Fixed pod motors

Benefits
- Unique efficiency
- Max. smooth running
- Flow-optimized motor housing with a minimal drag and optimal flow conditions at the motor housing and propeller
- Also available with a folding and feathering propeller for optimize the drag additionally
- Permanently useable for salt and sweet water
- Custom-made compensation wedge to the boat hull for having ideal flow-conditions at the propeller and maximum thrust as standard
- Integrated Anode
- Maintenance-Free

Model overview

<table>
<thead>
<tr>
<th>Model</th>
<th>F10e</th>
<th>F20e</th>
<th>F30e</th>
<th>F41e</th>
<th>F80e</th>
<th>F100e</th>
<th>F110e</th>
<th>F150e</th>
<th>F200e</th>
<th>F250e</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output power</td>
<td>1.000 W</td>
<td>2.000 W</td>
<td>3.000 W</td>
<td>4.100 W</td>
<td>8.000 W</td>
<td>10.000 W</td>
<td>11.000 W</td>
<td>15.000 W</td>
<td>20.000 W</td>
<td>25.000 W</td>
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<tr>
<td>Efficiency</td>
<td>92 %</td>
<td>92 %</td>
<td>92 %</td>
<td>92 %</td>
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<td>92 %</td>
<td>92 %</td>
<td>92 %</td>
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<tr>
<td>Voltage</td>
<td>24 V</td>
<td>24 V</td>
<td>36 V</td>
<td>48 V</td>
<td>48 V</td>
<td>72 V</td>
<td>48 V</td>
<td>48 V</td>
<td>96 V</td>
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<tr>
<td>Current</td>
<td>45 A</td>
<td>87 A</td>
<td>89 A</td>
<td>93 A</td>
<td>176 A</td>
<td>151 A</td>
<td>240 A</td>
<td>309 A</td>
<td>225 A</td>
<td>281 A</td>
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<tr>
<td>Weight</td>
<td>12 kg</td>
<td>19 kg</td>
<td>20 kg</td>
<td>21 kg</td>
<td>33 kg</td>
<td>35 kg</td>
<td>46 kg</td>
<td>67 kg</td>
<td>49 kg</td>
<td>52 kg</td>
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<tr>
<td>Motor type</td>
<td>sensorless AC-motor</td>
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<tr>
<td>Compensation wedge</td>
<td>yes - custom-made as standard</td>
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<td>Warranty</td>
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</table>

MOUNTING
The fixing of the motor is done by 2 or 4 stay bolts. The length will be produced custom made.

CUSTOM-MADE AND VIBRATIONS-DUMPING COMPENSATION WEDGE
In order that having a optimal thrust the motor should be mounted parallel to the water-line.

Therefore the compensations wedge is also custom-made by Aquamot. Due the special material of the Aquamot compensation wedge the vibrations will be damped.

This gives you an unrivaled smooth running.

HIGHLY-EFFICIENT MOTOR
The main part of the electric propulsion is inside of housing. The motor with a low rpm turns the propeller through a solid shaft of stainless steel directly without a gearbox.

The bearings and seals are also designed for a long service life consequently.

SOLID, FLOW-OPTIMIZED HOUSING
The housing is cast of a seawater resistant aluminum alloy. The result is a remarkable robustness.

In addition the motor is painted with a 6-layers coating which protects against fouling and corrosions.

Through a special viscous flow-calculation the motor has a minimum of drag and moreover the propeller is also streamed very well.

INTEGRATED ANODE
The anode prevents corrosion at the housing and propeller.

MULTI-DIMENSIONAL OPTIMIZED PROPELLER AT A SOLID MOTOR SHAFT
This solid brazen propeller is used in professional shipping and gives you max. thrust.

Optional
- Full-Color bordcomputer
- Feathering propeller

Serial components
- Battery cables
- Battery monitor
- Leaver
- Key switch
- Motor controller

www.aquamot.com