

Standard AC Motors

Constant Speed Motors

# Synchronous Motors

## Synchronous Motors

Introduction

Induction Motors

Reversible Motors

Electromagnetic Brake Motors

V Series

Clutch & Brake Motors

Synchronous Motors

Low-Speed Synchronous Motors

Waterright Dust-Resistant Motors

Torque Motors

Right-Angle Gearheads

Linear Heads

Brake Pack

Accessories

Installation

# Synchronous Motors

For details on this product please refer to our website, contact technical support or your nearest Oriental Motor sales office.  
www.orientalmotor.com

Synchronous motors provide rotation at a fixed speed in synchronization with the power supply frequency. Suitable for applications where the motor is operated continuously in uni-direction and must be kept at a fixed speed regardless of load fluctuation.



● For detailed product safety standard information including standards, file number and certification body, please visit [www.orientalmotor.com](http://www.orientalmotor.com).



## Product Line

### ● Motor (RoHS)

Output Power	Power Supply Voltage	Motor Model	
		Pinion Shaft Type	Round Shaft Type
4 W (1/190 HP)	Single-Phase 115 VAC	<b>2SK4GN-AUL</b>	<b>2SK4A-AULA</b>
10 W (1/75 HP)	Single-Phase 115 VAC	<b>3SK10GN-AUL</b>	<b>3SK10A-AULA</b>
15 W (1/50 HP)	Single-Phase 115 VAC	<b>4SK15GN-AUL</b>	<b>4SK15A-AULA</b>
25 W (1/30 HP)	Single-Phase 115 VAC	<b>5SK25GN-AUL</b>	<b>5SK25A-AULA</b>

The following items are included in each product.  
Motor, Capacitor, Capacitor Cap, Operating Manual

### ● Parallel Shaft Gearhead (Sold separately)

#### ◇ Long Life, Low Noise **GN-S** Gearhead (RoHS)

Applicable Motor Output Power (Pinion Shaft Type)	Gearhead Model	Gear Ratio
4 W (1/190 HP)	<b>2GN□SA</b>	<b>3, 3.6, 5, 6, 7.5, 9, 12.5, 15, 18, 25, 30, 36, 50, 60, 75, 90, 100, 120, 150, 180</b>
	<b>2GN10XS</b> (Decimal gearhead)	
10 W (1/75 HP)	<b>3GN□SA</b>	<b>3, 3.6, 5, 6, 7.5, 9, 12.5, 15, 18, 25, 30, 36, 50, 60, 75, 90, 100, 120, 150, 180</b>
	<b>3GN10XS</b> (Decimal gearhead)	
15 W (1/50 HP)	<b>4GN□SA</b>	<b>3, 3.6, 5, 6, 7.5, 9, 12.5, 15, 18, 25, 30, 36, 50, 60, 75, 90, 100, 120, 150, 180</b>
	<b>4GN10XS</b> (Decimal gearhead)	
25 W (1/30 HP)	<b>5GN□SA</b>	<b>3, 3.6, 5, 6, 7.5, 9, 12.5, 15, 18, 25, 30, 36, 50, 60, 75, 90, 100, 120, 150, 180</b>
	<b>5GN10XS</b> (Decimal gearhead)	

The following items are included in each product.  
Gearhead, Mounting Screws, Operating Manual

● The following gearheads are also available. For details, please refer to website ([www.orientalmotor.com](http://www.orientalmotor.com)) or contact the nearest Oriental Motor sales office.

Gearhead Type		Gearhead Model	Gear Ratio
Parallel Shaft	(RoHS) <b>GN-K</b> Gearhead	<b>2GN□KA</b>	<b>3~180</b>
		<b>2GN10XK</b> (Decimal gearhead)	
		<b>3GN□KA</b>	<b>3~180</b>
		<b>3GN10XK</b> (Decimal gearhead)	
		<b>4GN□KA</b>	<b>3~180</b>
		<b>4GN10XK</b> (Decimal gearhead)	
		<b>5GN□KA</b>	<b>3~180</b>
		<b>5GN10XK</b> (Decimal gearhead)	

● Enter the gear ratio in the box (□) within the model name.