

Only quality matters.

POD – Maritime

POD – Subsea

Steerable POD

Outboard

Bow thruster - Maritime

Bow thruster - Subsea

English

RIM DRIVE TECHNOLOGY



Unique design

There are good reasons to select an electric motor for your application, but there are many reasons to select a **Rim Drive Technology** motor over combustion or another electric motor.

A Rim Drive motor has an **immediate acceleration** response. Uniquely combined with the **stepless** control system, it provides you with the highest feeling of maneuverability.

Almost every alternative competitive motor has a central axis, which is very sensitive to ropes, weeds and fishing nets. The fact of not having a center axis **limits** the chance of materials getting stuck in the propeller.

“Simplicity is the ultimate sophistication”

These motors can produce **high torque**, a valued feature among the owners of heavier boats. Due to its **compact** and **lightweight** design, it is possible to install it in the smallest compartments.

During the design phase, we have set goals to minimize **installation** and **service costs** for our users. By having just one rotating part, we have achieved minimized maintenance costs. On the other hand, we succeeded in replacing an anode or propeller within **less** than two minutes.

All our products are **saltwater resistant** to ensure ease of installation for every boat owner. In addition to this, all motors are certified with an **IP68** rating.

Datasheet

Motor characteristics

Product name	POD 0.5	POD 3.0-24V	POD 3.0	POD 5.0-24V	POD 5.0	POD 11.0	POD 15.0	POD 25.0	POD 30.0
Article code	300002653	300004015	300002700	300004016	300002658	300002663	300004123	300002668	300004019
Motor type	PR065-M-48V	PR086-M-24V	PR086-M-48V	PR133-M-24V	PR133-M-48V	PR212-M-48V	PR212-M-48V-Pro	PR341-M-96V	PR341-M-110V
Power*	0.5kW	3kW	3kW	5kW	5kW	11kW	15kW	25kW	30kW
Nominal current	11A	125A	63A	210A	104A	230A	300A	260A	273A
Nominal voltage	48V	24V	48V	24V	48V	48V	48V	96V	110V

*Power (kW) is depending on water conditions, usage and installation.

Motor dimensions

Weight	2.5 kg	3.5 kg	3.5 kg	5 kg	5 kg	14 kg	19 kg	70 kg	70 kg
Propeller diameter	65 mm	86 mm	86 mm	133 mm	133 mm	212 mm	212 mm	350 mm	350 mm
Outside diameter	110 mm	135 mm	135 mm	185 mm	185 mm	290 mm	290 mm	470 mm	470 mm
Motor length	114 mm	150 mm	150 mm	150 mm	150 mm	172 mm	207 mm	277 mm	277 mm

Motor classifications

IP Class	IP68	IP68	IP68	IP68	IP68	IP68	IP68	IP68	IP68
Static thrust	7 kg	31 kg	31 kg	62 kg	62 kg	156 kg	195 kg	380 kg	400 kg
Salt water resistant	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cable length	2 m	2 m	2 m	2 m	2 m	2 m	2 m	2 m	2 m

Motor controller specifications

Motor controller**	48V 100A	48V 250A	48V 250A	48V 250A	48V 250A	48V 250A	48V 600A	48V 600A	96V 600A
Length	149 mm	160 mm	160 mm	160 mm	160 mm	160 mm	250 mm	250 mm	320 mm
Width	127 mm	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm
Height	43.5 mm	72 mm	72 mm	72 mm	72 mm	72 mm	72 mm	72 mm	72 mm
Weight	0.2 kg	3.25 kg	3.25 kg	3.25 kg	3.25kg	3.25 kg	4.9 kg	4.9 kg	6.2 kg

**Motor controller is included in the set price with the motor itself.

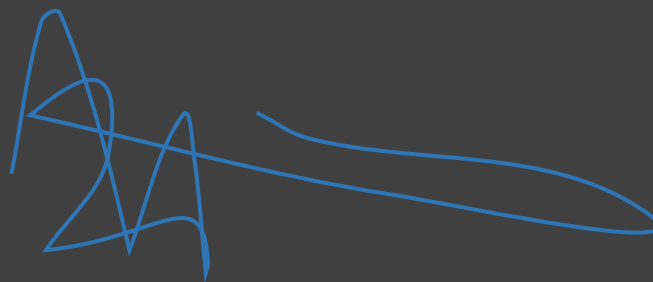
RIM DRIVE TECHNOLOGY

Our mission is to **convince customers**. Convince them that our motors work for many hours with minimal service intervals and the highest user experience. If we succeed with this mission, we will advance on our vision of a better eco-friendly future.

