1FK7060-5AH71-1AH0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7060-5ah71-1ah0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FK7060-5AH71-1AH0
Product Type	Compact Synchronous Servo Motor
Encoder Type	Absolute Encoder
Power Supply Voltage	400 to 480 Volts AC V
Rated Power Output	1.74 kilowatts kW
Maximum Speed	7,200 revolutions per minute RPM
Cooling Method	Naturally Cooled
Protection Rating	IP64
Holding Brake	Built-in

Description

The Siemens 1FK7060-5AH71-1AH0 is a compact synchronous servo motor from the 1FK7 series, designed for precise motion control applications. This model features an absolute encoder system, providing accurate position feedback without the need for a home position.

It operates within a robust power supply range of 400 to 480 volts AC, delivering a rated power output of 1.74 kilowatts and a maximum speed of 7,200 revolutions per minute (RPM). The motor is naturally cooled, ensuring efficient thermal management during operation.

Its protection rating of IP64 indicates resistance to dust and water ingress, making it suitable for various industrial environments. The 1FK7060-5AH71-1AH0 is equipped with a built-in holding brake,

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enhancing safety during operation by preventing unintended movement when the motor is not energized.

This servo motor is ideal for applications requiring high precision and reliability, such as robotics, CNC machinery, and automated production lines.

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