AC Shaded Pole Gear Motor GM60A

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PRODUCT CATEGORIES

- Brushed Gear Motor
- Brushless Gear Motor
- Coreless Gear Motor
- AC Shaded Pole Gear Motor
- Smart Lock Motor

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AC Shaded Pole Gear Motor GM60A

The GM60A Series AC Shaded Pole Gear Motor is designed for fixed single-phase AC equipment requiring simple structure, stable low-speed output, and cost-efficient continuous or intermittent drive.Multiple motor lengths are available, and the output shaft and motor parameters can be customized for equipment such as BBQ and fireplace mechanisms, meat choppers, western kitchen equipment, vending machines, agricultural equipment, air cleaners, and coffee machines etc.

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Product Overview

The GM60A Series AC Shaded Pole Gear Motor is designed for fixed single-phase AC equipment requiring simple structure, stable low-speed output, and cost-efficient continuous or intermittent drive.Multiple motor lengths are available, and the output shaft and motor parameters can be customized for equipment such as BBQ and fireplace mechanisms, meat choppers, western kitchen equipment, vending machines, agricultural equipment, air cleaners, and coffee machines etc.

Model Information

Model	Motor Type	Product Category
GM60A Series	AC Shaded Pole Motor	AC Shaded Pole Gear Motor

Main Parameters

Electrical & Performance Specifications

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Parameter	Specification	Notes
Working Voltage	AC100V–240V	50Hz–60Hz
Gear Ratio	1:100–1:2000	
Output Speed	1.6–30 RPM	
Output Power	10–100 W	
Output Torque	0.5–16 N·m	
Insulation Grade	Class E / Class B / Class F / Class H	
Safety Certification	CE / UL / cUL / ETL etc.	
Operating Temperature / Humidity	-30°C–180°C / RH 85% Max.	
Service Life	10,000–25,000 Hours	

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Mechanical Specifications

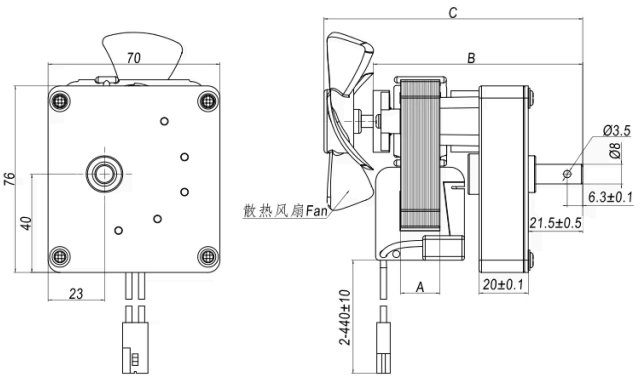
Model	A (mm)	B (mm)	C (mm)

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GM60A-6016#	16	87	104
GM60A-6020#	20	91	108
GM60A-6025#	25	96	113
GM60A-6030#	30	101	118
GM60A-6040#	40	111	128
GM60A-6050#	50	121	138

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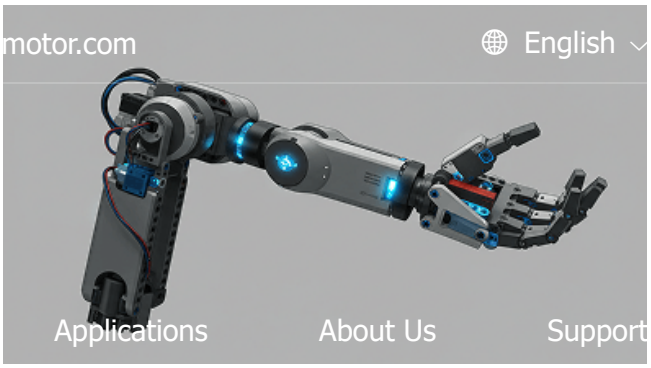
Dimension Drawing



Main Applications

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Industrial Automation

Industrial valves, dampers, gates, low-speed rotary platforms, adjustment mechanisms, and

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Customization Range

- **Electrical Configuration**

  AC100V–240V, 50Hz–60Hz; winding configuration, rotation direction, lead wire, and terminal options can be evaluated according to the project.

- **Performance Matching**

  Gear ratio, output speed, output torque, and motor power can be selected within the series range according to the actual load and duty cycle.

- **Mechanical Interface**

  Output shaft size and geometry can be customized; motor length is available in multiple GM60A variants, and oil-bearing or ball-bearing configurations are listed for matching.

- **Thermal & Protection**

  Validate temperature rise, stall/overload, restart, continuous operating time, and heat dissipation in the complete product; therm protection can be evalu re require

- **Noise & Reliability**

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Optimize magnetic noise, fan/bearing noise, gear meshing, lubrication, mounting resonance, and batch consistency according to the complete equipment.

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FAQ

Q1: What types of projects are best suited to the GM58EM DC Worm Gear Motor?

Yes. Provide the product structure, space, load, and motion requirements, and our engineering team can assist with parameter conversion and solution evaluation.

Q2: What types of projects are best suited to the GM58EM DC Worm Gear Motor?

Q3: What types of projects are best suited to the GM58EM DC Worm Gear Motor?

Q4: What types of projects are best suited to the GM58EM DC Worm Gear Motor?

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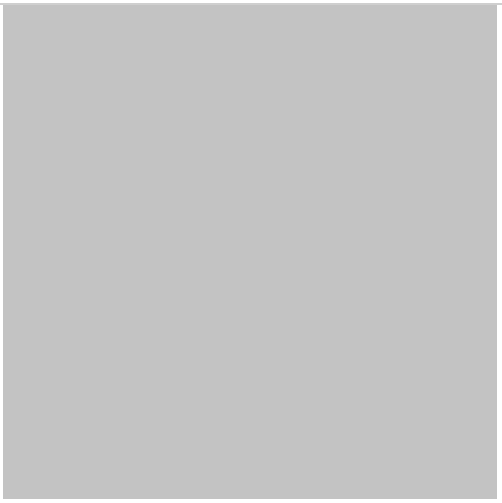
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