

Only quality matters.

POD – Maritime

POD – Subsea

Steerable POD

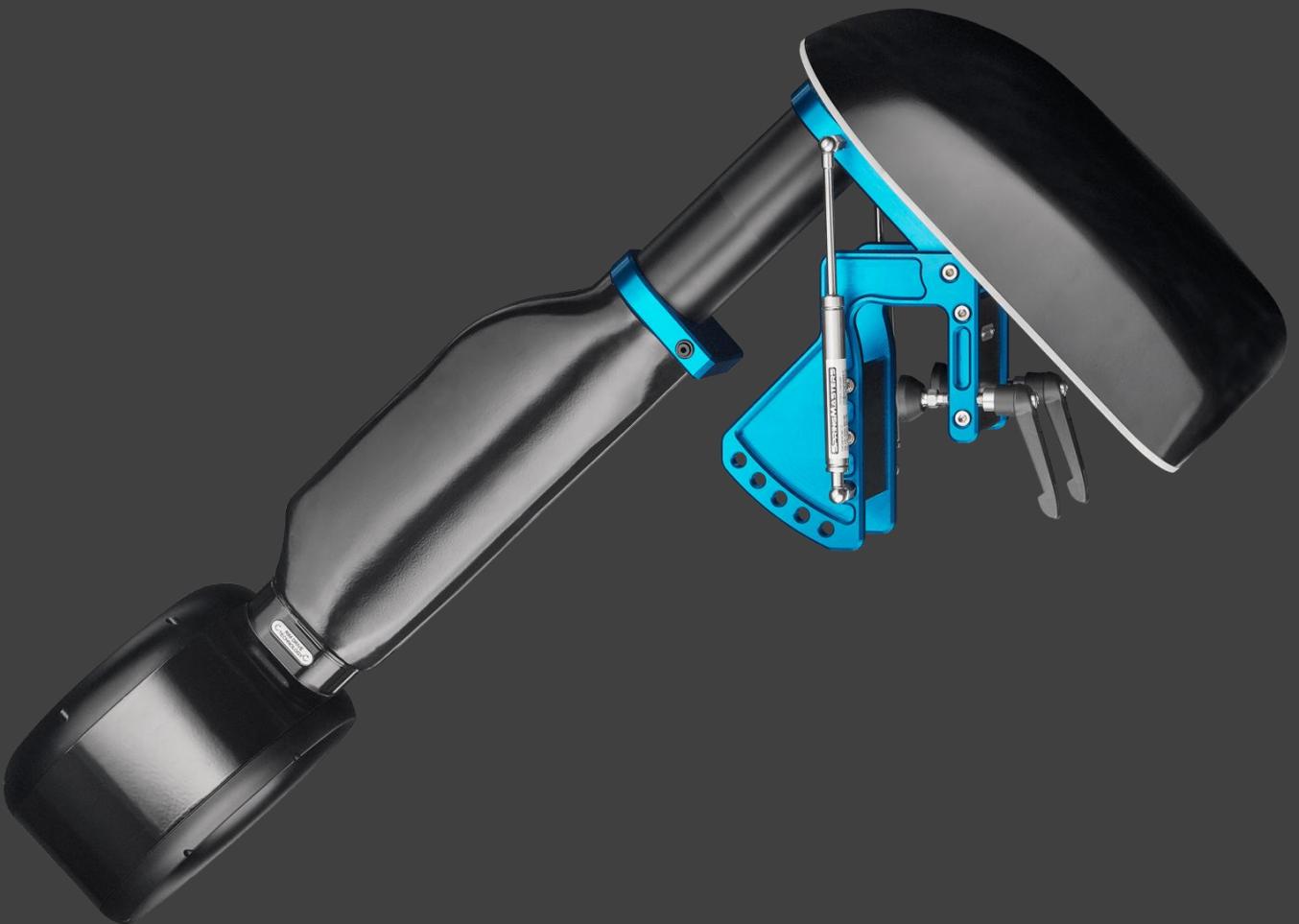
Outboard

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	Outboard 3.0	Outboard 5.0	Outboard 11.0	Outboard 15.0
Article code	300002699 (S)	300002657 (S)	300002662 (S)	300004131 (S)
	300004117 (L)	300004119 (L)	300004118 (L)	300004170 (L)
Motor type	M086-48V	M133-48V	M212-48V	M212-48V-PRO
Power*	3kW	5kW	11kW	15kW
Nominal current	63A	104A	230A	300A
Nominal voltage	48V	48V	48V	48V

