

TECHNICAL DATASHEET

# Roxia Floating Aerator 3 kW

Roxia Floating Aerators are CE marked products from Finland.

## Technical data

|                               |  |
|-------------------------------|--|
| Oxygen transfer efficiency    | Up to 2,0 kgO <sub>2</sub> /kWh*   |
| Spray pattern diameter        | Appr. 4,5 m  |
| Motor                         | 3-phase customized motor manufactured by Lönne or equal  |
| Nominal power                 | 3 kW   |
| Efficiency class              | IE2- / IE3   |
| Insulation class              | H  |
| V/F                           | 400V +- 5%, 50Hz   |
| Electrical cable              | 4G2,5 European standard cable. Note: Length and local electrical control system may affect. When using AC-drive EMC-cable or shielded cable is required                                |
| Main dimensions               | 1200 mm x 1200 mm x 800 mm   |
| Weight of aerator with floats | Appr. 110 kg   |
| Materials                     | <ul style="list-style-type: none"> <li>× AISI 316 (shaft and other metal parts)</li> <li>× Impeller plastic</li> <li>× Float PE-plastic</li> <li>× Intake pipe** PE-Plastic</li> </ul> |

## Optional features

- Frequency converter (AC-drive)
  - × Protection class IP55
  - × Automatic impeller cleaning cycle feature

Roxia Digital Services & Roxia Malibu™

Metal parts AISI 304

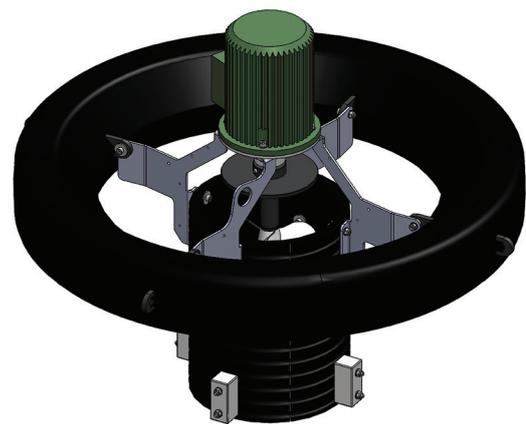
Intake pipe screen

Lifting hook

Return channel (to deep lakes)

Cooling fan

Lights



\* Oxygen measurement accuracy ± 15%

\*\* Customer must define the length of the intake pipe (the pipe should be 1,0 – 2,5 m above the bottom of the basin, depends on basins material).

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