1FT5064-0AG01-9-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5064-0ag01-9-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Voltage	210 V
Rated Torque	5.5 Nm
Rated Speed	4000 RPM
Cooling Type	Air cooling
Feedback System	Tachogenerator and shaft position encoder
Enclosure Rating	IP64
Mounting Type	IM B5 flange (IM V1, IM V3)

Description

The Siemens 1FT5064-0AG01-9-Z is a high-performance AC synchronous motor designed for precision applications requiring reliable and efficient operation. This motor operates with a DC link voltage of 210 V, delivering a rated torque of 5.5 Nm at a rated speed of 4000 RPM.

It features air cooling for optimal thermal management and includes a tachogenerator and shaft position encoder for precise speed and position feedback. The motor is housed in an IP64-rated enclosure, ensuring protection against dust and water ingress, and is mounted with an IM B5 flange (IM V1, IM V3) for versatile installation options.

These specifications make the 1FT5064-0AG01-9-Z motor suitable for demanding industrial automation tasks where accuracy and durability are paramount.

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