

Only quality matters.

POD – Maritime

POD – Subsea

Steerable POD

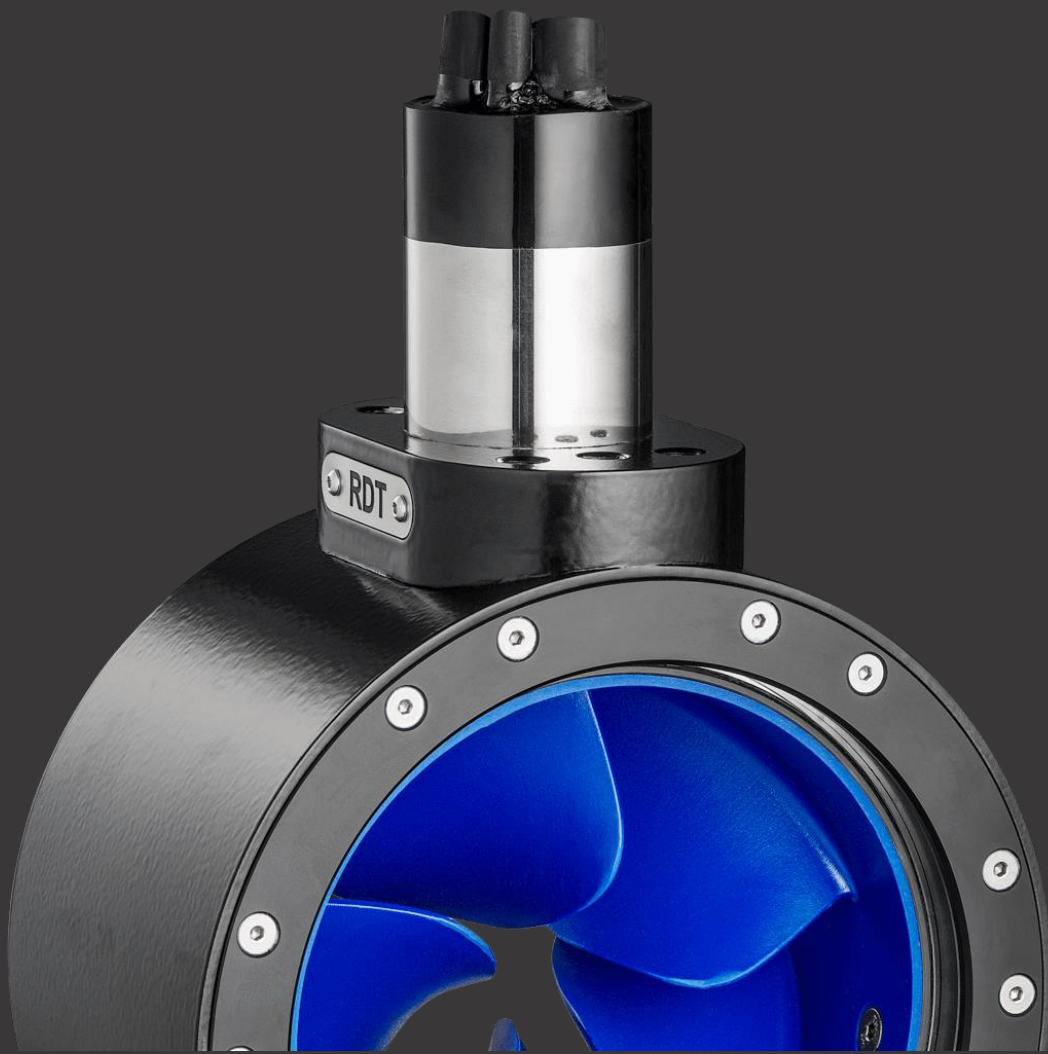
Outboard

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

Bow thruster 0.5 / 3.0 / 5.0

Motor characteristics

Product name	BT 0.5	BT 3.0-24V	BT 3.0	BT 5.0-24V	BT 5.0
Motor type	M065-48V	M086-M-24V	M086-48V	M133-M-24V	M133-48V
Article code	300002635	300004030	300002637	300004031	300002639
Power*	0.5kW	3kW	3kW	3kW	5kW
Nominal current	11A	125A	63A	208A	104A
Nominal voltage	48V	24V	48V	24V	48V

