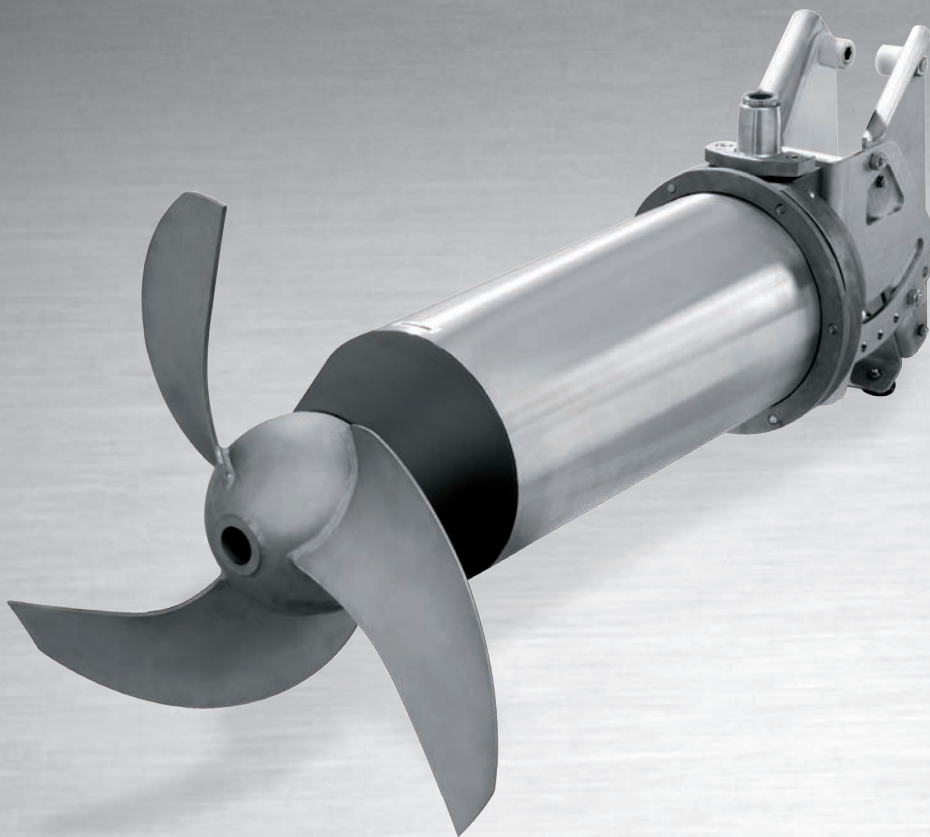


## Amamix – Submersible mixer



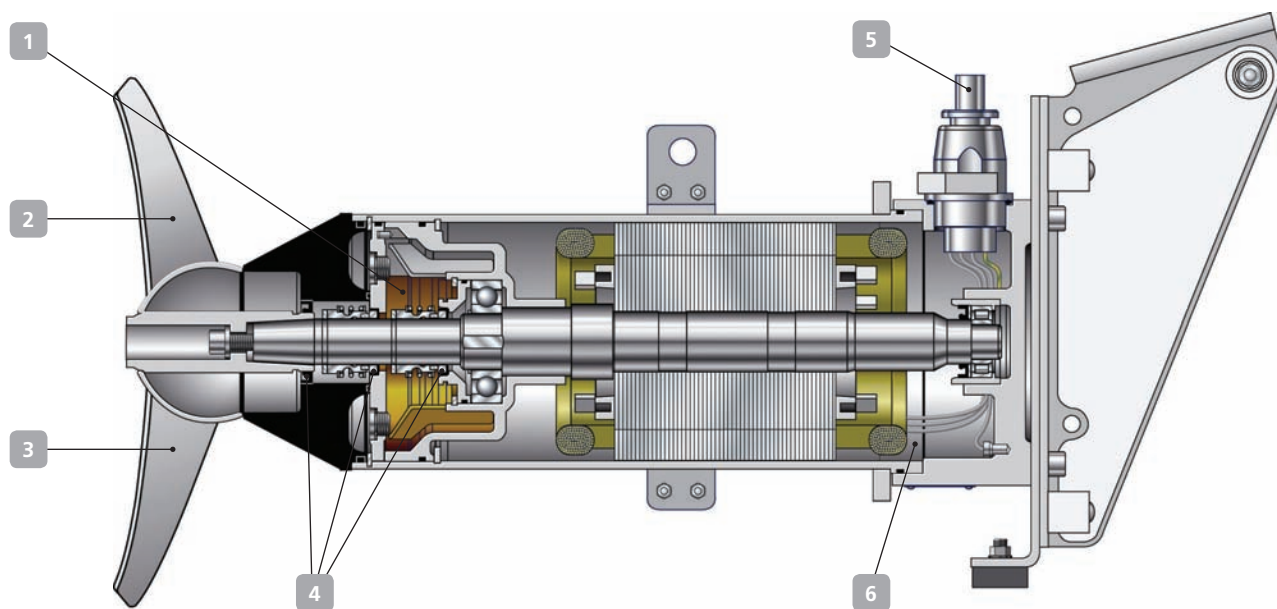
### Applications:

- Mixing tanks
- Sludge storage tanks
- Balancing tanks
- Sewage tanks
- Storm water stand-by tanks
- Digester
- Thickeners
- Ice prevention
- Nitrification tanks
- De-nitrification tanks
- Phosphate removal tanks
- Flocculation tanks
- For flow acceleration
- Pump sumps
- Biogas – main digester
- Biogas – post-digester
- Biogas – fermentation residue storage
- Biogas – mixing tanks

### More information:

[https://www.ksb.com/ksb-us/Products\\_and\\_Markets](https://www.ksb.com/ksb-us/Products_and_Markets)

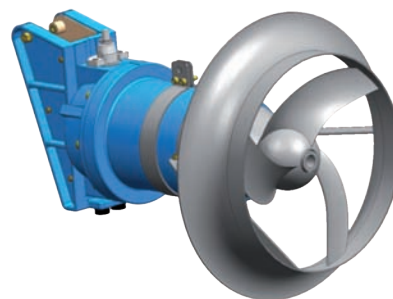
# Amamix – Submersible mixer



- 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**  
Epoxy sealed cable entry to prevent water ingress into the motor. 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 necessary every two years.

## Technical data

Max. fluid temperature	max. 104 °F optional: 140 °F
Speed	475 to 1,400 1/min
Power	1.7 to 15 hp
Nom. propeller diameter	9 to 25 in.
Max. installation depth	max. 98 ft.
Explosion-proof to NEC 500, Class 1, Division 1, Groups C and D, T3 Hazardous (classified) locations. Optionally available with jet ring and frequency inverter	



Amamix with jet ring



**KSB, Inc.**  
4415 Sarellen Road  
Henrico, VA 23231  
www.ksbusa.com