

## CD DVD Spindle Motor

PRODUCT ID: 3882

What's this? A record player for *ants*?? Not at all! This is a DVD/CD Spindle Motor, that thing that's inside a CD or DVD player, that turns the disc around really fast. These motors have some great benefits that make them easier to use than '130' style DC hobby motors

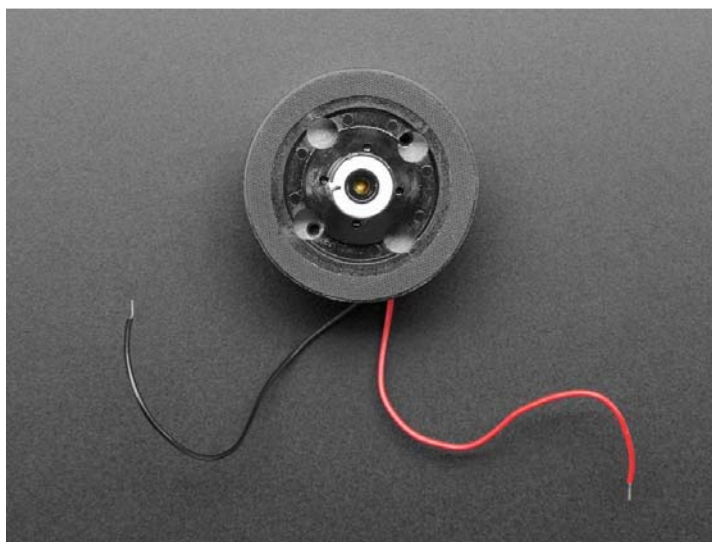
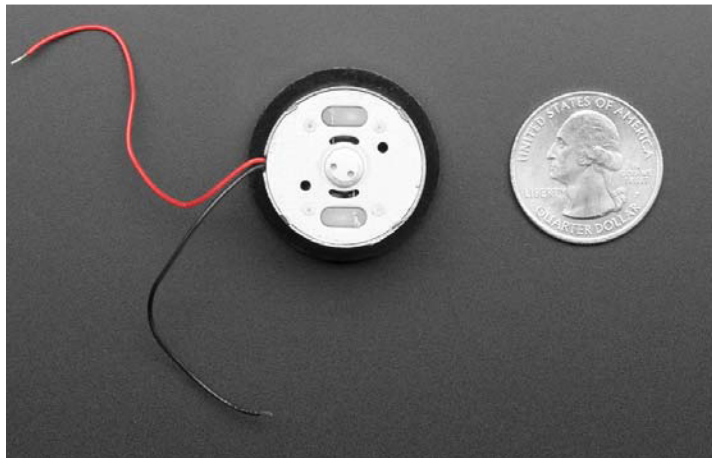
- For one, they're mostly flat on the end, so you can tape or glue it to a flat surface easily.
- They are well balanced, don't vibrate a lot which makes them nice and quiet compared to most other motors (they're not *totally silent*)
- They spin fast, about 3500 RPM at full power – can PWM the motor driver to reduce speed
- 20 mA free running current, 400mA stalled.
- The motor is rated at 5.9V max. You can use 3V to 6V DC, the speed and torque may vary
- They've already got a plastic hub on em, so its super easy to attach whatever you like

It is a motor, so you'll need a motor driver to control it. We recommend CRICKIT for easy motor control, but you can also use an Adafruit Motor Shield for Arduino, Motor HAT for Pi, Motor FeatherWing, L293D, TB6612 or DRV8833

## TECHNICAL DETAILS

- 5.9V max current
- Motor diameter: ~22mm
- Spindle diameter: 30mm

Product Weight: 22.4g / 0.8oz



<https://www.adafruit.com/product/3882> 8-20-18