1FT7034-5AK71-1NG2-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft7034-5ak71-1ng2-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Speed	6000 rpm
Rated Torque	2 Nm
Rated Power	0.88 kW
Cooling Type	Natural
Drive Compatibility	SINAMICS ALM, BLM/SLM

Description

The Siemens 1FT7034-5AK71-1NG2-Z is a compact synchronous servo motor from the SIMOTICS S-1FT7 series, designed for precise speed and position control in industrial automation applications. This three-phase motor operates at a rated speed of 6,000 rpm and delivers a rated torque of 2 Nm, making it suitable for tasks requiring high-speed performance and consistent torque.

With a rated power of 0.88 kW, it efficiently meets the demands of various automation processes. The motor features natural cooling, ensuring reliable operation without the need for additional cooling systems.

Its robust construction and high-quality materials contribute to its durability and longevity in demanding environments. The 1FT7034-5AK71-1NG2-Z is compatible with Siemens' SINAMICS ALM and BLM/SLM drives, facilitating seamless integration into existing automation systems.

Its compact design allows for flexible installation in space-constrained areas, while its high protection class ensures reliable performance in harsh industrial settings. This motor is ideal for applications requiring precise motion control, such as robotics, conveyor systems, and CNC machinery.

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