

I/O Command Type Servo Motor Inherits Strongest Servo Core

MINAS A4P Series



Achieves System Simplification and Cost Reduction

1. Built-in NC Functions

- NC functions allow positioning by I/O command only.
- A target can be positioned (by teaching) without complicated pulse calculations.
- In addition to travel distances, point tables combine 16 types of preset speeds, linear acceleration/deceleration or S-shaped acceleration/deceleration, and 4 types of acceleration and deceleration.
- Two types of continuous operations are available depending on required machine specifications; continuous positioning with a temporary stop at any point and a combined block operation without a temporary stop.
- Sequential operation can be set to execute a maximum of 60 positioning points automatically.
- 8 types of homing operation modes are available. If a bumping homing is selected, simplified return-to-origin can be executed without any origin sensor.

2. Neither a positioning unit nor a pulse generator is required

- A maximum of 60 positioning points can be stored. No complicated programming is required as before.
- Positioning points can be specified as absolute positions or relative positions.
- Positioning can be performed directly at an absolute position without requiring homing operation by using the MINAS A4P as an absolute encoder in combination with a motor equipped with a 17-bit absolute/incremental encoder.