AUTOMATION TRADER

1FK7033-4CK71-1PA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7033-4ck71-1pa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FK7033-4CK71-1PA0
Product Type	Synchronous Motor
Moc znamionowa	0.57 kW
Rated Speed	6000 rpm
Rated Torque	0.9 Nm
DC Link Voltage	600 V
Cooling Type	Natural Cooling
Encoder Type	20-bit single-turn absolute encoder with DRIVE-CLiQ interface
Protection Rating	IP64

Description

The Siemens 1FK7033-4CK71-1PA0 is a high-performance synchronous motor from the SIMOTICS S-1FK7 series, designed for demanding industrial applications requiring precise motion control. This motor features a rated power of 0.57 kW, a rated speed of 6,000 rpm, and a rated torque of 0.9 Nm, ensuring efficient and reliable operation.

It operates at a DC link voltage of 600 V and is naturally cooled, making it suitable for various environments. The motor is equipped with a 20-bit single-turn absolute encoder with a DRIVE-CLiQ interface, providing precise position feedback.

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Its IP64 protection rating ensures durability and resistance to dust and water ingress, enhancing its suitability for industrial settings. The 1FK7033-4CK71-1PA0 is ideal for applications requiring high precision and reliability, such as robotics, CNC machinery, and automated production lines.

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