



## ABS SUBMERSIBLE MIXER RW

- ❑ Can be used in every shape of tank
- ❑ Energy saving self-cleaning propeller
- ❑ Hydrodynamic shape for optimum flow formation
- ❑ Drive unit optimized for mixing applications
- ❑ Little maintenance and long operating life

### Applications

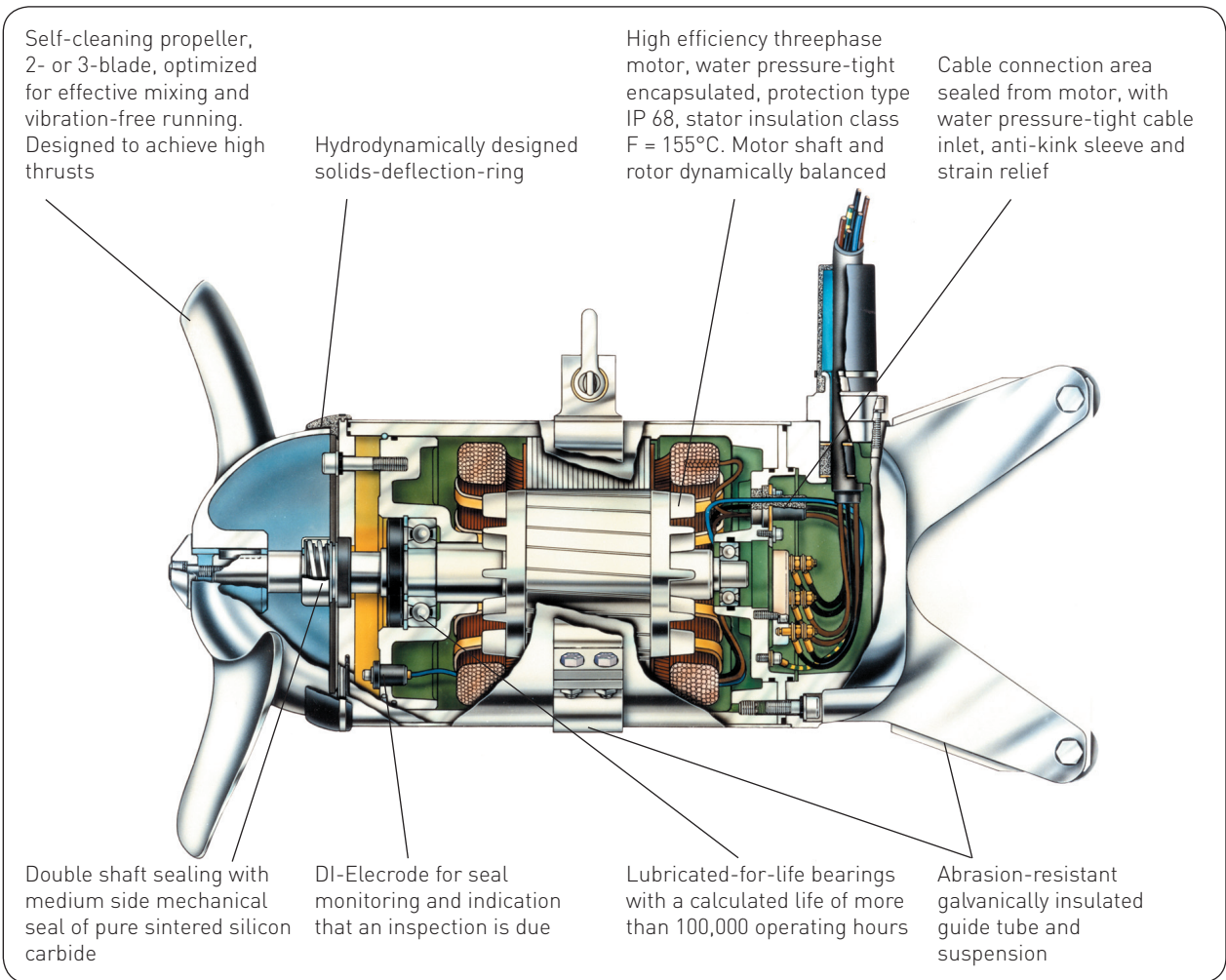
The compact submersible mixers of the RW series have been designed for a wide range of applications. The units can, for example, be used for many mixing and stirring applications in sewage treatment plants and in industrial and chemical processes.

The submersible mixers can be installed in all tank shapes and sizes. Depending on the requested intensity of mixing and flow formation, one or more mixers may be installed in a single tank.

### Installation

ABS submersible mixers are generally installed using a universal guiding system which allows use of the unit at different water depths in a tank.

Dead zones within a tank are therefore avoided. Using the ABS guide tube system it is a simple matter to raise or lower the mixer for maintenance purposes or for repair even when the tank is flooded.



**Construction**

The submersible mixer RW is designed as a compact, water pressure-tight unit including propeller and integrally cast installation bracket for the attachment on the square guide tube.

Different versions with a bracket for vertical angle adjustment, a flushing system (option) for the mechanical seal and /or a flow ring can be chosen. The mixers are available in two standard material versions.

**EC Cast iron version (EConomical)**

Motor housing and sliding bracket made of GG-25/ GGG-40, propeller shaft, propeller and fasteners made of stainless steel.

**CR Stainless steel version (Corrosion Resistant)**

Motor housing and propeller made of 1.4571 stainless steel, sliding bracket 1.4408, propeller shaft 1.4404, fasteners 1.4401.

Technical Specifications	
Propeller diameter:	400 - 900 mm
Motor power:	3.0 - 25 kW
Mixing flow max.:	up to 6300 m³/h

**Installation example**

