

AmaCan D – Submersible Motor Pump with Open Multi-vane Impeller



Applications:

- Irrigation and drainage pumping stations
- Rainwater transport in stormwater pumping stations
- Raw and clean water transport in waterworks and waste water treatment plants
- Cooling water transport in power stations and industrial plants
- Industrial water supply
- Mechanically treated waste water
- Water pollution and flood control, aquaculture

More information: www.ksb.com/products

Intelligent monitoring



AmaControl protection module for water and waste water products



Motor-independent frequency inverter PumpDrive R

AmaCan D – Submersible Motor Pump with Open Multi-vane Impeller

1 Easy to install

The pump's own weight ensures self-centring seating in the discharge tube, and an O-ring seals it. No additional anchoring or anti-rotation elements; quick to install or remove

2 Trouble-free operation

Extra reliability ensured via two bi-directional mechanical seals with oil reservoir filled with environmentally friendly oil. High-quality, wear-resistant seal face materials

3 Energy-efficient

Electric motor with efficiency levels comparable to those of standardised motors to IEC 60034-30 standard, available as asynchronous motor with IE3 Premium Efficiency

4 Intelligent

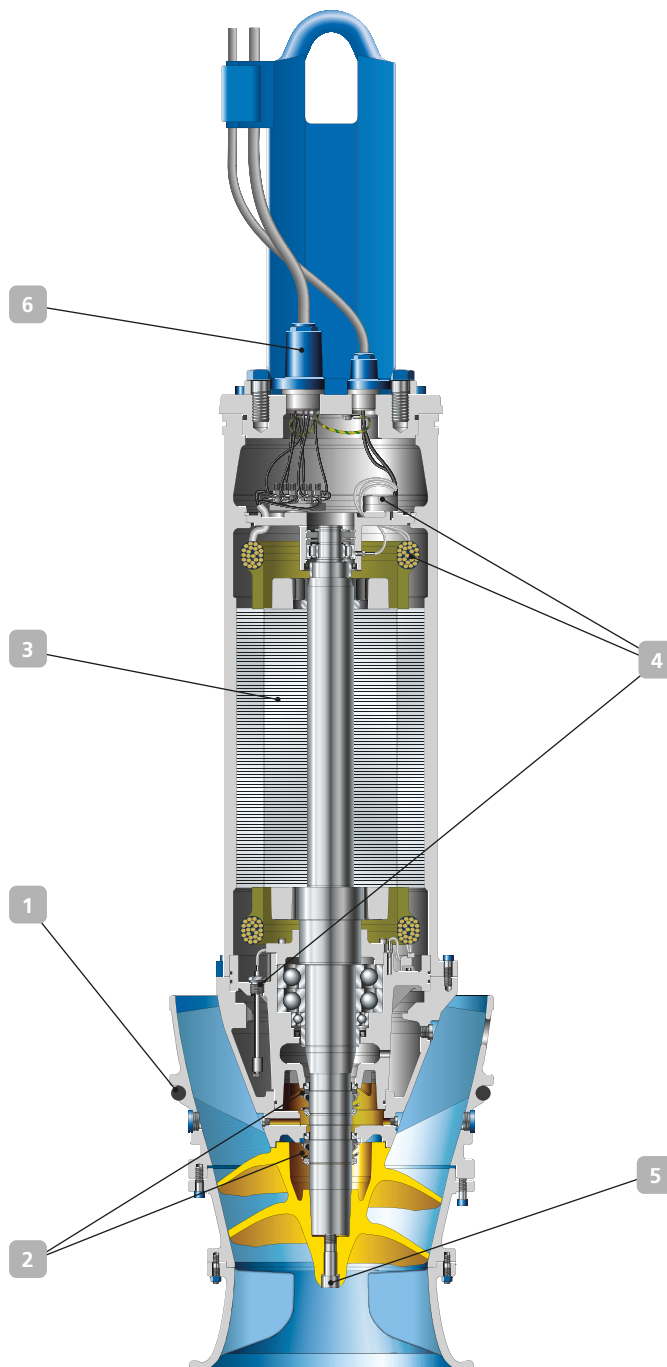
Thanks to innovative integrated sensor monitoring and analysis of vibration, leakage, bearing and motor temperature

5 Also suitable for waste water

Thanks to an optimised hydraulic system featuring large free passages and high efficiency levels

6 Reliable

Proven seal design with an absolutely water-tight cable gland which protects the motor against moisture ingress



Materials

Pump bowl	Grey cast iron
Motor housing	Grey cast iron
Shaft	Stainless steel
Impeller	Duplex stainless steel
Casing wear ring	Cast iron, stainless steel
Screws, bolts and nuts	A 4

Technical data

Flow rate	Up to 2000 l/s
Head	Up to 30 m
Power	Up to 215 kW
Fluid temperature	Up to +40 °C
Automation available	



KSB SE & Co. KGaA
Johann-Klein-Straße 9
67227 Frankenthal (Germany)
www.ksb.com