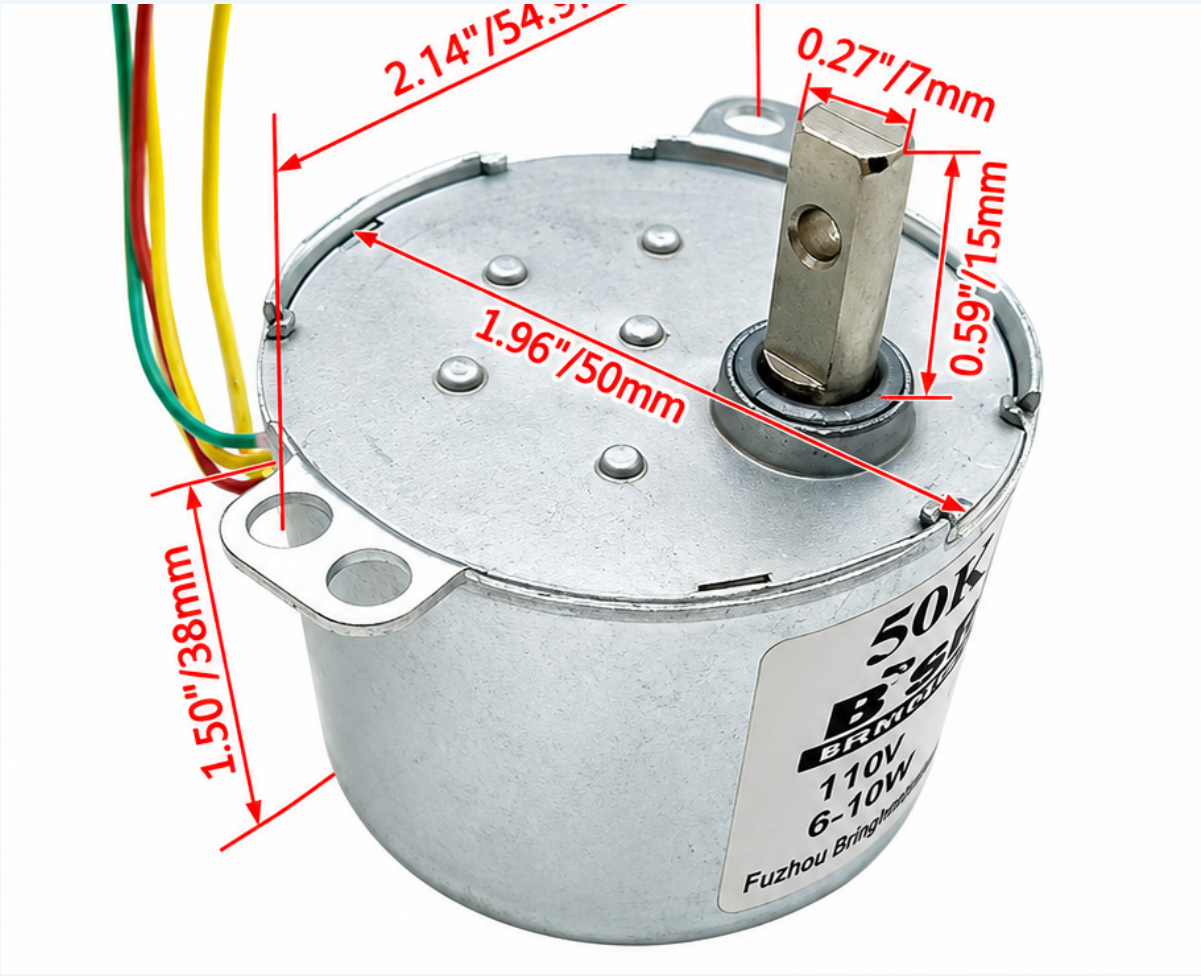
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USER MANUAL

50KTYZ

AC Synchronous Gear Motor

Reversible | Gear-reduced | 7 mm output shaft



MODEL	RATED VOLTAGE	OUTPUT SPEED
50KTYZ	AC 110V / 220V	1-45 RPM

Product overview / Technical specifications / Dimensions / Installation & operation

01 Product Overview

The 50KTYZ is an AC synchronous gear motor with an integrated gear reduction mechanism for low-speed rotary applications. It features a metal housing, mounting tabs and a reversible output direction.

