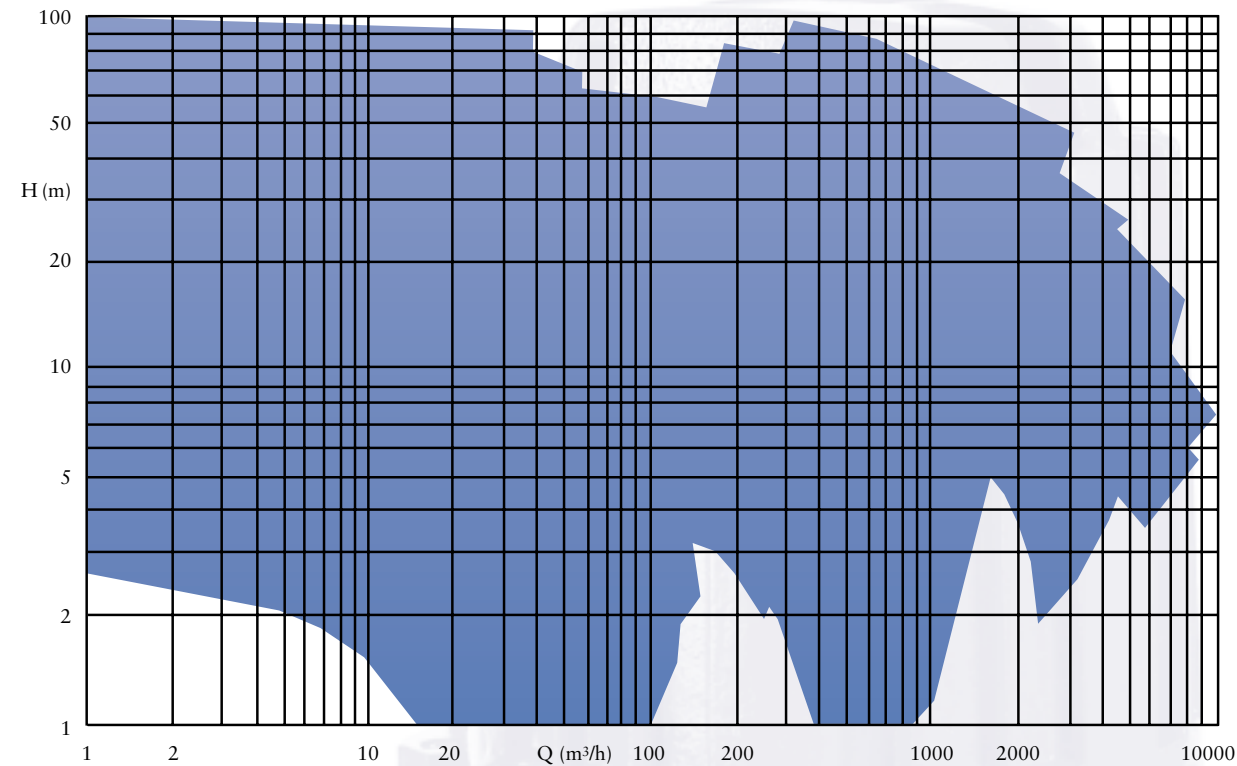


Technical data

Impeller types	Cutter (S)	Free-flow (F)	Single vane (E)	Non-clogging (K)	Single vane (D) ¹⁾
Size (mm)	40	50 to 150	50 to 200	40 to 700	150 to 300
Rate of flow (l/s)	8	140	280	2800	381
Head (m)	68	58	48	100	28
Temperature of pumped media (°C)	60	60	60	60	60
Free passage (mm)	7	up to 135	up to 143	up to 170	up to 150
Speed (1/min)	2900	2900 1450 960	2900 1450 960	2900 1450 960 725 580	1450 960 725 580
Frequency (Hz)	50/60	50/60	50/60	50/60	50
Voltage (V)	230/400/500/690				
Power rating (kW)	1.6 to 17	0.8 to 90	0.8 to 90	0.8 to 450	4.8 to 62
Flameproofness	Ex d IIB T3 or T4				

¹⁾ open diagonal single vane impeller



KSB-Know how: The use of different impeller types is the means to optimise performance data with regard to the pumped medium

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.

