1FK7086-4CF71-1RG0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7086-4cf71-1rg0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FK7086-4CF71-1RG0
Product Type	Synchronous Motor
Moc znamionowa	2 kW
Rated Speed	3,000 rpm
Rated Torque	28 Nm
DC Link Voltage	600 V
Cooling Type	Natural Cooling
Encoder System	Absolute Encoder 20-bit + 12-bit Multi-turn
Shaft Type	Plain Shaft with Fitted Key
Protection Class	IP64

Description

The Siemens 1FK7086-4CF71-1RG0 is a high-performance synchronous motor from the SIMOTICS S series, designed for demanding industrial applications requiring precise motion control. This motor features a rated power of 2 kW, a rated speed of 3,000 rpm, and a rated torque of 28 Nm at 100% rated speed.

It operates with a DC link voltage of 600 V and is naturally cooled, ensuring efficient thermal management. The motor is equipped with an absolute encoder system with a 20-bit resolution and a 12-bit multi-turn feature, providing precise position feedback.

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Its robust construction includes a plain shaft with a fitted key, and it has a degree of protection rated at IP64, making it suitable for various industrial environments. The 1FK7086-4CF71-1RG0 is ideal for applications requiring high dynamic performance and reliability.

AUTOMATION TRADER

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