AUTOMATION TRADER

1FT5062-1AF71-4AB0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5062-1af71-4ab0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Speed	3000 RPM
Rated Torque	2.3 Nm
DC Link Voltage	600 V
Cooling Type	Naturally cooled
Encoder System	Integrated tachogenerator and rotor position encoder
Shaft and Holding Brake	Smooth shaft without holding brake
Mounting Type	IM B5 (IM V1, IM V3)
Connector Outlet Direction	Axial drive-end
Prepared for Encoder Mounting	Yes

Description

The Siemens 1FT5062-1AF71-4AB0 is an AC servo motor from the 1FT5 series, designed for high-performance motion control applications. It features a rated speed of 3000 RPM and a rated torque of 2.3 Nm, ensuring precise and reliable operation.

The motor operates at a DC link voltage of 600 V and is naturally cooled, making it suitable for various industrial environments. It includes an integrated tachogenerator and rotor position encoder for accurate feedback, and a smooth shaft design without a holding brake.

The motor is constructed in an IM B5 (IM V1, IM V3) mounting type, with an axial drive-end connector outlet direction, and is prepared for encoder mounting. This model is ideal for applications requiring precise speed and torque control, such as robotics, CNC machinery, and automated production lines.