**Standard Gearmotor - 303 RPM (3-12V)**

**ROB - 12147**

**DESCRIPTION**

- Voltage: 3 - 12 Volts
- Gear Ratio: 10:1
- Stall Torque: 16.8 oz-in. (@ 12V)
- Speed: 303 RPM (@ 12V)
- No Load Current: 95 mA (@ 12V)
- Stall Current: 0.5A (@ 12V)
- Insulation Resistance: 10 MOhm
- Dielectric Strength: 300VDC
- DC Reversible
- Shaft Size: 6mm Diameter x 0.715” Length
- Weight: 4.1 oz.

**FEATURES**

**DOCUMENTS**

**Tags**

ACTOBOTICS

**SKILLS NEEDED**

**Core Skill: Robotics**

This skill concerns mechanical and robotics knowledge. You may need to know how mechanical parts interact, how motors work, or how to use motor drivers and controllers.

**Skill Level: Rookie** - You will be required to know some basics about motors, basic motor drivers and how simple robotic motion can be accomplished.

See all skill levels

**Core Skill: Electrical Prototyping**

If it requires power, you need to know how much, what all the pins do, and how to hook it up. You may need to reference datasheets, schematics, and know the ins and outs of electronics.

**Skill Level: Noob** - You don't need to reference a datasheet, but you will need to know basic power requirements.

See all skill levels

**COMMENTS**

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**REVIEWS**

Customer Reviews
Wanted to drive the transport of an 8 mm Filmprojector with it. The 303 RPM @12V are only achieved without any load.