



MODULAR THRUSTERS

SEAMOR Marine's thrusters are renowned for their superior performance and rugged design. Rated at 600m depth, each unit is powered by high-quality Swiss-made Maxon DC motors and gearboxes, ensuring reliability in demanding environments. Our custom-designed 4-inch propellers and nozzles generate impressive thrust, delivering over 6kg (13 lbs) of force in the forward direction and 2.8kg (6.2 lbs) in reverse, with a 58VDC input.

Built for durability, each thruster is constructed from anodized aluminum and pressure-tested to withstand harsh conditions. Maintenance is made simple with replaceable shaft seal cartridges, and a

built-in grounding stud allows for easy connection to a sacrificial anode, extending the life of the unit. We also offer left- and right-handed propellers to meet specific user requirements.

The integrated motor driver circuitry streamlines operation, enabling use in a wide range of applications. Thrusters are controlled via RS-485 serial communication, with the capability to daisy-chain multiple units together for greater versatility. Additionally, real-time diagnostic information such as voltage, current, and internal temperature can be monitored over the same communication channel.

DIMENSIONS

Total length: 10.67" (271.0mm)

Nozzle OD: 4.953" (125.8mm)

Body OD: 1.75" (44.45mm)

Prop diameter: 4" (101.6mm)

THRUST

Forward: 13.9lb-f (6.3kg) thrust @ 58V, 3.6A

Reverse: 6.2lb-f (2.8kg) thrust @ 58V, 3.2A

Utilizes precision Maxon brushed DC motors & gearboxes.



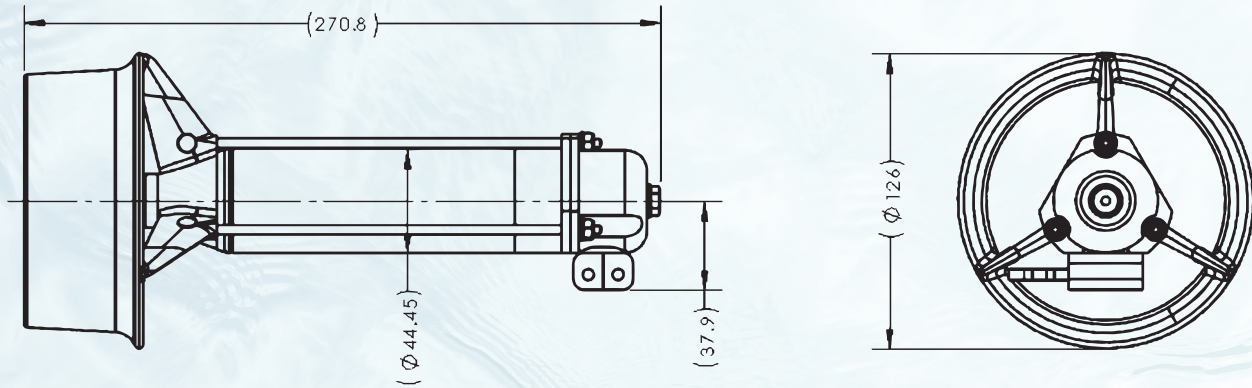
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SEAMOR 200W THRUSTER SPECS

MEASUREMENT	UNIT	NOMINAL	MAX
Voltage	V DC	48	58
Power	W	125	210
Thrust Forward	lb-f	9.4	13.9
Thrust Reverse	lb-f	4.2	6.2



**Maximum Water Temperature
 Continuous Operation: 40 C**
Connector: Taylor Oceanics, 46-5MBORA-4
Communication: RS-485

