



Product Description

The M200 Brushless Motor is a simple motor version of the T200 Thruster.

It uses the same internal components but doesn't have the plastic nozzle or other components.

Applications

- Waterproof brushless camera gimbals
- Underwater actuators
- Build your own thruster
- Small ROVs that don't need full size thrusters

Features

- **Efficient** brushless electric motor
- **Standard mounting holes** spaced 19mm and 16mm apart
- **Rugged design** for use in extreme environments
- Operates under **extreme pressure** and **depth**
- **High-performance plastic bearings** that don't corrode
- **Solder pads** to connect and seal wires

Specification Table

Performance

RPM/V (Kv rating)	490 RPM/volt	
Torque ¹	0.50 N m	4.5 in-lb

Electrical

Operating Voltage	6-20 volts	
Max Current	22 amps	
Max Power	350 watts	

Physical

Overall Length	62 mm	2.44 in
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Performance

Diameter	36 mm	1.42 in
Shaft Diameter	5.0 mm	0.197 in
Mounting Hole Threads	M3 x 0.5	
Base Mounting Hole Spacing (diagonal)	24 mm	0.94 in
Top Mounting Hole Spacing	19 mm	0.75 in

¹ Torque is provided as the theoretical maximum based on the motor design. This torque can only be achieved at all speeds with the proper motor controller. These numbers have not been validated experimentally.

