

DC motor with gearbox GA37RG

Product codes:

Reference: AM1533

EAN13: -

UPC: 84145925

Product features:

Performance: 2 W

Average: 25 mm



Product attributes:

Tension: 12 V DC, 24 V DC

Speed: 10 RPM, 20 RPM, 50 RPM, 100 RPM, 200 RPM, 550 RPM

Product description:

The powerful GA37RG series geared motor is equipped with a planetary gearbox and provides high torque at low speeds. It is ideal for precision motion mechanisms, robotics, sliding systems, home and industrial automation. The 12V or 24V version and six speeds from 10 to 550 RPM allow for precise adjustment to the specific application.

Technical specifications

- Supply voltage: 12V DC or 24V DC (depending on the selected variant)
 - Rotation speed (selected variants): 10 RPM / 20 RPM / 50 RPM / 100 RPM / 200 RPM / 550 RPM (depending on the selected variant)
 - Motor type: DC gear motor
 - Gearbox: Planetary, different gear ratios depending on speed
 - Torque: up to 2 kgf cm (depending on version)
 - Commutation: Brushed
 - Construction: Permanent magnet
 - Motor power: 2W
 - Current consumption: 100 mA (typical, depending on load)
 - Weight: 92g
 - Protection: IP20 (drip-proof)
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- Motor dimensions: 37 mm diameter, body length 29–39 mm depending on gearbox
- Shaft dimensions: Ø 6 mm, length 14 mm

Functions and features

- Strong torque even at very low speeds
- Planetary gearbox for high efficiency and long service life
- Stable operation without vibrations and with minimal noise
- Versatile speed selection options thanks to a wide range of gear ratios
- Quality construction suitable for hobby and professional projects

Ideal for

- Robotics and mechatronics projects
- Linear and sliding mechanisms
- Rotary platforms, servomechanisms and transmission systems
- Automated doors, barriers and locks
- DIY constructions, models and home automation

Package contents

- 1× Gear motor GA37RG

Why choose this product?

- Precise speed selection from 10 to 550 RPM
- Choice between 12V and 24V for compatibility with different systems
- Planetary gearbox ensures smooth and reliable operation
- High torque even at low speeds
- Suitable for precise and demanding motion applications

Parameters

12V	2.5R	1750	627:1
12V	5.5R	3500	627:1
12V	11R	2500	244:1
12V	14.5R	3500	244:1
12V	22R	5000	244:1
12V	29R	5000	172:1
12V	52R	5000	95:1
12V	68R	5000	73.6:1
12V	87R	5000	57:1
12V	110R	3500	31.6:1
12V	135R	5000	37:1
12V	158R	5000	31.6:1

12V	205R	5000	24:1
12V	260R	3500	13.5:1
12V	370R	5000	13.5:1
12V	550R	5000	9:1
12V	888R	8000	9:1
24V	5.5R	3500	627:1
24V	12R	5000	401:1
24V	14.5R	3500	244:1
24V	20R	5000	244:1
24V	29R	5000	172:1
24V	52R	5000	95:1
24V	68R	5000	73.6:1
24V	87R	5000	57:1
24V	110R	3500	31.6:1
24V	135R	5000	37:1
24V	158R	5000	31.6:1
24V	205R	5000	24:1
24V	260R	3500	13.5:1
24V	370R	5000	13.5:1
24V	550R	5000	9:1
24V	888R	8000	9:1

Product gallery:

