

**Got any questions?  
We're here to help!**

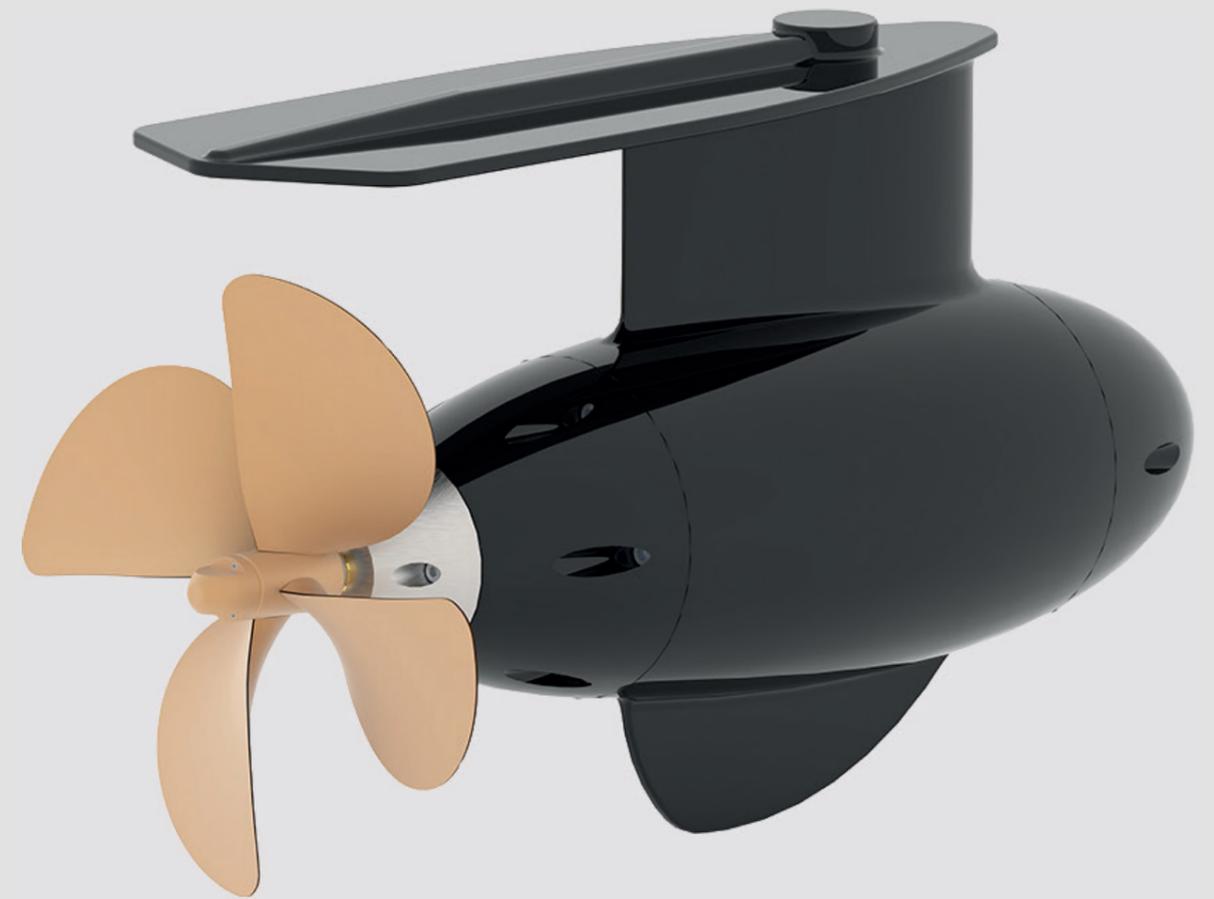
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Do you have any questions or need personal advice? Schedule a consultation with one of our experts to find the best propulsion solution for your customer and application.



Masters  
in electric  
propulsion



**Pod 400**

Continuous power output 38 kW

The Pod 400 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	
Motor type	SMPM
Frame size	90 EL
Nominal bus voltage	350 VDC
Model	POD
Maximum stator current	141,2 A
Rated speed	2300 min <sup>1</sup>
Rated voltage	350 VDC
Min. voltage	315 VDC
Motor constant	1,416 Nm/A
Rated phase current	119,32 A
Rated torque	158 Nm
Rated power S1 @ 350VDC 2300rpm	38055 Watt
Peak power S2-10	45731 Watt
Constant Electric	96,07 V/k-rpm
Induction LS	0,446 mH
Resistance of winding	4,4 mΩ
Winding class	F
Max. operating temperature	120 °C
Weight	60 kg
Efficiency @ rated speed-torque	89,11%
Number of poles	12

Torque map	RPM	Nm
Standstill peak	0	230,00
Limit point	1985	220,00
No load max	2787	7,90
Standstill nominal	0	148,00
Utilizable	2300	158,00
No load max	2787	7,90

Controller	Type	W90
Nominal voltage	48-400 VDC	
Continuous current (60min.)	410 A	
Peak current (2min.)	550 A	
Boost current (10sec.)	660 A	
Cooling	Water ICW	
Max. amb. temp.	42 °C	
Efficiency	98%	

Dimensions (enclosure)	Height	500 mm
Width	400 mm	
Depth	220 mm	
Weight	18,5 kg	
IP	54	

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

Included	Dc-dc converter
Input voltage	350 VDC
Input current	5 A
Output voltage	24 VDC
Output current	20 A
Circulation pump ICW	6 L min.