

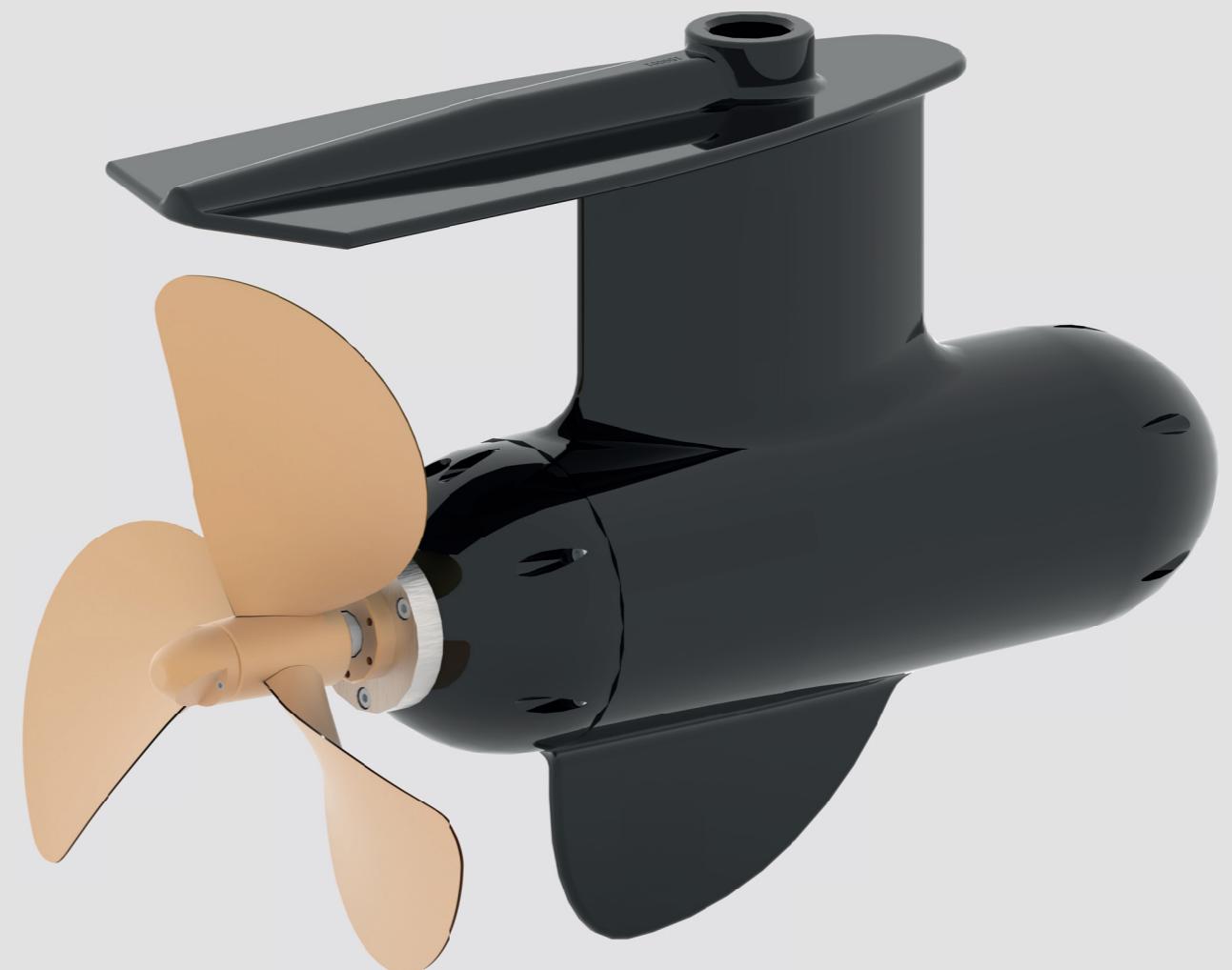
Got any questions?  
We're here to help!

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Masters  
in electric  
propulsion



Pod 75

Continuous power output 5,0 kW

Do you have any questions or need personal advice? Schedule a consultation with one of our experts to find the best propulsion solution for your customer and application.

The Pod 75 provides quiet, powerful performance with efficient direct drive technology. Made from seawater-resistant materials, it is durable, low-emission, and easy to install.

## Specs

### Technical data

Motortype	SMPM
Framesize	71 M
Nominal bus voltage	48 VDC
Model	POD
Maximum stator current	223,39 A
Rated speed	1500 min <sup>1</sup>
Rated voltage	48 VDC
Min. voltage	43,2 VDC
Motor constant	0,28 Nm/A
Rated phase current	109,56 A
Rated torque	31,8 Nm
Rated power S1 @ 48VDC 1500rpm	4995 Watt
Peak power S2-10	8226 Watt
Constant Electric	18,80 V/k-rpm
Induction LS	0,037 mH
Resistance of winding	16,55 mΩ
Winding class	F
Max. operating temperature	120 °C
Weight	24 kg
Efficiency @ rated speed-torque	90,05%
Number of poles	12

### Torque map

	RPM	Nm
Standstill peak	0	66,00
Limit point	1200	65,46
No load max	1710	1,58
Standstill nominal	0	56,29
Utilizable	1510	31,66
No load max	1710	1,58

### Controller

Type	48-450
Nominal voltage	48 VDC
Continuous current (60min.)	180 A
Peak current (2min.)	450 A
Boost current (10sec.)	540 A
Cooling	Heatsink
Max. amb. temp.	42 °C
Efficiency	95,5%

### Dimensions (enclosure)

Height	400 mm
Width	300 mm
Depth	220 mm
Weight	13,5 kg
IP	54

### Joystick

Cycle live (more than)	2 Million
Weight	0,85 kg
IP	55

### Included

Dc-dc converter	
Input voltage	48 VDC
Input current	5 A
Output voltage	12 VDC
Output current	20 A