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

Motor dimensions

Weight	25 kg	30 kg	35 kg	40 kg
Propeller diameter	86 mm	133 mm	212 mm	212 mm
Outside diameter motor	135 mm	185 mm	290 mm	290 mm
Motor length	170 mm	175 mm	180 mm	205mm
Total length	681 (S) / 931 (L) mm	713 (S) / 963 (L) mm	774 (S) / 924 (L) mm	771 (S) / 1021 (L) mm

Motor classifications

Motor controller	48V 250A	48V 250A	48V 600A	48V 600A
IP Class housing	IP65	IP65	IP65	IP65
IP Class motor	IP68	IP68	IP68	IP68
Static thrust	30 kg	60 kg	155 kg	195 kg
Salt water resistant	Yes	Yes	Yes	Yes

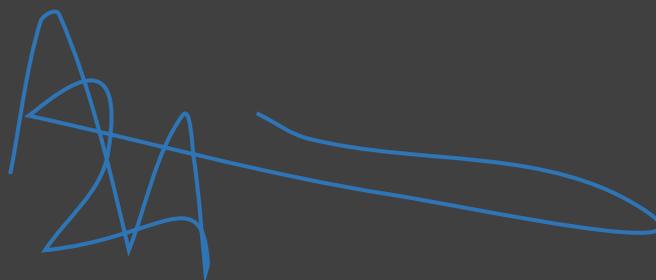
RIM DRIVE TECHNOLOGY

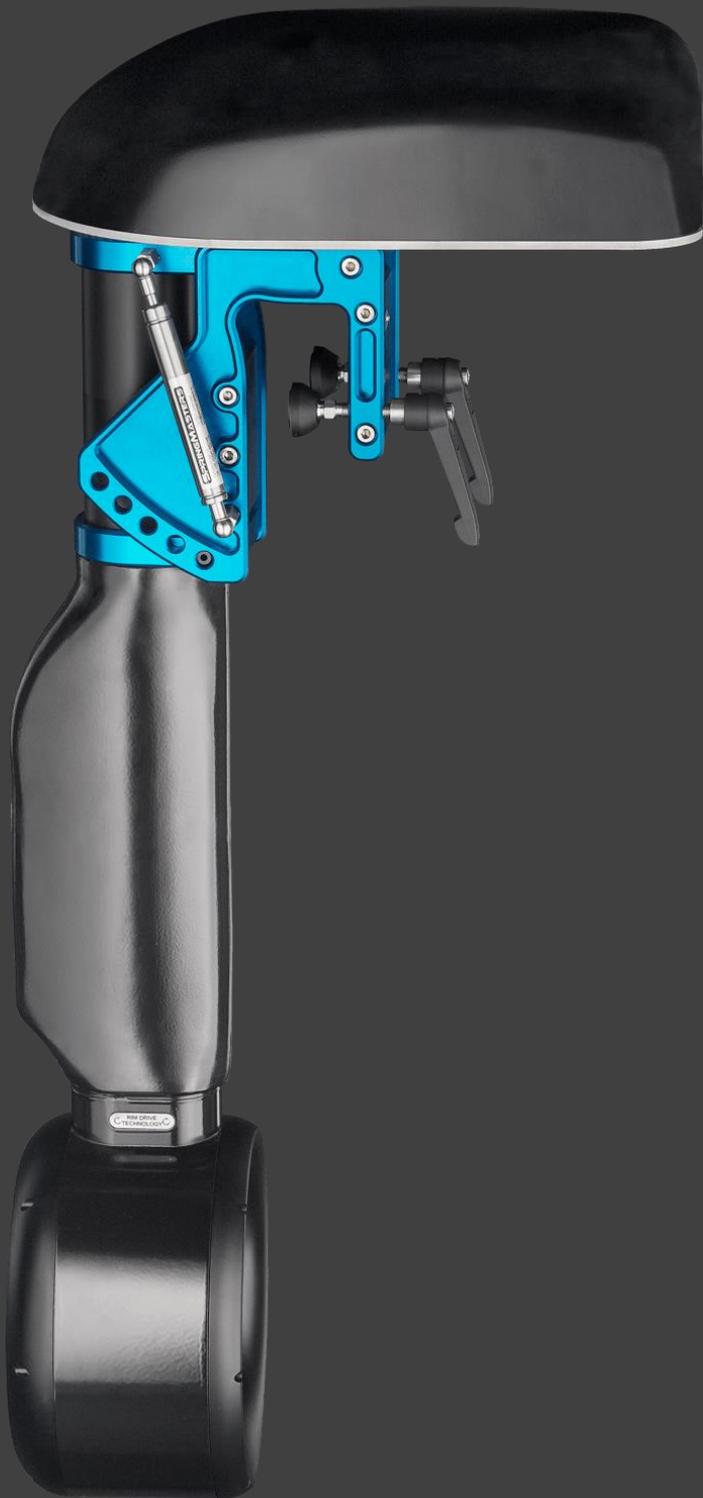
Our mission is to **convince customers**. Convince them that our motors work for many hours with minimal service intervals and the highest user experience. If we succeed with this mission, we will advance on our vision of a better eco-friendly future.

