1FT5024-0AC01-1-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5024-0ac01-1-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Voltage	210 V DC
Rated Torque	0.40 Nm
Rated Speed	2000 RPM
Cooling Type	Air Cooling
Position Encoder	Shaft-End Position Encoder
Protection Rating	IP64
Mounting Flange	IM B5
Compatible Mounting Standards	IM V1, IM V3

Description

The Siemens 1FT5024-0AC01-1-Z is an AC feed drive motor designed for precise motion control applications. Operating on a DC link of 210 V, it delivers a torque of 0.40 Nm with a rated speed of 2000 RPM.

The motor features air cooling, a tachogenerator, and a shaft-end position encoder, ensuring accurate position feedback. It boasts an IP64 protection rating, making it suitable for industrial environments where dust and water resistance are essential.

The motor is constructed with an IM B5 mounting flange, compatible with IM V1 and IM V3 standards, and is equipped with power and signal connectors for seamless integration into automation systems. This model is ideal for applications requiring reliable and precise motion control in demanding industrial settings.

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