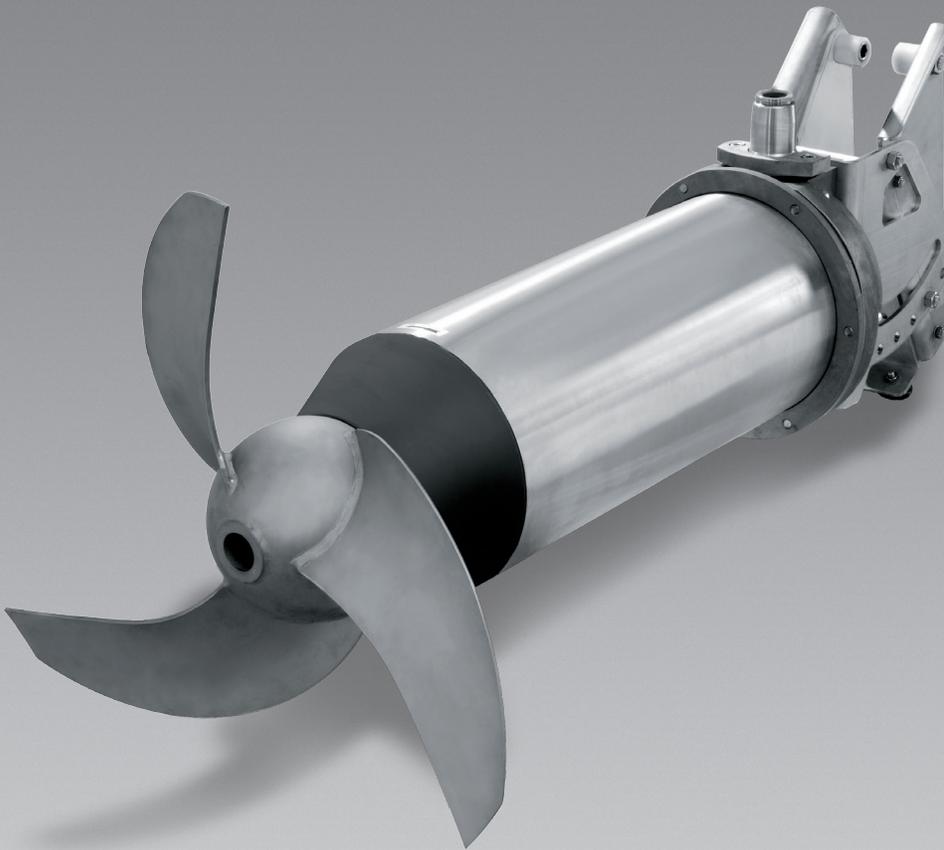


## Amamix – Submersible Mixers



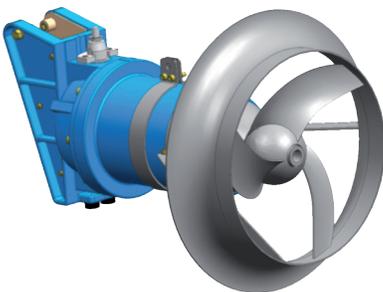
Amamix Direct Drive

### 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

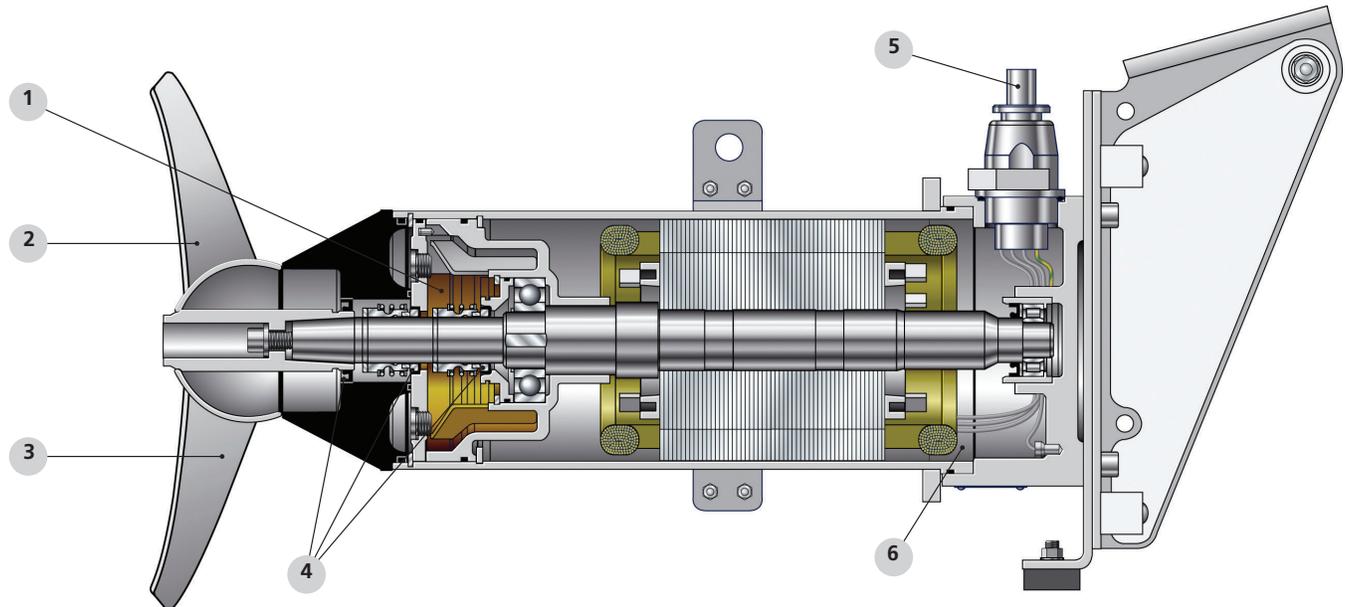
### More information:

[www.ksb.com/ksb-us/products\\_and\\_Services](http://www.ksb.com/ksb-us/products_and_Services)



Amamix with optional jet ring

# Amamix – Submersible Mixers



- 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**
- 4 Highly reliable**  
3-fold dynamic sealing system consisting of two (SiC/SiC) mechanical seals and a lip seal.
- 5 Completely 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 Complete 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. Speed:	1750 rpm
Power:	1.7 to 15 hp
Nom. propeller diameter:	8" - 24"
Max. installation depth:	130 ft
Max. temperature:	104 °F

## Materials

Standard design in cast iron  
Optional design in corrosion and wear resistant stainless steel



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