Steerable pod motors

Benefits

- Unique efficiency
- Max. smooth running
- Incomparable, vibration-dumping suspension system for a maximum of smooth running
- Permanently useable for salt and sweet water
- Optimized anti-cavitations plate

Model overview

Model	UF10e	UF20e	UF30e	UF41e	UF80e	UF100e	UF110e	UF150e	UF200e	UF250e
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	19 kg	25 kg	26 kg	27 kg	40 kg	42 kg	53 kg	54 kg	56 kg	57 kg
Motor type	sensorless AC-motor									
Suspension	A brazen rudder gland as stanard, optional vibration-dumping suspension system									
Warranty	2 years									

Serial components

Battery cables

Battery monitor

Leaver

Key switch

Motor controller

CONNECTION FOR MONO-CABLE-STEERING SYSTEM

The connection is made for a rope steering as standard.

Additional the installation kit for the mono-cable-steering system which is also useable for a hydraulic steering can be added.

As a consequence the motor is useable for every steering system.

HIGH-ADJUSTABLE SHAFT

The shaft of Aquamot outboard motors isn't profiled purposely. The reason is the streaming speed at the eddy is roughly zero.

It is more important in our opinion for having the right immersion depth.

This can be achieved easily with the high-adjustable shaft.

SOLID, FLOW-OPTIMIZED HOUSING

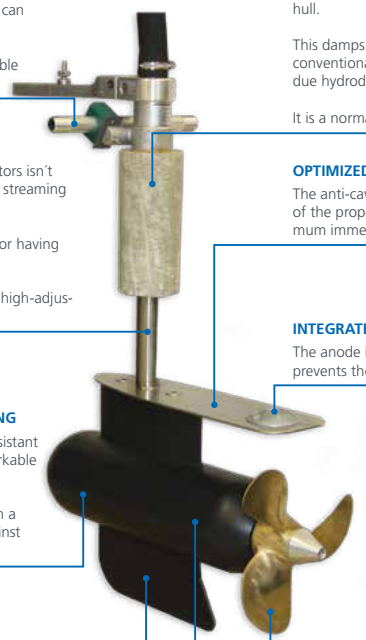
The housing is cast of a seawater resistant aluminum alloy. The result is a remarkable robustness.

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

FLOW-OPTIMIZED FIN

The boat can be also steered very well through this fin during the propeller doesn't operate. Therefore it isn't necessary to use additional rudder blades.

Furthermore the fin has a predetermined breaking point for break down when the motor touch on the ground.



INCOMPARABLE, VIBRATION-DUMPING SUSPENSION SYSTEM

For not having any vibrations in the boat hull we decided to develop a incomparable suspension for fiberglass boat which will be laminated in the boat hull.

This damps vibrations up to 5 times better than conventional supensions which can be came up due hydrodynamic processes.

It is a normal ruder gland available as well.

OPTIMIZED ANTI-CAVITATIONS PLATE

The anti-cavitations plate prevent the air-drawing of the propeller and therefore it is needed a minimum immersion depth.

INTEGRATED ANODE PREVENTS CORROSION

The anode is integrated in the motor system and prevents the corrosion at the housing.

MULTI-DIMENSIONAL OPTIMIZED PROPELLER AT A SOLID MOTOR SHAFT

This solid brazen propeller is used in professional shipping and gives you max. thrust.

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.

Optional

Full-Color bordcomputer