1FT5066-0AF01-9-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5066-0af01-9-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT5066-0AF01-9-Z
Rated Speed	3000 rpm
Rated Torque	6.1 Nm
Protection Rating	IP64

Description

The Siemens 1FT5066-0AF01-9-Z is a high-performance AC servo motor designed for precision applications in industrial automation systems. Manufactured by Siemens, a global leader in automation technology, this motor offers exceptional reliability and efficiency.

It features a rated speed of 3000 RPM and a rated torque of 6.1 Nm, making it suitable for demanding tasks requiring consistent performance. The motor is equipped with a tachogenerator and a shaft position encoder, ensuring accurate speed and position control.

Its IP64 protection rating provides robust resistance against dust and water ingress, enhancing durability in various industrial environments. The IM B5 (IM V1, IM V3) construction type indicates a flange-mounted design, facilitating easy integration into existing systems.

This servo motor is ideal for applications in robotics, CNC machinery, and other automation processes where precise motion control is essential.

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