02 Product Features

GEAR-REDUCED DRIVE
Integrated gearing for low-speed rotation.

REVERSIBLE ROTATION
Clockwise (CW) or counterclockwise (CCW) operation.

METAL HOUSING
Cylindrical, durable metal construction.

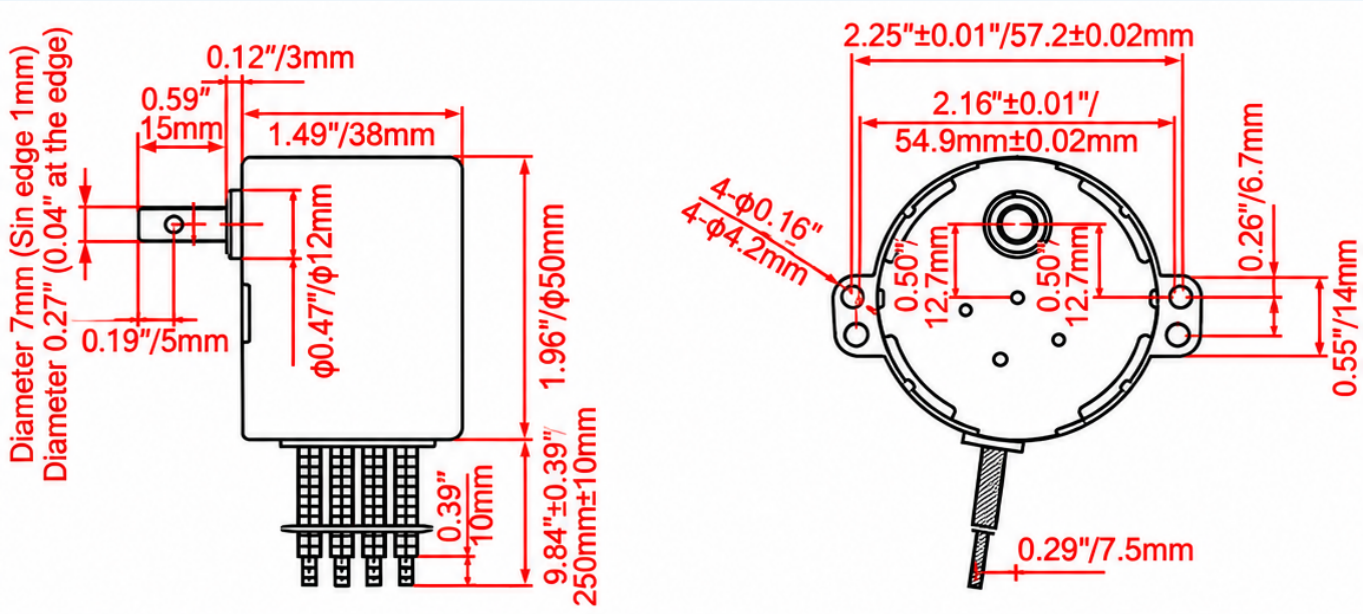
OUTPUT SHAFT
7 mm diameter, 15 mm long; cross hole near shaft end.

MOUNTING TABS
Four mounting holes, each 4.2 mm in diameter.

03 Technical Specifications

Model	50KTYZ
Rated voltage	AC 110V / 220V (model variant)
Frequency	50 / 60 Hz
Rated power	6-10 W
Output speed	1-45 RPM (selected version)
Direction	CW / CCW
Shaft diameter / length	7 mm / 15 mm
Shaft cross-hole position	5 mm from shaft end
Motor body diameter	50 mm
Motor body height	38 mm
Mounting width	57.2 mm
Mounting holes	4 x diameter 4.2 mm
Housing material	Metal

04 Dimensions & Mounting



05 Electrical Leads & Rotation

THREE LEADS

Yellow / Red / Green

Wiring connections select clockwise or counterclockwise rotation.

06 Installation & Operation

1. Verify the rated voltage and output speed of the selected motor variant.
2. Secure the mounting tabs using the 4 x 4.2 mm mounting holes.
3. Couple the driven component to the 7 mm output shaft.
4. Connect the three leads according to the wiring configuration for the required CW or CCW rotation and the specific motor variant.
5. Apply the specified AC supply and check rotation and load movement.

Key dimensions: 50 mm body OD | 38 mm body height | 57.2 mm mount width

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