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

Motor dimensions

Product name	BT 0.5	BT 3.0-24V	BT 3.0	BT 5.0-24V	BT 5.0
Weight	2.5 kg	3.5 kg	3.5 kg	5 kg	5 kg
Propeller diameter	65 mm	86mm	86 mm	133 mm	133 mm
Outside diameter	100 mm	135 mm	135 mm	185 mm	185 mm
Motor length (excluding tunnel)	76 mm	110 mm	110 mm	110 mm	110 mm
Tunnel length	On request	On request	On request	On request	On request

Motor classifications

Product name	BT 0.5	BT 3.0-24V	BT 3.0	BT 5.0-24V	BT 5.0
IP Class	IP68	IP68	IP68	IP68	IP68
Static thrust	5.5kg	23kg	25kg	50kg	55kg
Salt water resistant	Yes	Yes	Yes	Yes	Yes
Cable length	2m	2m	2m	2m	2m

Motor controller specifications

Product name	BT 0.5	BT 3.0-24V	BT 3.0	BT 5.0-24V	BT 5.0
Motor controller*	48V 100A	48V 250A	48V 250A	48V 250A	48V 250A
Length	149 mm	160 mm	160 mm	160 mm	160 mm
Width	127 mm	200 mm	200 mm	200 mm	200 mm
Height	43.5 mm	72 mm	72 mm	72 mm	72 mm
Weight	0.2 kg	3.25 kg	3.25 kg	3.25 kg	3.25 kg

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

Datasheet

Bow thruster 8.0 / 11.0 / 15.0 / 25.0 / 30.0

Motor characteristics

Product name	BT 8.0	BT 11.0	BT 15.0	BT 25.0	BT 30.0
Motor type	M212-48V	M212-48V	M212-M-48V-Pro	M341-M-96V	M341-M-110V
Article code	300004266	300002643	300004162	300002645	300004033
Power*	8kW	11kW	15kW	25kW	30kW
Nominal current	170A	230A	300A	260A	273A
Nominal voltage	48V	48V	48V	96V	110V

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

Motor dimensions

Product name	BT 8.0	BT 11.0	BT 15.0	BT 25.0	BT 30.0
Weight	14 kg	14 kg	18 kg	70 kg	70 kg
Propeller diameter	212 mm	212 mm	212 mm	350 mm	350 mm
Outside diameter	284 mm	284 mm	290 mm	470 mm	470 mm
Motor length (excluding tunnel)	110 mm	110 mm	145 mm	180 mm	180 mm
Tunnel length	On request	On request	On request	On request	On request

Motor classifications

Product name	BT 8.0	BT 11.0	BT 15.0	BT 25.0	BT 30.0
IP Class	IP68	IP68	IP68	IP68	IP68
Static thrust	120 kg	140kg	195kg	380kg	400kg
Salt water resistant	Yes	Yes	Yes	Yes	Yes
Cable length	2m	2m	2m	2m	2m

Motor controller specifications

Product name	BT 8.0	BT 11.0	BT 15.0	BT 25.0	BT 30.0
Motor controller*	48V 450A	48V 600A	48V 600A	96V 600A	96V 600A
Length	200 mm	250 mm	250 mm	320 mm	320 mm
Width	200 mm	200 mm	200 mm	200 mm	200 mm
Height	72 mm	72 mm	72 mm	72 mm	72 mm
Weight	4.1 kg	4.9 kg	4.9 kg	6.2 kg	6.2 kg

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

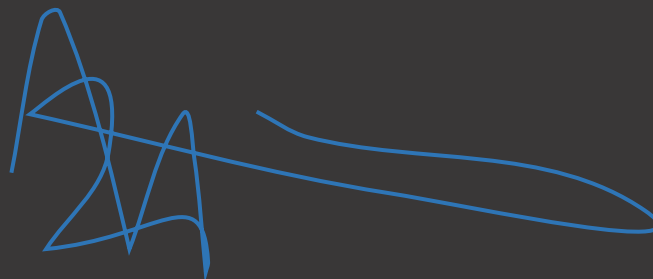
RIM DRIVE TECHNOLOGY

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.



RIM DRIVE TECHNOLOGY

**Uncompromised
Electric Motors**

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