1FK7033-4CK74-1EH0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7033-4ck74-1eh0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Power	0.56 kW
Rated Speed	6000 rpm
Rated Torque	0.9 Nm
Shaft Height	36 mm
Protection Rating	IP64
Temperature Sensor	Pt1000
Encoder Resolution	2048 S/R + 4096 revolutions multi-turn

Description

The Siemens 1FK7033-4CK74-1EH0 is a high-performance synchronous servomotor from the SIMOTICS S-1FK7 series, designed for dynamic motion control applications. This motor offers a rated power of 0.56 kW and operates at a rated speed of 6,000 rpm, delivering a rated torque of 0.9 Nm.

It features a 36 mm shaft height and is naturally cooled with an IP64 protection rating, ensuring durability in various industrial environments. The motor is equipped with a Pt1000 temperature sensor for thermal monitoring and a rotatable absolute encoder with 2048 S/R and 4096 revolutions multi-turn resolution, providing precise position feedback.

Its compact design and high overload capacity make it suitable for applications requiring rapid acceleration and deceleration, such as robotics, CNC machinery, and automated production lines.

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