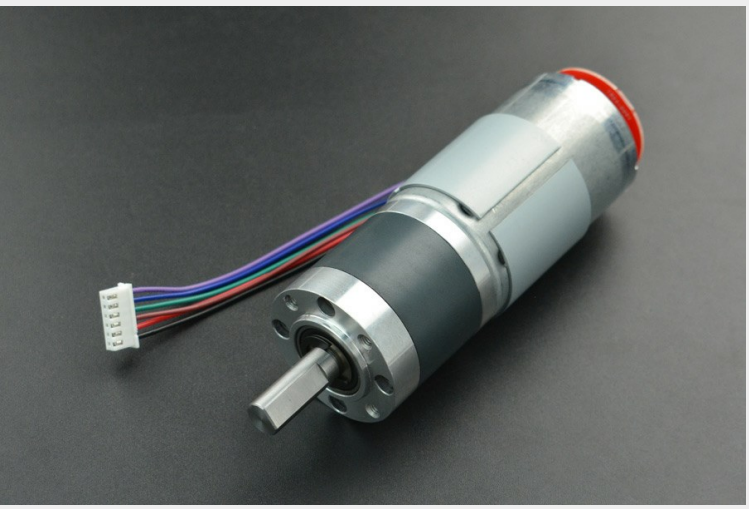
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12V 184P Gear Motor with Encoder

SKU:FIT0397 Brand:Other Reward Points: 1080

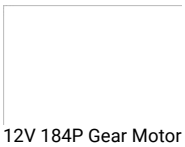
Quantity Based

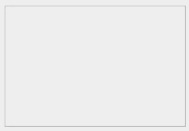
QTY	DISCOUNT
2+	

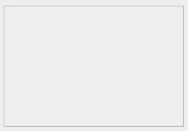
Quantity: - +

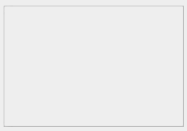
ADD TO CART

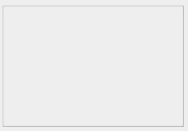
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12V 184P Gear Motor with Encoder


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2×15A DC Mo... Driver


RPLIDAR A1M8-... Kit


Brushless ... 159RPM

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INTRODUCTION

Fed up with the noisy hummings of your mobile robot? Want higher torque output with current power voltage? This customized high quality DC motor is the best choice if you desire a quiet motor with a high torque output.

Dimension

APPLICATIONS

- Home Robot Platforms
- Mid-size Mobile Robot Platforms

SPECIFICATION

Downloaded from Arrow.com.

- Rated Voltage: DC 12V
- No-load Current: 600mA
- Stall Torque: 45kg·cm
- No-load Speed: 184rpm
- Speed Reduction Ratio: 27:1
- Encoder Pulse: 124PPR (Output shaft)
- Outline Dimension: 153.5×44.5×44.5mm
- Output Shaft Diameter: Φ10mm
- Mounting Hole: 4-M4
- +: Motor +
- -: Motor -
- V: Hall Encoder Power Input +(4.5-24V)
- G: Hall Encoder Power Input -
- A: Encoder phase A output (Pull-up resistor required)
- B: Encoder phase B output (Pull-up resistor required)

SHIPPING LIST

- 12V 184P Gear Motor with Encoder x1

REVIEW

FAQ

8 Comments DFRobot Disqus' Privacy Policy Login
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n the discussion...

Diego • 3 years ago
Hi !

Do you have the curves of current, torque and efficiency of the motor?

regards

Reply • Share ›

DFRobot Support Mod ➔ Diego • 3 years ago
Hi,
The information above and the datasheet are all we have, we don't have any curve of the motor.

Reply • Share ›

Diego ➔ Diego • 3 years ago
hi

Reply • Share ›

EDDIE CHIA • 4 years ago
the drawing attached on the datasheet is different from the actual part, 20mm different. I have a problem assemble after fabricated part installation. Please change or remove the drawing before any other buyer get into the same problem!

Reply • Share ›

DFRobot Support Mod ➔ EDDIE CHIA • 4 years ago
Hi
Thank you very much for your remind. yes, the size in the datasheet doesn't include the length of the encoder, and the length of the encoder is about 18mm, the whole length of the motor(include the encoder) is 172mm

Reply • Share ›

eddie ➔ DFRobot Support • 4 years ago
g that does not include the encoder, it create a lot of problem when parts

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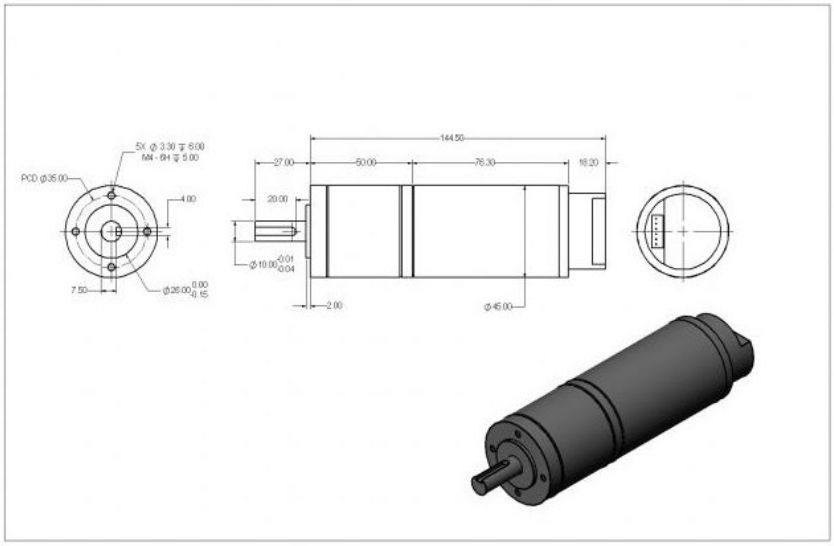
already fabricate and cannot assemble, especially when the motor is mounted back to back, its 40mm different ! how to mount?? Now I facing this problem right now.

Reply • Share ›

eddie ➚ eddie • 4 years ago

Admin

Please update your pdf drawing of the datasheet before other get into a mess like me !!! If you don't have the drawing, attached below is drawing with the actual dimension I have measure from the motor I have. If you need a 3D part, I can email to you.



1 • Reply • Share ›

Near ➚ eddie • 3 years ago

Hello, I'm using this motor, can you email me the 3D model? My email is :symbianlord2@gmail.com

Thanks.

Reply • Share ›

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