



## **ORIENTAL MOTOR - 90MM 90W ELECTROMAGNETIC BRAKE MOTOR WITH RIGHT ANGLE SOLID SHAFT GEARBOX**

5RK90GE-AW2MJ+5GE3RA

90MM electromagnetic brake motor 90W 110V lead  
wire 1ph 50/60 Hz + 90MM Right angle solid shaft  
gearbox 3:1

- 1.2 to 20 Nm output torque
- Low noise 4 pole motor
- Power off electromagnetic brake for holding load
- UL, CSA, CE marking
- Voltage options for round the world use.



**Motor & gearhead ship separately.**

### **PRODUCT DESCRIPTION**

Standard induction AC motors from Oriental Motor. Single phase powered, with an power off electromagnetic brake at the rear of the motor for quick stopping and light holding.

With an AC electromagnetic brake which is activated when power is not applied, the motor stops instantaneously and holds the load when the power is removed.

Since the electromagnetic brakes exert holding power even while the power is off, they are highly suitable for use as emergency brakes...

The single phase motor uses a capacitor for start, with options covering many worldwide voltages.

A three-phase motor connects using an inverter drive, for speed control and high-torque available even at low speeds.

These high-performance motors have little speed reduction even under high loads, ensuring that stable speed control is possible

Suitable for short duty over a long life - typically 10,000 hours+ and with a compact construction, they are used on many applications.

Use SB50W brake pack module for full control and implementation into the control circuitry.

Typical uses

- Conveyors
- Packing machines
- Label and printing machines
- Food processing machinery
- Pumps