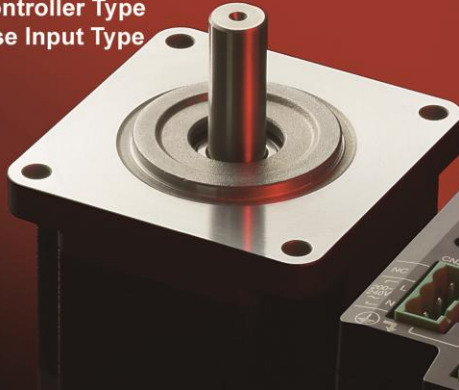


New Releases

RK II Series

New 5-Phase Stepping Motor and Drive Packages

FLEX Built-In Controller Type
Pulse Input Type



BEST
PERFORMANCE & PRICE



Promotion Items

● Gearhead and decimal Gearhead for promotion. Please refer to the available Gear Ratio:

Type	Gearhead Model	Gear Ratio
Long Life, Low Noise, Parallel Shaft	2GN□S	3, 3.6, 5, 7.5, 12.5, 15, 18, 25, 30, 36, 50, 60, 75, 90, 100, 120, 150
	2GN10XS (Decimal gearhead)	
	3GN□S	3, 3.6, 5, 6, 7.5, 9, 12.5, 15, 18, 25, 30, 36, 50, 60, 75, 90, 120, 150, 180
	3GN10XS (Decimal gearhead)	
	4GN□S	3, 3.6, 5, 6, 7.5, 9, 15, 18, 36, 50, 75, 90, 100, 120, 150, 180
	5GN□S	3.6, 5, 6, 7.5, 9, 12.5, 15, 18, 25, 30, 36, 50, 90, 100, 120, 150, 180
	5GN10XS (Decimal gearhead)	
	5GE□S	3.6, 5, 6, 7.5, 9, 12.5, 18, 36, 50, 60, 75, 90, 100, 120, 150, 180
	5GE10XS (Decimal gearhead)	



Parallel Shaft Gearhead



Up to
25%
savings!

*Promotional items are subjected to availability on first come first serve basis.

The Company reserves the right to change these terms and conditions at any time without prior notice.



Stepping Motor and Driver Package

AR Series

FLEX Built-in Controller Type

Pulse Input Type

Up to
15%
savings!

Use our quotation system now to save!



Would you like to get your quotation /
our Motor selection software *online*?



Try our new
service online
now!



Technical Information

Lesson 1

What is a stepping motor?

First of all, a stepping motor is a synchronous motor that converts electrical power into mechanical power. The main difference between them and all other motors is the way it revolved as stepping motors does not continuously rotate! (Currently Orientalmotor latest series AR is able to perform continuously) Instead, they rotated in steps (Just like how a second hand is move for an analogy clock). Each step is a fraction of a full circle and fraction depends mostly from the mechanical parts of the motor, and from the driving method. The stepping motor also performs differently in the way they are powered. Instead of applied an AC or a DC voltage directly, they are driven (Most of the time) with pulses. Each pulse is translated into a degree of rotation. For example, an 1.8° stepping motor (2 phase stepping motor), will revolve its shaft 1.8° on every pulse that received from driver.

Application where we can find stepping motor:

- 1.) Photocopy machine
- 2.) ATM machine
- 3.) Laser marking machine

To be continued