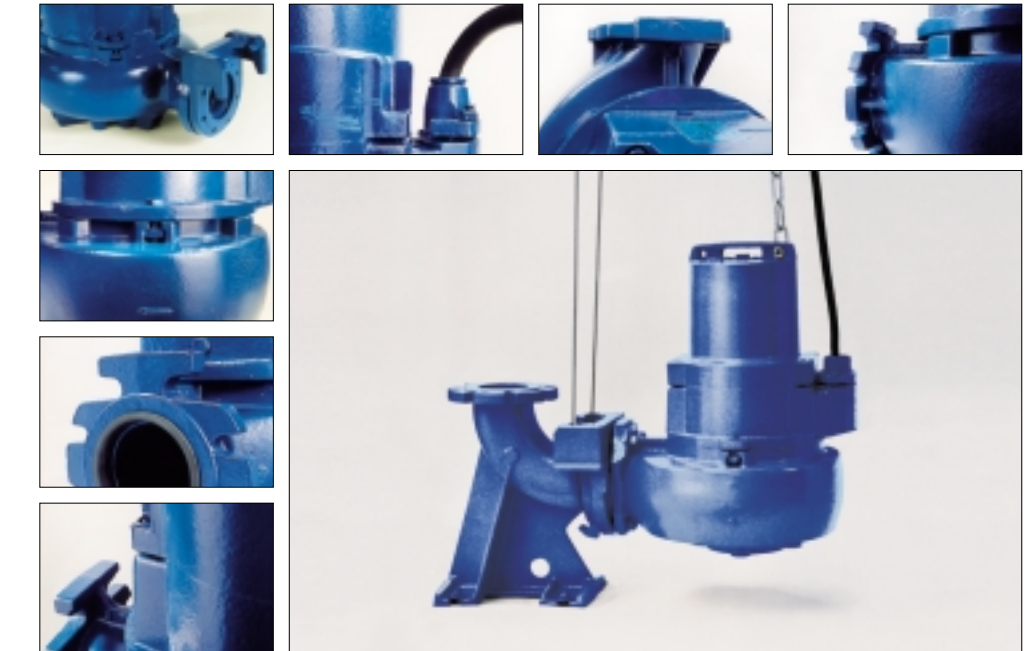


Competence and experience

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



CONSISTENTLY VERSATILE.
IMPRESSIVE PERFORMANCE.



3D Marketing + Design, Halle

Subject to technical modifications

6/01

2554.02/4-10



KSB Aktiengesellschaft
Turmstraße 92 • D-06110 Halle
Tel. +49/345/4826-0 • Fax +49/345/48264699 • <http://www.ksbgroup.com> • <http://www.ksb-industry.com>



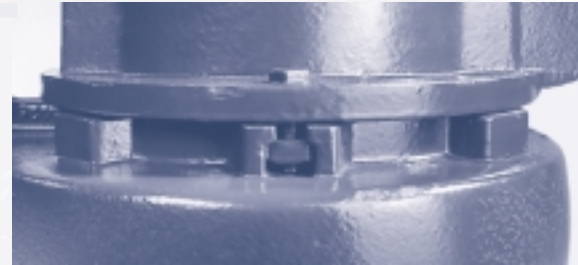
The multifunctional pump with the highest performance.

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 industrial 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

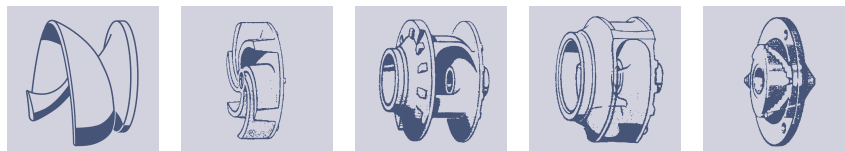
use of specific materials that will provide resistance. Carefully selected material combinations of cast iron, hard iron and Duplex steel for pump castings and components ensure optimum protection for uninterrupted operation.



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.

