1FT5064-0AC01-2-Z-250048-08

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5064-0ac01-2-z-250048-08
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Voltage	210 VAC
Continuous Torque	4.5 Nm
Peak Torque	6.8 Nm
Maximum Speed	3000 RPM
Protection Rating	IP64
Cooling Type	Self-cooled
Feedback System	Tachogenerator and Shaft Position Encoder

Description

The Siemens 1FT5064-0AC01-2-Z is a brushless AC servo motor designed for precise motion control applications. Operating at 210 VAC, it delivers a continuous torque of 4.5 Nm and a peak torque of 6.8 Nm, with a maximum speed of 3000 RPM.

The motor features an IP64 protection rating, ensuring resistance to dust and water ingress, and is equipped with a PTC thermistor for thermal protection. Its Class F insulation allows for operation in environments up to 155°C.

The motor is self-cooled and includes a tachogenerator and shaft position encoder for accurate feedback. It is suitable for integration into various industrial automation systems requiring reliable and efficient motion control.

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