*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.



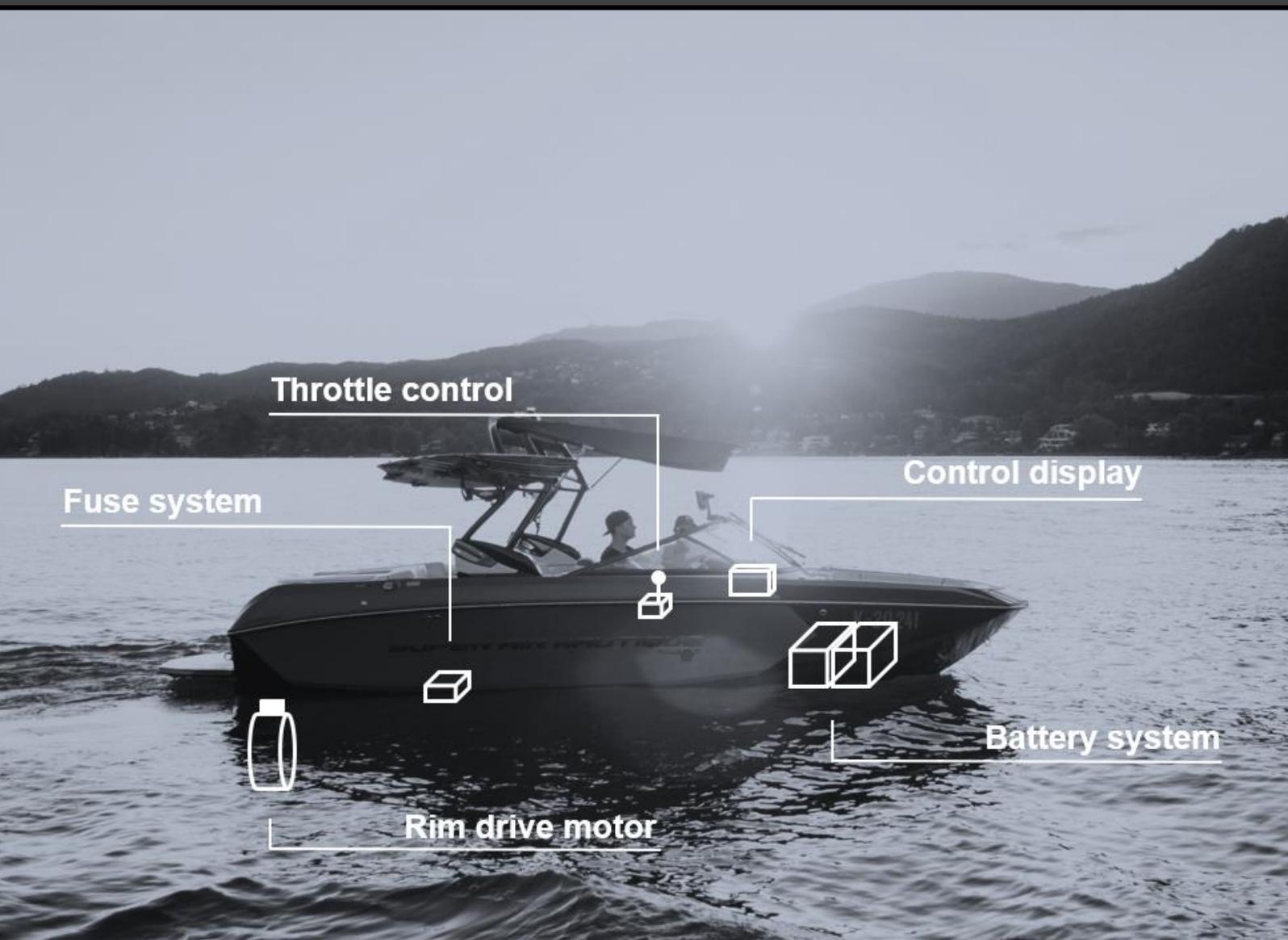


FORGET
EXHAUST GASSES,
VIBRATIONS AND NOISE

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.



