

# 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

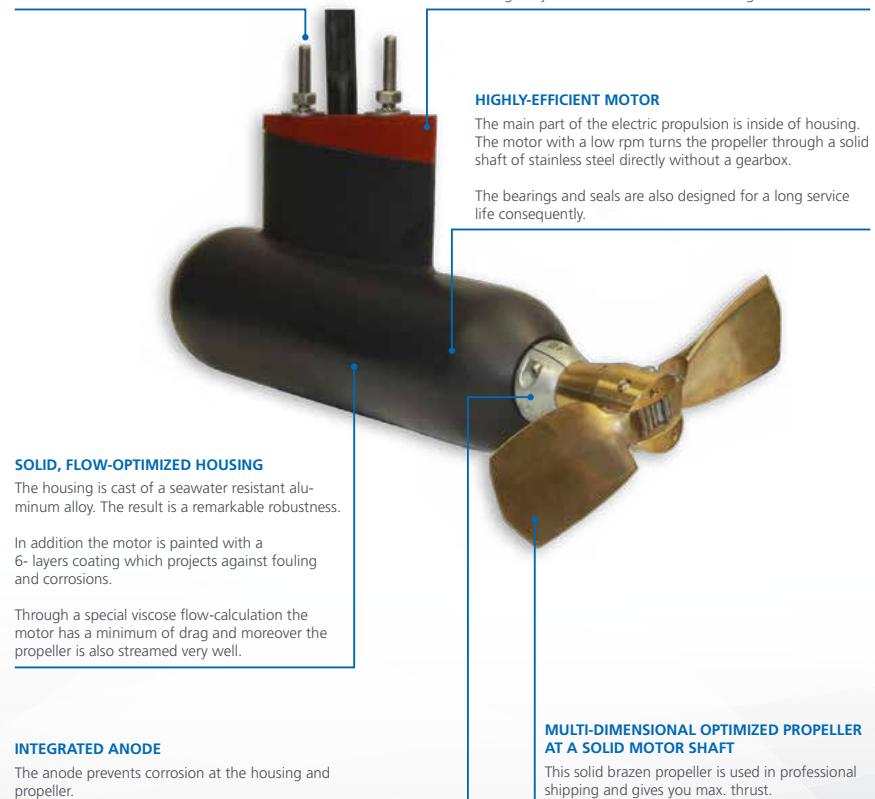
Model	F10e	F20e	F30e	F41e	F80e	F100e	F110e	F150e	F200e	F250e
Output power	1.000 W	2.000 W	3.000 W	4.100 W	8.000 W	10.000 W	11.000 W	15.000 W	20.000 W	25.000 W
Input power	1.090 W	2.180 W	3.260 W	4.450 W	8.690 W	10.870 W	11.950 W	16.300 W	21.690 W	27.080 W
Efficiency	92 %	92 %	92 %	92 %	92 %	92 %	92 %	92 %	92 %	92 %
Voltage	24 V	24 V	36 V	48 V	48 V	72 V	48 V	48 V	96 V	96 V
Current	45 A	87 A	89 A	93 A	178 A	151 A	249 A	339 A	225 A	281 A
Weight	12 kg	19 kg	20 kg	21 kg	33 kg	35 kg	46 kg	47 kg	49 kg	50 kg
Motor type	sensorless AC-motor									
Compensation wedge	yes- custom-made as standard									
Warranty	2 years									

## Serial components



## 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 projects against fouling and corosions.

Through a special viscose 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

