1FK7063-2AC74-1EH0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7063-2ac74-1eh0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FK7063-2AC74-1EH0
Product Type	Compact Synchronous Servo Motor
Rated Power	1.9 kW
Rated Speed	2000 rpm
Continuous Torque	11 Nm
DC Link Voltage	600 V
Mounting	Flange 1
Encoder Type	Absolute Encoder
Encoder Resolution	2048 S/R
Protection Class	IP64

Description

The Siemens 1FK7063-2AC74-1EH0 is a compact synchronous servo motor from the SIMOTICS S series, designed for high-performance applications requiring precise motion control. With a rated power of 1.9 kW and a rated speed of 2000 rpm, this motor delivers a continuous torque of 11 Nm, making it suitable for tasks demanding consistent and reliable performance.

Operating at a DC link voltage of 600 V, it features a naturally cooled design (IMB 5), ensuring efficient thermal management during operation. The motor is equipped with a flange 1 mounting, a rotatable power connector, and an absolute encoder with a 2048 S/R resolution and 4096 multi-turns,

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providing precise position feedback.

Its smooth shaft with tolerance N and IP64 protection class enhance its durability and adaptability in various industrial environments. This motor is ideal for integration with Siemens SINAMICS drive systems, offering a robust solution for applications such as machine tools, robotics, and automated production lines.

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