

AmaProp – Submersible Mixer



Applications:

- Nitrification tanks and denitrification tanks
- Activated sludge tanks
- Sludge storage tanks

More information:

www.ksb.com/products

Intelligent monitoring



AmaControl protection module for water and waste water products



PumpDrive R motor-independent frequency inverter

AmaProp – Submersible Mixer

1 Absolutely break-proof

Self-cleaning ECB propeller: blades made of glass fibre reinforced epoxy resin with protective gel coating in 2- or 3-blade design

2 Maximum safety

- Two bi-directional mechanical seals in tandem arrangement
- Additional leakage chamber between the mating ring carrier and the gear unit

3 Energy-efficient

Electric motor with efficiency levels comparable to those of standardised motors to IEC 60034-30 standard, available as synchronous motor with IE5 Ultra Premium Efficiency or asynchronous motor with IE3 Premium Efficiency

4 Perfectly protected

An absolutely water-tight cable gland protects the motor against moisture.

5 Overheating impossible

Temperature sensors monitor any heat build-up in the motor.

6 Securely installed

The AmaRoc® accessory made of the innovative NoriRoc® material ensures a very long service life.

7 Everything under control

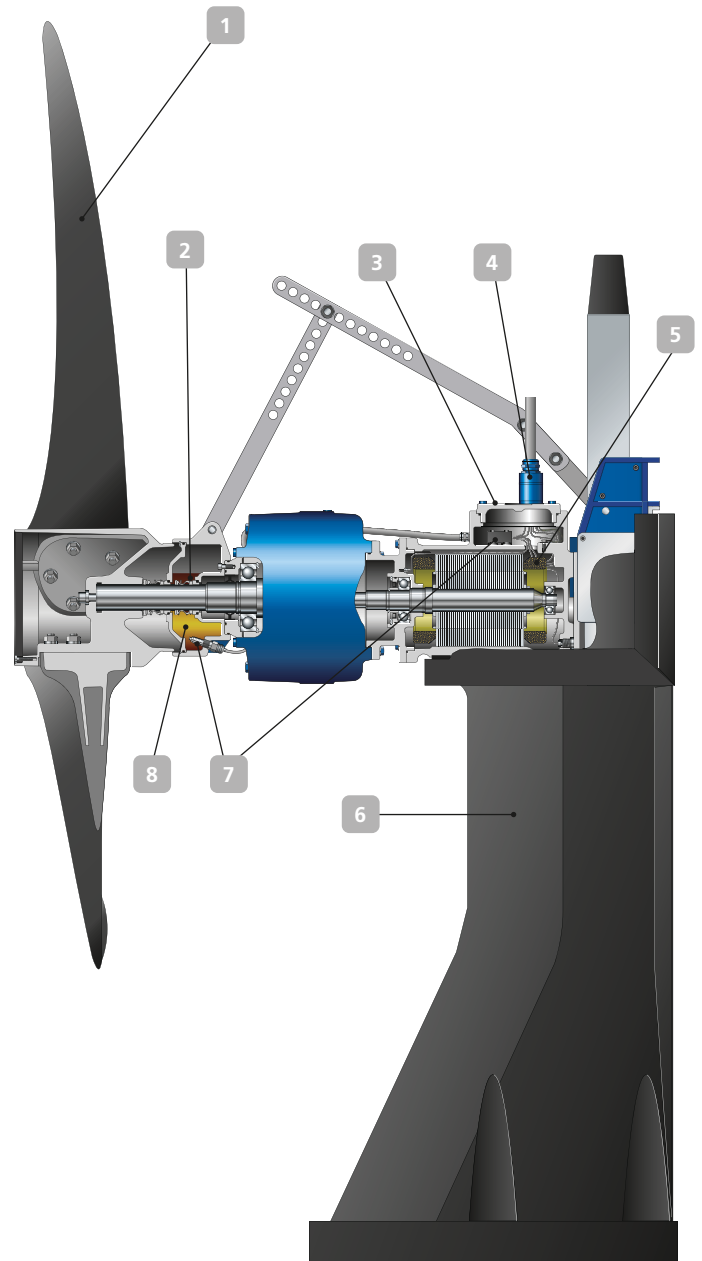
thanks to sensor monitoring and evaluation

8 Environmentally friendly

Environmentally friendly, non-toxic oil fill for lubricating the mechanical seal (liquid reservoir)

16,000 operating hours without oil change*

*At least every three years (lubricant change)



Technical data

Speed	23 to 212 rpm
Power	0.85 to 20 kW
Propeller diameter	800 to 2600 mm
Thrust	500 to 6000 N

Explosion-proof versions available



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