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# sparkfun

## Micro Gearmotor - 900 RPM (6-12V) ROB-12316 ★ ★ ★ ★ ☆ 1



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**Description:** These micro gearmotors are incredibly tough and feature full metal gears. They have a gear ratio of 30:1 and operate up to 12 volts and have a stall torque of 9 oz-in. and a max speed of 900 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: 30:1
- Stall Torque: 4/9 oz-in. (6/12V)
- Speed: 450/900 RPM (6/12V)
- No Load Current: 40/120 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