1FT5066-1AF71-4EH0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5066-1af71-4eh0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT5066-1AF71-4EH0
Motor Type	AC servomotor
DC Link Voltage	600 V
Rated Torque	8.0 Nm
Rated Speed	3000 RPM
Cooling Type	Natural air cooling
Encoder System	Integrated tachogenerator and rotor position encoder
Construction Standard	IM B5 (IM V1, IM V3)
Connector Outlet Direction	Axial at drive end
Prepared for Encoder Mounting	Yes
Ingress Protection Rating	IP64

Description

The Siemens 1FT5066-1AF71-4EH0 is an AC servomotor from the SIMODRIVE 1FT5 series, designed for precise motion control in industrial applications. This motor operates with a DC link voltage of 600 V and delivers a rated torque of 8.0 Nm at a rated speed of 3000 RPM.

It features natural air cooling, ensuring efficient thermal management during operation. The motor is equipped with an integrated tachogenerator and rotor position encoder, providing accurate feedback for precise control.

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Its construction adheres to the IM B5 (IM V1, IM V3) standard, suitable for mounting in various orientations. The power and signal connectors are configured for axial outlet direction at the drive end, facilitating straightforward integration into existing systems.

Additionally, the motor is prepared for encoder mounting, offering flexibility for future upgrades. With an ingress protection rating of IP64, it is well-suited for environments where dust and water resistance are essential.

This motor is ideal for applications requiring high precision and reliability, such as CNC machines, robotics, and automated manufacturing systems.