1FT5062-0AF01-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5062-0af01-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT5062-0AF01-Z
Product Type	AC Servo Motor
Rated Voltage	230 V
Rated Torque	2.3 Nm
Rated Speed	2000 RPM
Mounting Design	IMB5
Protection Category	IP64
Cooling Method	Naturally Cooled

Description

The Siemens 1FT5062-0AF01-Z is a high-performance AC servo motor designed for precision motion control applications. Manufactured by Siemens, this motor is part of the 1FT5 series, known for its reliability and efficiency in industrial automation systems.

It features a rated voltage of 230 V and delivers a rated torque of 2.3 Nm, making it suitable for tasks requiring consistent and accurate torque output. The motor operates at a rated speed of 2000 RPM, ensuring optimal performance in various applications.

Its construction includes a mounting design of IMB5, providing flexibility in installation. With a protection category of IP64, the motor is well-suited for environments where dust and water resistance are essential.

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The cooling method is naturally cooled, eliminating the need for additional cooling systems and simplifying maintenance. This motor is ideal for applications in robotics, CNC machinery, and other automated systems where precise motion control is critical.

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