*Provide customers with **electric solutions with multiple advantages compared to combustion engines.***

These motors are perfect candidates for those who want to sail electric, as they have a streamlined design, are sustainable and functional. Because of its **unique design**, the motor consists of only one rotating part. It significantly decreases maintenance costs.

Combined with extremely high torque, fast response time, and saltwater compatibility rim-drive motors can be equipped in many applications. You will find the **Rim Drive Technology** motors on sloops, autonomous unmanned vehicles, ROVs, research vessels and navy-related sailing solutions.



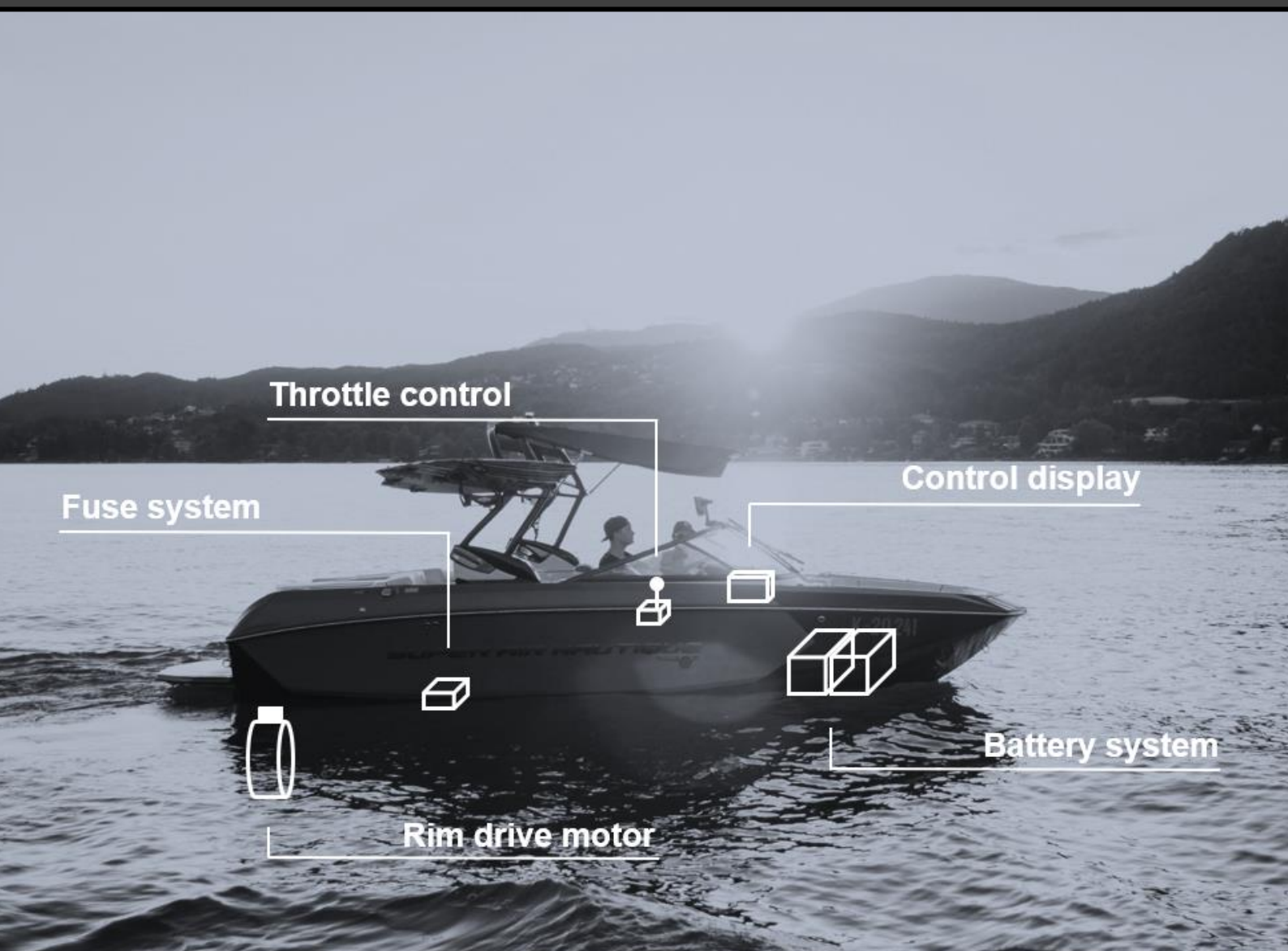


FORGET
**EXHAUST GASSES,
VIBRATIONS AND NOISE**

Integrated System Solutions

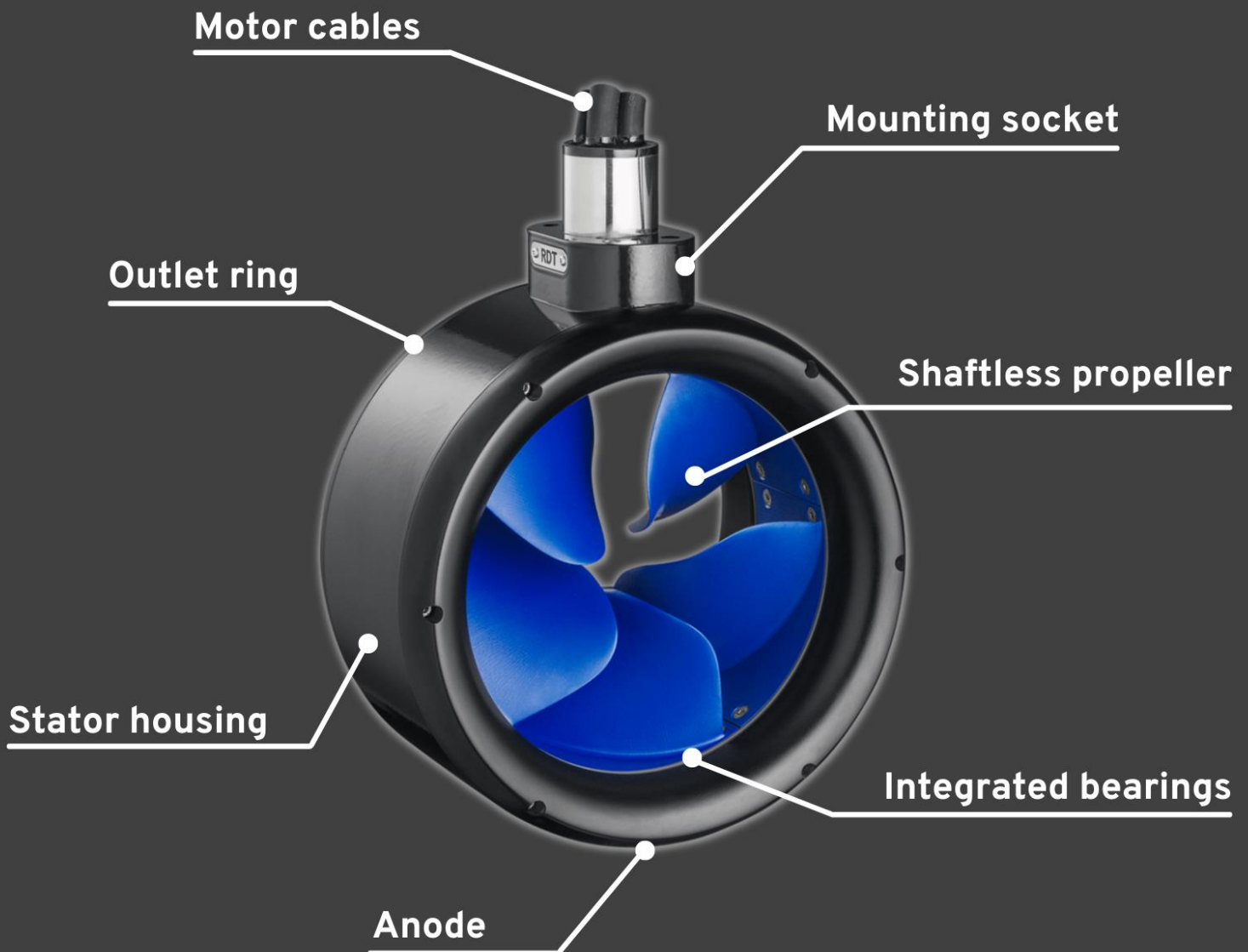
We want to support our customers from start to finish. To achieve this, we offer a wide range of accessories which increase the user-friendliness of our motors. Below you can find the most common accessories used by Rim Drive Technology clients.

We also offer clients the option of individual programming. Systems can be tailored-made for an application due to our extended supplier network.



Components of a Rim Drive Motor

A compact, lightweight design makes our products compatible with the smallest installation areas. No center shaft limits the chance that ropes or fishing nets will get stuck in the propeller. A rim drive motor has only one rotating part, which reduces the amount of maintenance.



RIM DRIVE TECHNOLOGY

**Uncompromised
Electric Motors**

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