AUTOMATION TRADER

1FK7043-7AK71-1FH0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7043-7ak71-1fh0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Current	4.4 A
Speed (RPM)	6000 RPM
Cooling Capacity	1.26 KW
Product Type	Motor
Rated Speed	6000 rpm
Rated Torque	2.0 Nm
Rated Current	4.4 A
Cooling Type	Natural Cooling
Construction Standard	IM B5 (V1, V3)

Description

The Siemens 1FK7043-7AK71-1FH0 is a high-performance synchronous servomotor from the SIMOTICS S series, designed for dynamic applications requiring precise control and reliability. Operating at a rated speed of 6,000 RPM, it delivers a rated torque of 2.0 Nm and a rated current of 4.4 A, making it suitable for tasks demanding high-speed operation and consistent performance.

The motor features natural cooling, ensuring efficient thermal management without the need for additional cooling systems. Its construction adheres to the IM B5 (V1, V3) standard, facilitating easy integration into various industrial setups.

The power and signal connectors are rotatable by 270 degrees, offering flexible installation options. The motor is equipped with an incremental encoder system, providing precise feedback for accurate motion control.

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With a shaft height of 48 mm, it is compatible with standard mounting configurations. This servomotor is ideal for applications in robotics, CNC machinery, and other automation systems where high-speed and high-precision performance is essential.

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