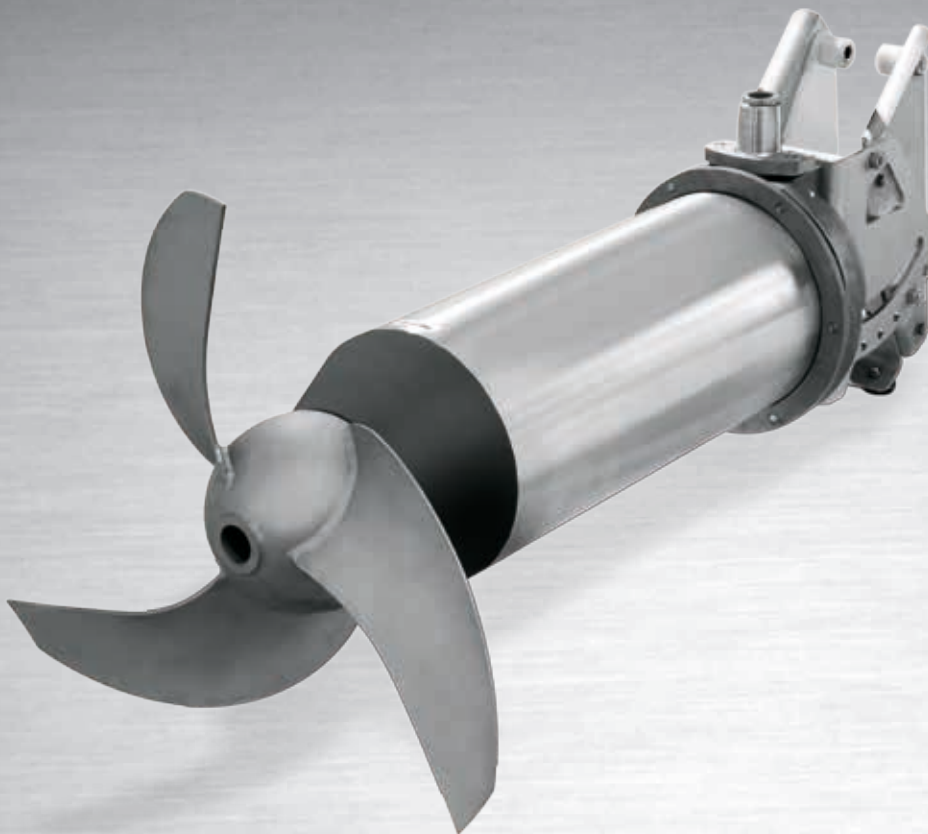


Amamix – Submersible mixer



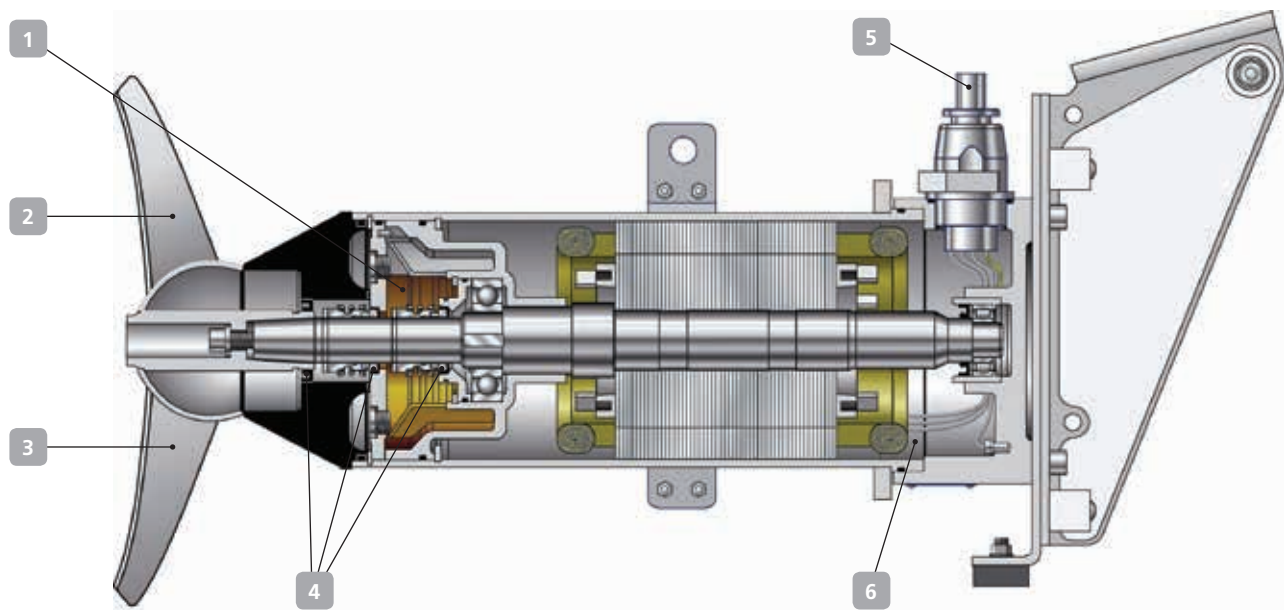
Applications:

- Mixing tanks
- Sludge storage tanks
- Balancing tanks
- Sewage tanks
- Stormwater stand-by tanks
- Digesters
- Thickeners
- Ice prevention
- Nitrification tanks
- Denitrification tanks
- Phosphate removal tanks
- Flocculation tanks
- For flow acceleration
- Pump sumps
- Biogas – main digesters
- Biogas – post-digesters
- Biogas – fermentation residue storage
- Biogas – mixing tanks

More information:

www.ksb.com/products

Amamix – Submersible mixer



1 Environmentally friendly

The oil chamber is filled with ecologically acceptable white oil.

2 Powerful yet economical

Propeller generates maximum thrust at minimum power consumption.

3 Self-cleaning

ECB propeller (Ever Clean Blade)

4 Highly reliable

3-fold dynamic sealing system consisting of two (SiC/SiC) mechanical seals and a lip seal.

5 Perfectly protected

An absolutely water-tight, resin-embedded cable entry protects the motor against moisture. The plug-type connection enables straightforward replacement without special tools.

6 Everything under control

The motor is monitored by three temperature sensors and the moisture sensor.

7 16,000 operating hours without oil change*

*Oil change required every two years.

Technical data

| | |
|---|-------------------------------|
| Max. fluid temperature | max. 40 °C optional: 60 °C |
| Speed | 475 to 1,400 1/min |
| Power | 1.25 to 10 kW |
| Nom. propeller diameter | 225 to 630 mm |
| Max. installation depth | max. 30 m |
| Explosion-proof to ATEX | |
| Optionally available with jet ring and frequency inverter | |



Amamix with jet ring



KSB Aktiengesellschaft
Johann-Klein-Straße 9
67227 Frankenthal (Germany)
www.ksb.com