AUTOMATION TRADER

1FK7063-5AF71-1FH0-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7063-5af71-1fh0-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FK7063-5AF71-1FH0-Z
Product Type	Synchronous Servo Motor
Continuous Torque	11 Nm
Maximum Speed	3000 rpm
Power Output	2.29 kW
Cooling Type	Natural Air Cooling
Frame Type	IM B5 (IM V1, IM V3)
Connector Type	Rotatable Power/Signal Connectors
Encoder Type	Absolute Encoder
Encoder Resolution	2048 P/R pulses per revolution
Interface Type	DRIVE-CLIQ

Description

The Siemens 1FK7063-5AF71-1FH0-Z is a compact synchronous servo motor from the SIMOTICS S 1FK7 series, designed for precise motion control in industrial automation applications. This model delivers a continuous torque of 11 Nm and operates at a maximum speed of 3000 rpm, providing a power output of 2.29 kW.

It features natural air cooling and is housed in an IM B5 (IM V1, IM V3) frame, ensuring robust performance in various environments. The power and signal connectors are rotatable by 270°, offering

flexible installation options.

Equipped with an absolute encoder with 2048 pulses per revolution (ENCODER A-2048) and a DRIVE-CLIQ interface, it ensures high-resolution feedback and seamless integration with Siemens drive systems.

The motor includes a holding brake and has a degree of protection IP64, making it suitable for demanding industrial settings. This model is ideal for applications requiring precise positioning and reliable operation, such as robotics, CNC machinery, and automated assembly lines.