



## Flange Drive

## “Electric Marine Propulsion Units”

- Quiet Low vibrations
- Self contained system
- Economical
- No cyclic maintenance
- Variable speed control



TYPE	VOLTAGE	POWER CONSUPTION	CURRENT	EFFICIENCY	WEIGHT	MOTOR TYPE	INFO
F5	24VDC	500W	28 A	85%	9 Kg	DC	Sheet 2
F10	24VDC	1000W	35A	85%	10 Kg	DC	Sheet 2
F20	24VDC	2000W	87A	85%	17 Kg	DC	Sheet 2
F25	36VDC	2500W	72A	85%	19 Kg	DC	Sheet 2
F30	48VDC	3000W	68A	92%	20 Kg	ASYNCHRONOUS	Sheet 3
F43	48VDC	4300W	102A	92%	22 Kg	ASYNCHRONOUS	Sheet 3
F75	48VDC	7500W	165A	92%	33 Kg	ASYNCHRONOUS	Sheet 3
F100	48VDC	10000W	225A	94%	35 Kg	SYNCHRONOUS	Sheet 3

## Aquamot “Green Propulsion”

WTSV Technologies is the proud distributor of “AQUAMOT” Products in México and Speedy Marine Supply LLC representative.

The brand “Aquamot” offers the best propulsion solutions in the market.

Come with us, we have the a solution for you.



### CONTACT US

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## Flange Motor DC

### DRIVE

The case of the drive consists of sea water resistant aluminium alloy with a six times high special coated surface. Inside there works a low turning DC-PM electrical drive. The oversized drive system and bearings are designed for a long life cycle. The powerful propulsion is the result of a high efficient propeller. Option: folding propeller with anode.

### SPEED CONTROL

2-step switch (2 steps forward, 2 steps backward), or one-hand speed control, with infinite control over the entire speed range including a display.

### MOUNTING

Easy and quick mounting by fixing the drive suspension with two screws M12, drilling pattern is included. Adjustable to the boat by using a plate to compensate the tilt.

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TYPE	F5	F10	F20*	F25*
Voltage	24VDC	24VDC	24VDC	36VDC
Power Consumption	500W	1000W	2000W	2500W
Current	28A	35A	87A	72A
Efficiency	85%	85%	85%	85%
Weight	9 Kg	10Kg	17Kg	19Kg
Propeller	Adjusted 3-blade propeller			

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## Flange Motor AC

### “Electric Marine Propulsion Units”

- Quiet Low vibrations
- Self contained system
- Economical
- No cyclic maintenance
- Variable speed control

#### DRIVE

The case of the drive consists of a sea water resistant aluminium alloy with a six times high special coated surface. Inside there works a slip ringless electric drive, which has the highest power density. The oversized drive system and bearings are designed for a long life cycle. The powerful propulsion is a result of a high efficient propeller. Option: folding propeller.

#### SPEED CONTROL

The stepless one hand speed control consists of a central unit with fuses custom made power cables with battery ports and a keyswitch. The controller is controlled by a microprocessor. It shows an efficient diagnose, selfproofing, safety and protection function. There's no need for any safeguards or emergency stop switch.

#### MOUNTING

The mounting can be done very quick and easy. The mounting happens with spacer bolts made from stainless steel. The adjustment of the hull happens with a custom made tilt compensating plate, which also function as drilling template.



TYPE	F30	F43	F75	F100
Voltage	48VDC	48VDC	48VDC	48VDC
Power Consumption	3000W	4300W	7500W	10000W
Current	68A	96A	165A	225A
Efficiency	92%	92%	92%	94%
Weight	20 Kg	22 Kg	33 Kg	35 Kg
Propeller	Adjusted 3-blade propeller			

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