1FT5064-0AK01-1-Z-295434-LV

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5064-0ak01-1-z-295434-lv
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Operating Voltage	210 V DC
Rated Torque	5.5 Nm
Rated Speed	2,000 RPM
Cooling Type	Natural Air Cooling
Enclosure Rating	IP64
Mounting Type	IM B5 (IM V1, IM V3)

Description

The Siemens 1FT5064-0AK01-1-Z is an AC feed drive motor designed for precise motion control in industrial automation applications. Operating with a DC link voltage of 210 V, it delivers a rated torque of 5.5 Nm at a speed of 2,000 RPM, ensuring reliable performance in demanding environments.

The motor features natural air cooling, a tachogenerator, and a shaft position encoder, all housed in an IP64-rated enclosure for protection against dust and water ingress. Its IM B5 mounting type (IM V1, IM V3) allows for versatile installation options.

This motor is ideal for applications requiring high torque and precise speed control, such as CNC machines, robotics, and automated assembly lines.

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