Throttle control

Fuse system

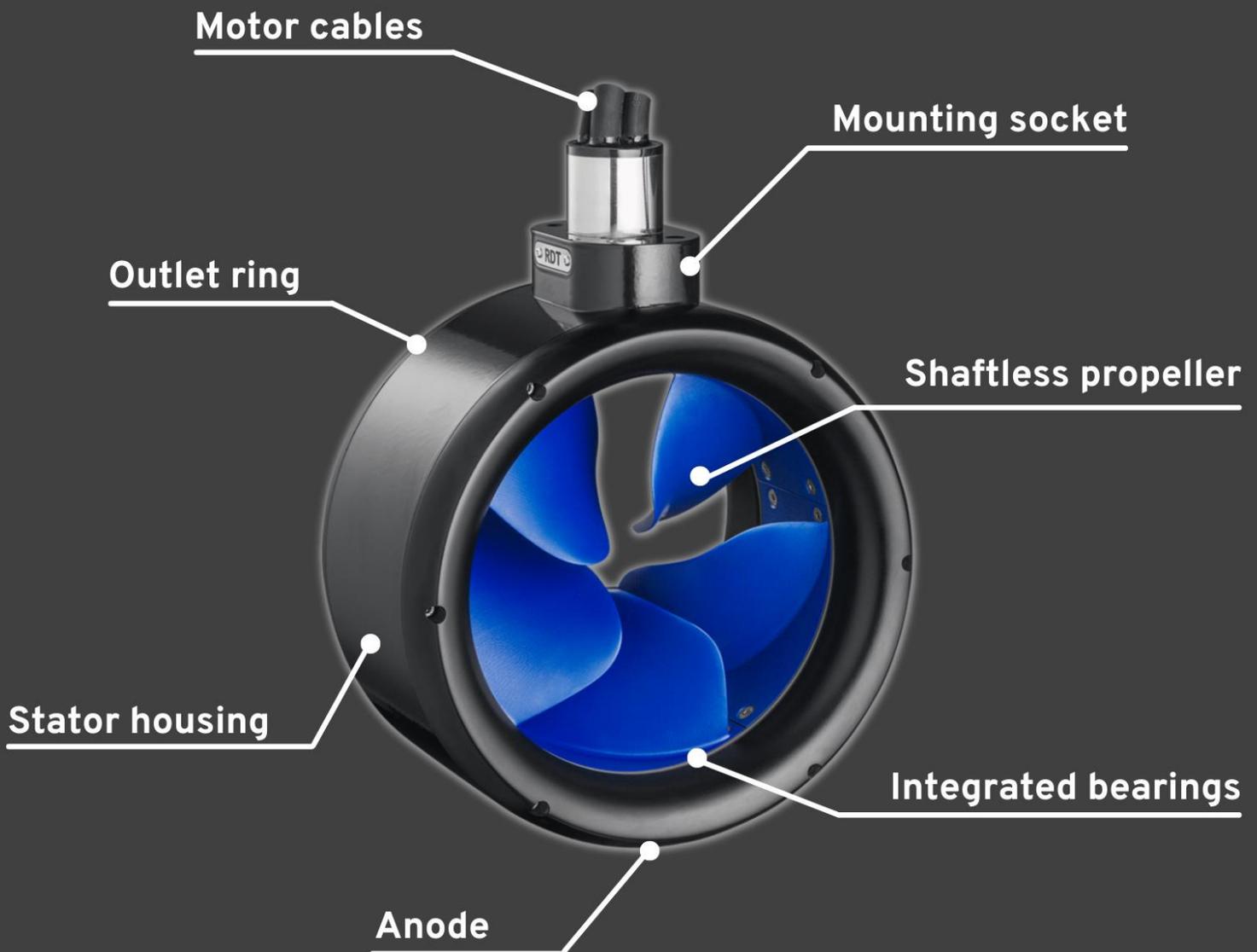
Control display

Battery system

Rim drive motor

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**

www.rimdrivetechology.nl

31 (0) 85 482 48 55

info@rimdrivetechology.nl