1FK7034-5AK71-1LA2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7034-5ak71-1la2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FK7034-5AK71-1LA2
Product Type	Synchronous Servo Motor
Rated Power	0.88 kW
Rated Speed	6000 rpm
Rated Torque	1.4 Nm
Cooling Type	Natural
Motor Type	Three-Phase Synchronous
Encoder System	Incremental Encoder
Shaft Design	Shaft with Fitted Key, Tolerance N
Degree of Protection	IP65, IP67 for Drive End Flange

Description

The Siemens 1FK7034-5AK71-1LA2 is a compact synchronous servo motor from the SIMOTICS S series, designed for precise motion control applications. With a rated power of 0.88 kW and a rated speed of 6000 rpm, it delivers a rated torque of 1.4 Nm.

The motor operates with natural cooling, eliminating the need for external cooling systems. It features a three-phase synchronous design, ensuring efficient and reliable performance. The motor is equipped with an incremental encoder system, providing precise position feedback for accurate control.

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Its robust construction includes a shaft with a fitted key, tolerance N, and a degree of protection rated at IP65, with IP67 for the drive end flange, ensuring durability in various industrial environments.

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

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