1FT5044-1AF71-1-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5044-1af71-1-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT5044-1AF71-1-Z
Rated Speed	3000 rpm
Rated Torque	1.9 Nm
Cooling Type	Natural
Protection Rating	IP64
Feedback System	Tachogenerator and Resolver
Mounting Configuration	IM B5 (IM V1, IM V3)

Description

The Siemens 1FT5044-1AF71-1-Z is a high-performance synchronous servo motor designed for precision motion control in industrial automation applications. Operating at a rated speed of 3000 RPM, it delivers a rated torque of 1.9 Nm, ensuring reliable and efficient performance.

The motor is naturally cooled and features an IP64 protection rating, making it suitable for demanding environments. It is equipped with a tachogenerator and resolver for precise feedback, and its construction type is IM B5 (IM V1, IM V3), offering versatility in mounting configurations.

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

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