1FK7034-5AK71-1UG5

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7034-5ak71-1ug5
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous
Servo Type	Three-phase servomotor
Continuous Torque	1.6 Nm
Rated Speed	6000 rpm
Power Output	0.63 kW
Cooling Type	Natural
Connector Rotation	270 degrees
Encoder Type	Multi-pole resolver with DRIVE-CLiQ interface
Shaft Type	Plain with tolerance N
Degree of Protection (Motor Housing)	IP65
Degree of Protection (Drive End Flange)	IP67
Paint Finish	RAL7016

Description

The Siemens 1FK7034-5AK71-1UG5 is a compact synchronous servo motor from the SIMOTICS S 1FK7 series, designed for precise motion control applications. This motor delivers a continuous torque of 1.6 Nm and operates at a rated speed of 6000 rpm, providing a power output of 0.63 kW.

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It features natural cooling and is equipped with a power/signal connector that can be rotated by 270°, facilitating flexible installation. The motor utilizes a multi-pole resolver with a DRIVE-CLiQ interface for accurate position feedback.

Its shaft is plain with a tolerance of N, and it does not include a holding brake. The degree of protection is IP65 for the motor housing and IP67 for the drive end flange, ensuring durability in various industrial environments.

The motor is finished with a RAL7016 coating, offering enhanced resistance to environmental factors.