1FK7063-5AF71-1KA3

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7063-5af71-1ka3
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous
Continuous Torque	11 Nm
Rated Speed	3000 rpm
Power Output	2.29 kW
Mounting Flange	IM B5 (IM V1, IM V3)
Connector Rotatability	270 degrees
Encoder Type	Basic Absolute Encoder
Encoder Resolution	32 pulses per revolution
Drive Interface	DRIVE-CLiQ
Shaft Type	Plain
Degree of Protection	IP64

Description

The Siemens 1FK7063-5AF71-1KA3 is a compact synchronous servomotor from the SIMOTICS S series, designed for precise motion control applications. This motor delivers a continuous torque of 11 Nm and operates at a rated speed of 3000 rpm, providing a power output of 2.29 kW.

It features natural cooling and is constructed with an IM B5 (IM V1, IM V3) mounting flange, suitable for various industrial setups. The power and signal connectors are rotatable by 270°, offering flexible installation options.

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Equipped with a basic absolute encoder with 32 pulses per revolution and a DRIVE-CLiQ interface, it ensures accurate position feedback. The motor has a plain shaft with a tolerance of N and does not include a holding brake.

With a degree of protection rated at IP64, it is suitable for demanding environments. This motor is ideal for applications requiring high precision and reliability in motion control systems.

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