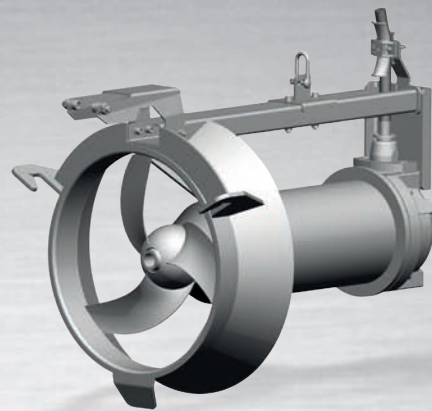


## Amaline – Submersible Pump



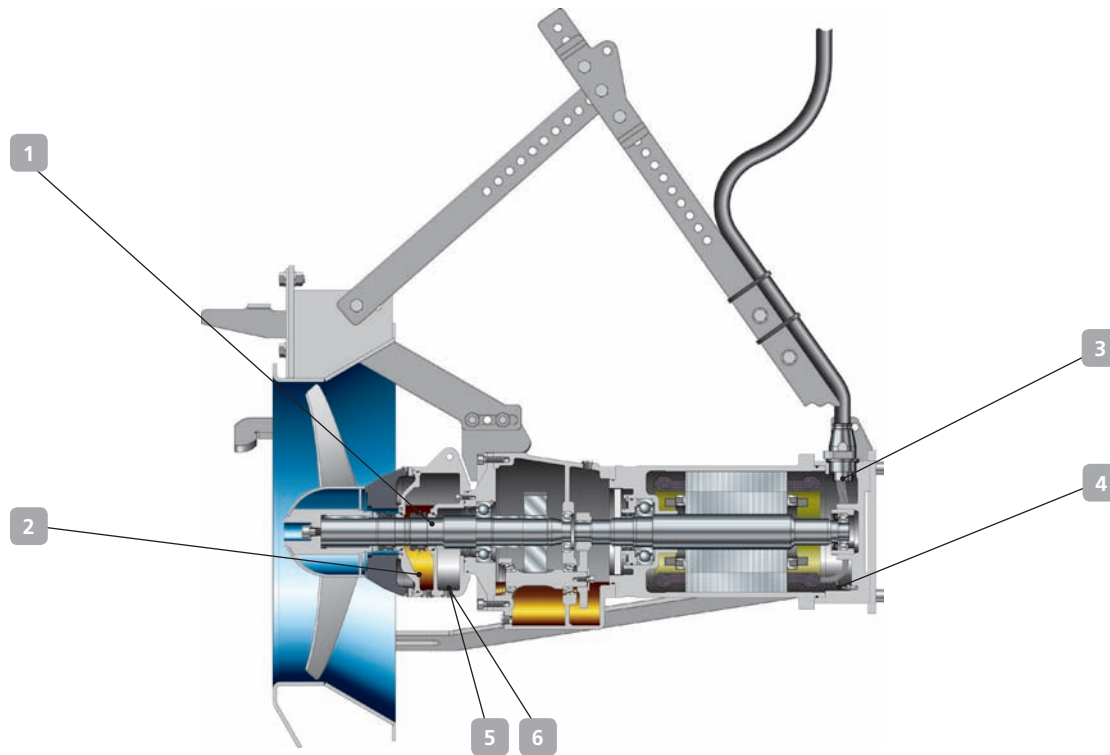
### Applications:

- Recirculating activated sludge from the nitrification to the denitrification stage of activated sludge tanks
- Economic handling of storm water, river water, surface water and potable water at low heads
- Generating flow in water bodies

### More information:

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

# Amaline – Submersible Pump



## 1 Maximum reliability

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

## 2 Environmentally friendly

The oil chamber is filled with ecologically acceptable white oil.

## 3 Perfectly protected

Epoxy sealed cable entry to prevent water ingress into the motor.

## 4 Overheating Prevention

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

## 5 Everything under control\*

A leakage chamber between the oil chamber and the gear unit provides additional safety.

## 6 Optional Leakage Detection\*

Leakage sensor in leakage chamber available for non-explosion proof versions.

## 16,000 operating hours without oil change

Oil change necessary every two years.

## Easy to install

\*Amaline 500/600/800 only

### Technical data

	Amaline 8/12/16 (direct drive)	Amaline 20/24/32 (spur gear drive)
Speed [rpm]	725 – 1,450	206 – 719
Power [kW]	1.25 – 7.5	4.5 – 27.0
Nominal diameter [In]	8/12/16	20/24/32
Flow rate [gpm]	1,870 – 7,930	12,000 – 29,000
Head [ft]	3.9 – 11.2	7.1 – 11.5
Fluid temperature [°F]	max. 104	max. 104



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