

Geared motor 60GA775

Product codes:

Reference: AM7741

EAN13: -

UPC: 84145925

Product features:

Waterproof grade: IP20



Product attributes:

Tension: 12 V DC, 24 V DC

Speed: 10 RPM, 15 RPM, 30 RPM, 50 RPM, 100 RPM, 200 RPM, 300 RPM, 500 RPM

Product description:

The robust 60GA775 gear motor is designed for applications where high torque, smooth operation and reliability are required even during long-term operation. Thanks to the high-quality gearbox and power class up to 35W, it is ideal for automation, motion mechanisms, lifting systems, sliding units, model making and industrial construction. We offer variants only in pure form without accessories - i.e. the motor itself, ready for installation. Speed options from 5 to 500 RPM and 12V or 24V power supply versions are also available.

Technical specifications

- Supply voltage: 12V DC or 24V DC (depending on the selected variant)
 - Rotation speeds: 5 RPM / 10 RPM / 30 RPM / 50 RPM / 100 RPM / 200 RPM / 300 RPM / 500 RPM (depending on the selected variant)
 - Motor type: DC gear motor
 - Construction: Permanent magnet, fully enclosed design
 - Power: 18.6–37.5 W (depending on load and voltage)
 - Rated current: 2 A
 - Torque: up to 80 kg·cm (value varies depending on speed)
 - Commutation: Brushed
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- Efficiency: IE1
- Gearbox dimensions: 60 × 60 mm
- Total motor length: 95–115 mm (depending on gear ratio)
- Shaft diameter: 8 mm
- Shaft length: 19 mm
- Weight: 520g
- Protection: IP20

Functions and features

- High torque suitable for demanding mechanical loads
- Stable and long-lasting gearbox
- Wide range of speeds for precise and smooth movement control
- Durable construction suitable for continuous operation
- Possibility to select voltage according to the available power supply system

Ideal for

- Home and industrial automation
- Linear and rotary sliding mechanisms
- Lifting and transmission systems
- Model making and mechatronic projects
- Construction and DIY construction requiring a reliable motor

Package contents

- 1× Gear motor 60GA775 (without accessories)

Why choose this product?

- Strong power up to 37.5 W for demanding applications
- Choice of eight speed options (5–500 RPM)
- Robust gearbox and high reliability
- Available in two voltage versions: 12V and 24V
- Universal motor suitable for a wide range of automation projects

Parameters

Voltage			
Current			
No-load speed			

Torque (kgfcm)	76.40	50.93	25.47	15.28	7.64	5.09	3.82	2.55	1.91	1.53
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Type: Motor - 24V	5 rpm	10 rpm	30 rpm	50 rpm	100 rpm	150 rpm	200 rpm	300 rpm	400 rpm	500 rpm
Voltage	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V
Current	3.8A	3.8A	3.8A	3.8A	3.8A	3.8A	3.8A	3.8A	3.8A	3.8A
No-load speed	5	10	30	50	100	150	200	300	400	500
Torque (kgfcm)	82	80	31.83	19.10	9.55	6.37	4.78	3.18	2.39	1.91

Product gallery:

