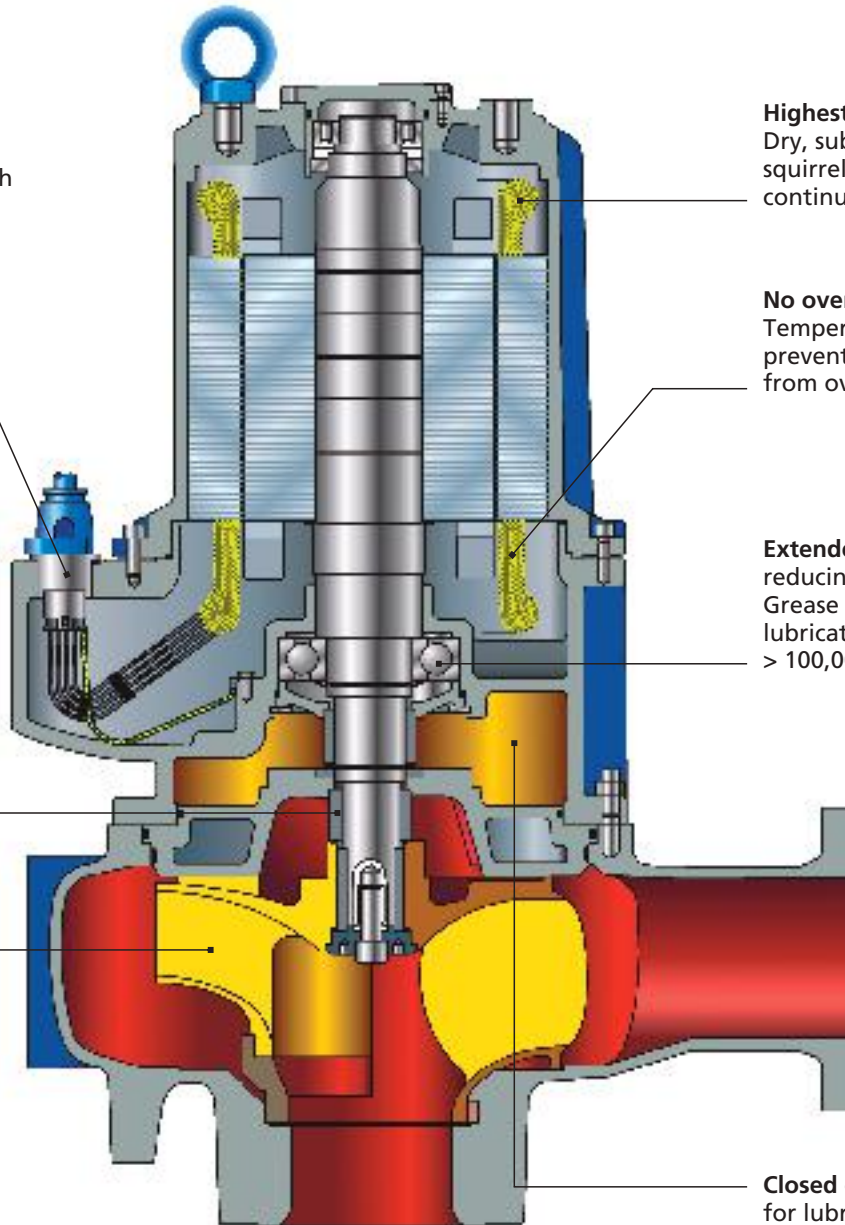
Extended Life

Mechanical seal with silicon carbide faces, independent of the direction of rotation.

The E impeller (single vane)



Variety of hydraulics for optimum operation no matter what the liquid is



Highest Construction

Dry, submersible (IP68), squirrel cage motor, continuously rated.

No overheating

Temperature switches prevent the motor from overheating.

Extended maintenance intervals

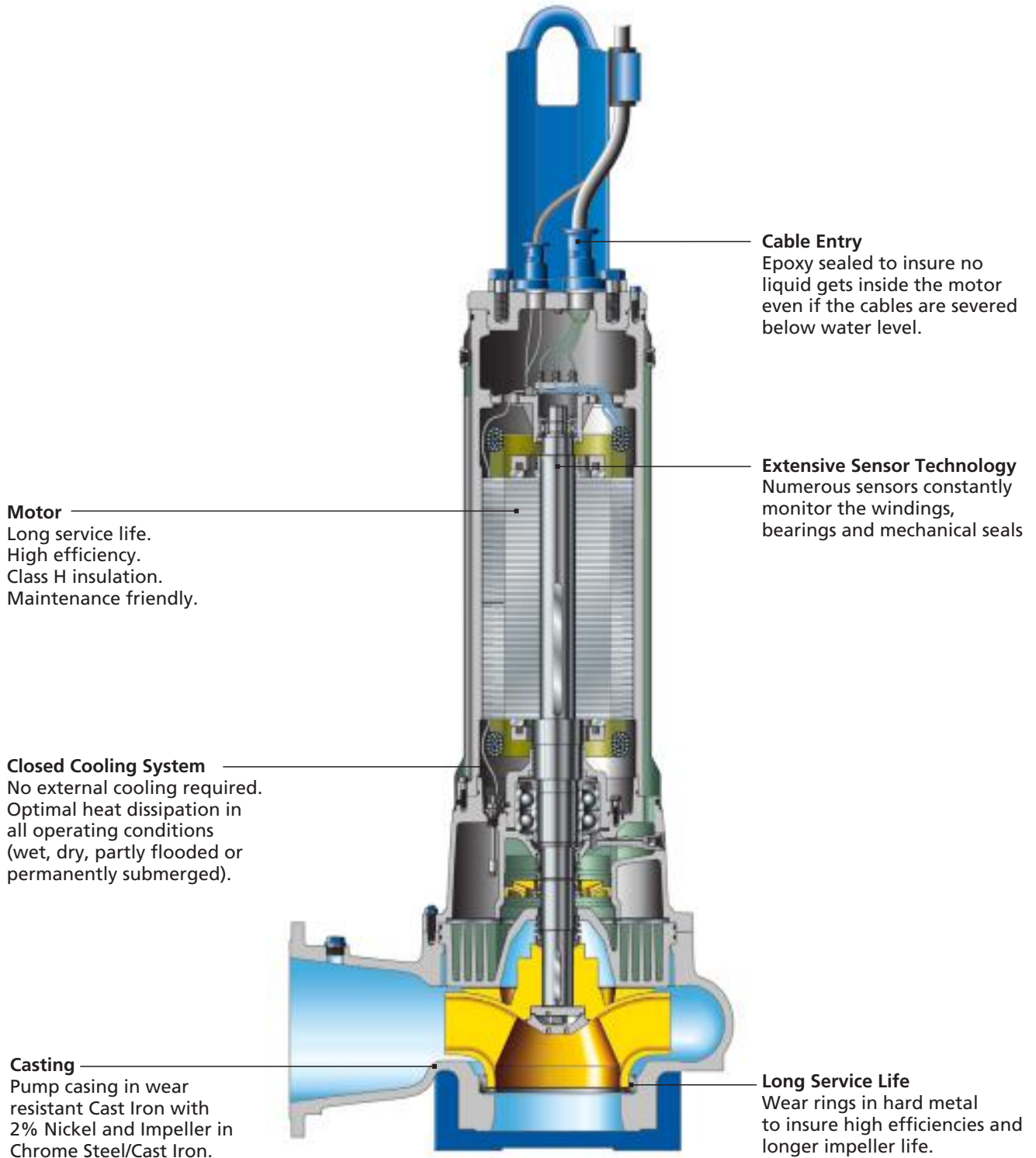
reducing life cycle costs. Grease lubricated bearings lubricated for L10 bearing life > 100,000 hrs. optimum.

Closed oil chamber

for lubrication of the mechanical seal. No additional flushing or external liquid tank required. Thus reduction in investments and service cost. Oil change after 4000 operating hrs.

A submersible motor pump which “keeps cool”

The heart of the newly-developed KRT waste water pump. A uniquely designed closed jacket cooling system of the motor with clear liquid keeps the motor cool.



KSB Pumps and Valves - We are where you are

CONTACT US!

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Pune - 411 018.

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Chinchwad :

Power Projects Division
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Pune - 411 019.

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Fax : 0771-258 3921

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