1FT7062-5WK71-1NH1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft7062-5wk71-1nh1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT7062-5WK71-1NH1
Product Type	Synchronous Servomotor
Rated Torque	9.2 Nm
Rated Speed	6000 rpm
Moc znamionowa	5.8 kW
Maximum Permissible Speed	9000 rpm
Maximum Torque	26 Nm
Encoder Resolution	2048 S/R
Cooling Type	Water-Cooled
Protection Class	IP 67

Description

The Siemens 1FT7062-5WK71-1NH1 is a high-performance synchronous servomotor from the SIMOTICS S-1FT7 series, designed for precise speed and position control in industrial automation applications. This motor features a rated torque of 9.2 Nm at 100 K, a rated speed of 6,000 rpm, and a rated power of 5.8 kW, making it suitable for demanding tasks requiring high torque and speed stability.

It operates efficiently with a maximum permissible speed of 9,000 rpm and can handle a maximum torque of 26 Nm, ensuring reliable performance under varying load conditions. The motor is equipped with a KTY temperature sensor for thermal monitoring and utilizes a rotatable power connector for flexible

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installation.

Its robust design includes an incremental encoder with a 2048 S/R resolution, providing precise feedback for motion control systems. The 1FT7062-5WK71-1NH1 is water-cooled and has a degree of protection IP 67, ensuring durability and protection against environmental factors.

This motor is ideal for applications in robotics, CNC machinery, and other systems requiring high precision and reliability.

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