

42mm integrated stepper servo motor

Features :

- Cortex-M4 core high-performance 32-bit microcontroller
- The highest pulse response frequency can reach 200KHz
- Built in protection function, effectively ensuring the safe use of the device
- Intelligent current regulation to reduce vibration, noise, and heat generation
- Adopting low internal resistance MOS, the heating is reduced by 30% compared to ordinary products
- Voltage range: DC12V~36V
- Integrated design with integrated drive motor, easy installation, small footprint, and simple wiring
- Equipped with anti reverse connection function



Communication method:

- Pulse type
- RS485 MODbus RTU network type
- CANopen network type

Protection level:

- Waterproof type: IP30, IP54, IP65, optional

Usage:

- Medical equipment, logistics transportation, industrial automation, textile machinery, laser, drawing, traditional Chinese medicine ingredient industry, etc



Product Selection

Model	step Angle (1.8°)	phase Current (A)	Rated Resistance (Ω)	Rated Torque (N.m)	Total body height L (mm)	Encoder	Control method (optional)		
MKISS42-P01A	1.8	1.3	2.1	0.22	54	1000ppr/17bit	pulse	RS485	CANopen
MKISS42-P02A	1.8	1.68	1.65	0.42	60	1000ppr/17bit	pulse	RS485	CANopen
MKISS42-P03A	1.8	1.68	1.65	0.55	68	1000ppr/17bit	pulse	RS485	CANopen
MKISS42-P04A	1.8	1.7	3	0.8	80	1000ppr/17bit	pulse	RS485	CANopen

This is a representative product, and both the output shaft and parameters can be customized.

Product Outline Drawing

