AUTOMATION TRADER

1FK7034-5AK71-1UG3

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7034-5ak71-1ug3
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous
Continuous Torque	1.6 Nm
Rated Speed	6000 rpm
Power Output	0.63 kW
Cooling Type	Natural
Connector Type	Rotatable Power/Signal
Encoder Type	Incremental with DRIVE-CLiQ Interface
Shaft Type	Smooth with Tolerance N
Degree of Protection	IP64
Paint Finish	RAL7016

Description

The Siemens 1FK7034-5AK71-1UG3 is a compact synchronous servo motor from the SIMOTICS S 1FK7 series, designed for high-performance applications requiring precise motion control. This motor features a continuous torque of 1.6 Nm at 100,000 rpm, with a rated speed of 6,000 rpm and a power output of 0.63 kW.

It operates with natural cooling, eliminating the need for additional cooling systems. The motor is equipped with a rotatable power/signal connector plug, allowing for flexible installation. An incremental encoder with a DRIVE-CLiQ interface ensures accurate position feedback, enhancing system performance.

The shaft is smooth with a tolerance of N, and the motor does not include a holding brake. With a degree of protection rated at IP64, it is suitable for various industrial environments. The motor's paint finish is RAL7016, providing a durable and aesthetically pleasing appearance.

AUTOMATION TRADER

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