60KTYZ

AC SYNCHRONOUS GEAR MOTOR | USER MANUAL

PRODUCT OVERVIEW



60KTYZ

AC Synchronous Gear Motor

Synchronous drive
Built-in gear reduction mechanism.

Reversible rotation
CW/CCW selection by wiring connection.

Low-speed output
5 RPM version described in this manual.

Metal shaft
7 mm diameter; cross-drilled hole.

Flange mount
60 x 60 mm flange with four holes.

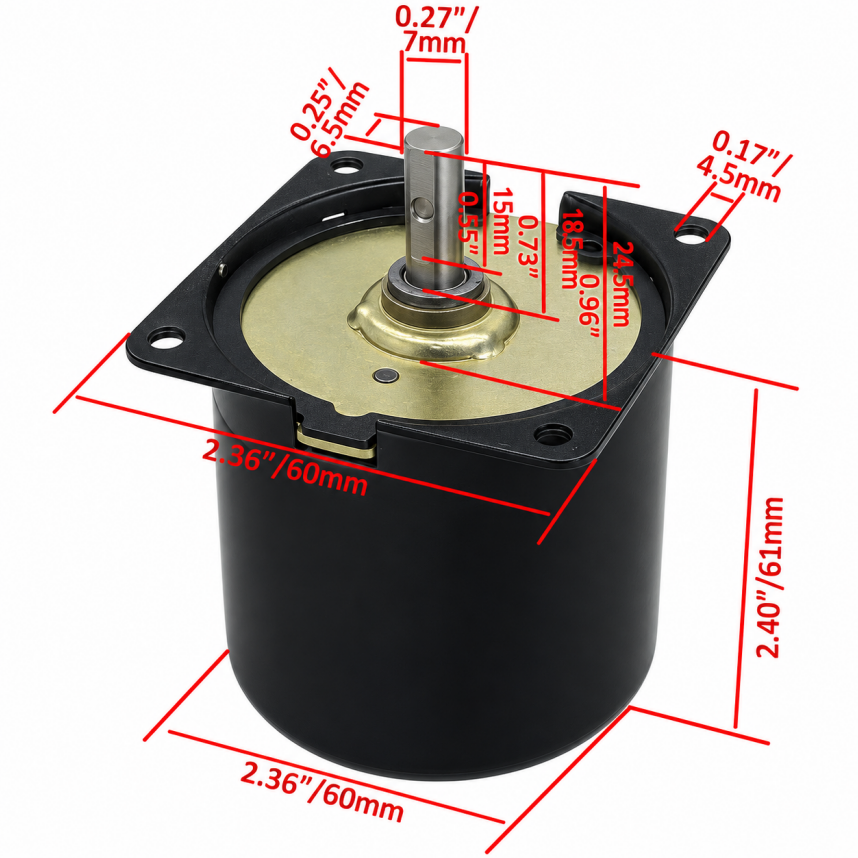
TECHNICAL SPECIFICATIONS

Model	**60KTYZ**
Motor type	**AC synchronous gear motor**
Rated voltage	**AC 110V / 220V (variant dependent)**
Frequency	**50 / 60 Hz**
Rated power	**18 W**
Rated current	**0.11 A**
Output speed	**5 RPM (specified version)**
Torque	**5 - 7.5 kgf.cm**
Rotation direction	**CW / CCW**
Output shaft	**7 mm diameter x 24.5 mm length**

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DIMENSIONS & MOUNTING



Mounting flange:	**60 x 60 mm**	Body diameter / height:	**60 mm / 61 mm**
Mounting hole diameter:	**4.5 mm**	Shaft flat length:	**15 mm**
Shaft hole diameter:	**6.5 mm**	Shaft length:	**24.5 mm**

INSTALLATION & OPERATION

1. Confirm the motor voltage version (110V or 220V AC) before connection.
2. Secure the 60 x 60 mm flange using the four 4.5 mm mounting holes.
3. Couple the driven mechanism to the 7 mm output shaft without misalignment.
4. Connect the power and direction leads according to the wiring of the supplied motor variant.
5. Apply the rated 50/60 Hz AC supply and check the output rotation and load.
6. Switch off power before changing wiring, direction connections, or mechanical setup.

AVAILABLE SPEED SERIES: 1-110 RPM | THIS SPECIFICATION: 5 RPM