AUTOMATION TRADER

1FK7034-5AK71-1AG2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7034-5ak71-1ag2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous
Servomotor Type	Three-phase servomotor
Series	7
Size	03
Length	4
Cooling Type	Non-ventilated
Encoder Type	Incremental encoder
Encoder Resolution	2048 S/R
Protection Rating	IP65 (motor), IP67 (drive end flange)
Shaft End	Smooth shaft, radial eccentricity N

Description

The Siemens 1FK7034-5AK71-1AG2 is a compact, three-phase synchronous servomotor from the SIMOTICS S series, designed for high-performance applications requiring precise motion control. Operating at a rated speed of 6000 RPM and delivering a continuous torque of 1.6 Nm, this motor is suitable for tasks demanding rapid acceleration and deceleration.

It features a non-ventilated, naturally cooled design, ensuring reliable operation in various industrial environments. The motor is equipped with an incremental encoder providing 2048 signals per revolution, facilitating accurate position feedback.

Its IP65 protection rating, along with an IP67-rated drive end flange, offers enhanced durability against dust and moisture ingress. The shaft end is smooth with a radial eccentricity tolerance of N, and it does not include a holding brake, making it ideal for applications where braking is not required.

This model is part of Siemens' 7th generation of servomotors, reflecting advanced engineering and manufacturing standards.

AUTOMATION TRADER

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