- The F impeller (free flow)**
- The E impeller (single vane)**
- The K impeller (multi vane)**
- The S impeller (cutter unit)**
- The D impeller (open diagonal single vane impeller)**



Highest Construction

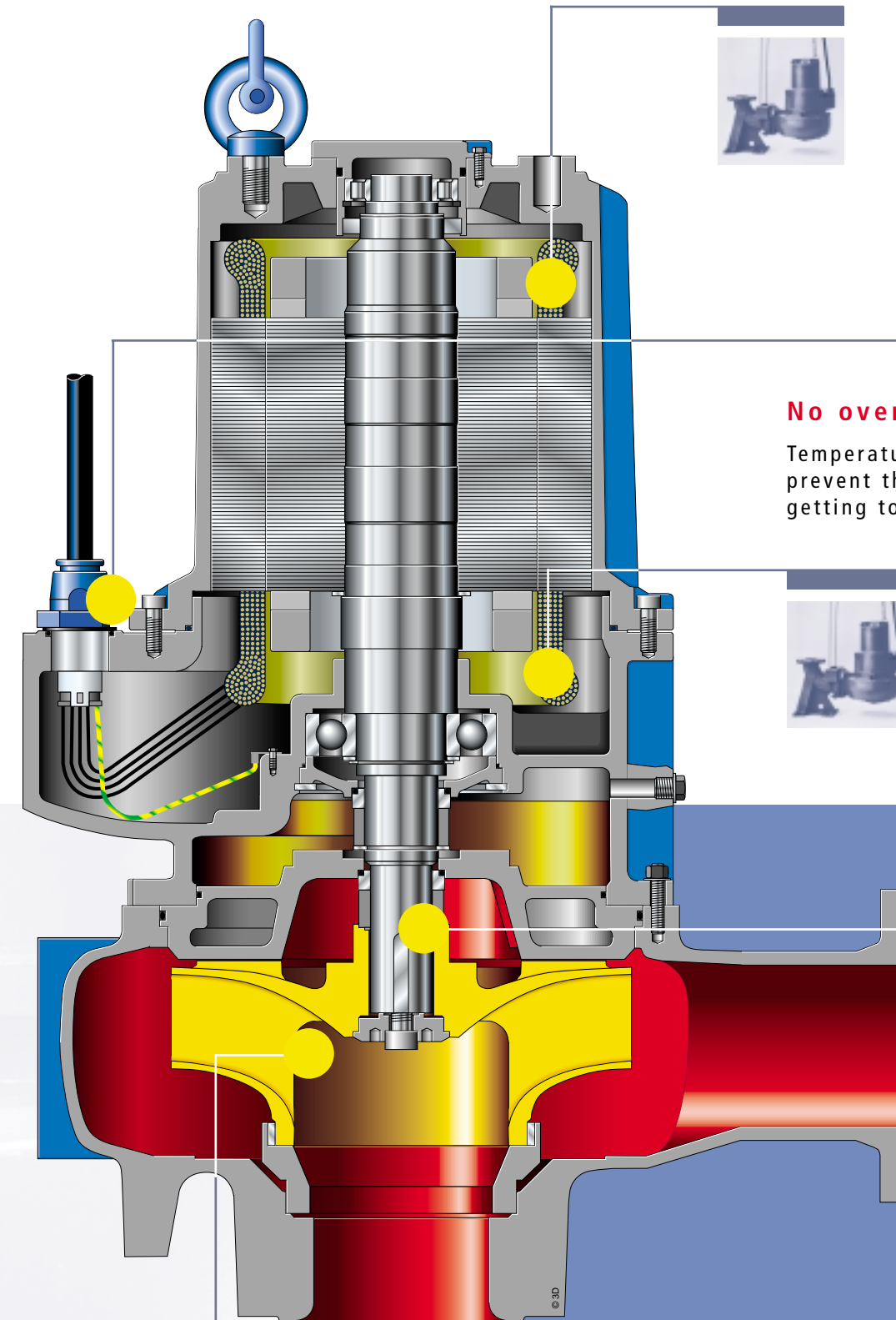
Dry, submersible (IP68), squirrel cage flameproof motor, continuously rated.

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.



Various hydraulics

for optimum operation no matter what the liquid.

Extended Life

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

The Amarex KRT can be installed as a fixed or portable arrangement. Parallel guide wires, developed by KSB provide flexibility on fixed installations. Guide rails can be provided as an option.

