



## CD DVD Spindle Motor

PRODUCT ID: 3882

IN STOCK

1

ADD TO CART

☐ Also include 1 x [Adafruit CRICKIT for Circuit Playground Express](#) ()

1-9

10-99

100+

ADD TO WISHLIST

[DESCRIPTION](#)[TECHNICAL DETAILS](#)

## DESCRIPTION

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*)

- 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](#)

New Products 8/15/18 Featuring Adafruit #HaloWing #M0 Express! ...



## TECHNICAL DETAILS

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

Product Weight: 22.4g / 0.8oz

[Datasheet](#)

## LEARN



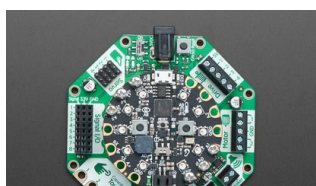
### [Paper Airplane Launcher](#)

Test your paper airplane designs with this DIY cardboard launcher

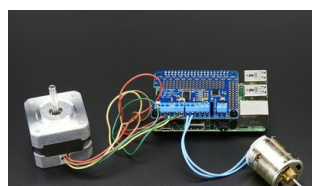
## MAY WE ALSO SUGGEST...



DC Toy / Hobby Motor - 130



Adafruit CRICKIT for Circuit



Adafruit DC & Stepper



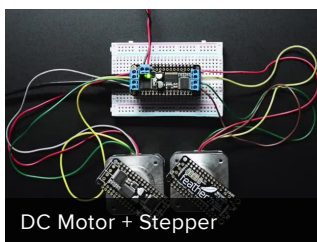
Small Alligator Clips - 100



DC Gearbox Motor - "TT"



Adafruit CRICKIT



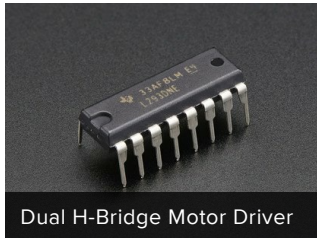
DC Motor + Stepper



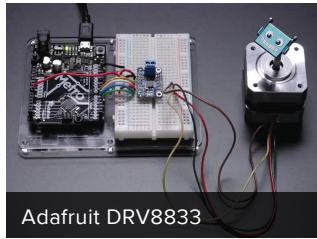
Adafruit TB6612 1.2A



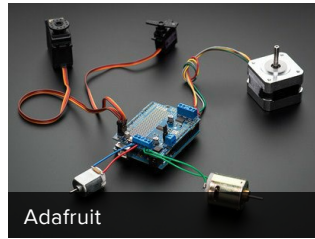
DC Motor in Micro Servo



Dual H-Bridge Motor Driver



Adafruit DRV8833



Adafruit

## DISTRIBUTORS [EXPAND TO SEE DISTRIBUTORS](#)

[CONTACT](#)

[SUPPORT](#)

[DISTRIBUTORS](#)

[EDUCATORS](#)

[JOBS](#)

[FAQ](#)

[SHIPPING & RETURNS](#)

[TERMS OF SERVICE](#)

[PRIVACY & LEGAL](#)

[ABOUT US](#)

ENGINEERED IN NYC Adafruit®

*"I'm an engineer. I see myself as a toolmaker and the musicians are my customers... They use my tools" -*  
**Robert Moog**



4.9 ★★★★★  
Google  
Customer Reviews