1FT5073-0AF71-1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5073-0af71-1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Speed	3000 rpm
Rated Torque	7.2 Nm
DC Link Voltage	600 V
Protection Rating	IP64
Construction Type	IM B5 (IM V1, IM V3)

Description

The Siemens 1FT5073-0AF71-1 is a high-performance AC servomotor designed for precision applications requiring reliable and efficient operation. This motor features a rated speed of 3000 RPM and a rated torque of 7.2 Nm at a DC link voltage of 600 V, making it suitable for demanding industrial environments.

It is equipped with a tachogenerator and a shaft position encoder, ensuring accurate speed and position feedback. The motor's IP64 protection rating and IM B5 (IM V1, IM V3) construction type provide robust protection against dust and water ingress, enhancing its durability.

Additionally, the short frame design with power and signal connectors facilitates easy integration into various systems. This motor is ideal for applications in automotive, aerospace, power generation, and electronics sectors, where high precision and reliability are paramount.

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