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# sparkfun

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## Micro Gearmotor - 4900 RPM (6-12V)

ROB-12408



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**Description:** These micro gearmotors are incredibly tough and feature full metal gears. They have a gear ratio of 5:1 and operate up to 12 volts and have a stall torque of 2 oz-in. and a max speed of 4900 RPM. Each micro gearmotor sports a 3mm D-shaft.

**Note:** The micro gearmotor enclosures are sold separately, you can find them [here](#).

### Features:

- Voltage: 6 - 12 Volts
- Gear Ratio: 5:1
- Stall Torque: ½ oz-in. (6/12V)
- Speed: 2500/4900 RPM (6/12V)
- No Load Current: 50/120 mA (6/12V)
- Stall Current: 360/1600 mA (6/12V)
- DC Reversible

### Dimensions:

- Motor Size: 26 x 12 x 10mm
- Shaft Size: 3mm Diameter x 10mm Length

- Weight: 17g