1FT5072-0AG01-9-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5072-0ag01-9-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT5072-0AG01-9-Z
Product Type	AC Servo Motor
Rated Speed	2000 rpm
Rated Torque	9.5 Nm
DC Link Voltage	600 V
Tachogenerator	Yes
Shaft Position Encoder	Yes
Protection Class	IP64
Construction Type	IM B5 (IM V1, IM V3)

Description

The Siemens 1FT5072-0AG01-9-Z is a high-performance AC servo motor designed for precision motion control applications. Manufactured by Siemens, a leader in industrial automation, this motor is part of the 1FT5 series, known for its reliability and efficiency.

It features a rated speed of 2000 RPM and a rated torque of 9.5 Nm, making it suitable for tasks requiring consistent and accurate performance. The motor operates with a DC link voltage of 600 V and is equipped with a tachogenerator and shaft position encoder, ensuring precise speed and position feedback.

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Its IP64 protection class and IM B5 (IM V1, IM V3) construction type provide durability and adaptability in various industrial environments. This motor is ideal for integration with Siemens' SIMODRIVE 610 inverters, offering seamless compatibility and enhanced system performance.

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