AUTOMATION TRADER

1FT5072-1AC71-3EA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5072-1ac71-3ea0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT5072-1AC71-3EA0
Product Type	AC Servomotor
Rated Speed	2000 rpm
Rated Torque	9.5 Nm
DC Link Voltage	600 V
Cooling Type	Natural
Tachogenerator and Rotor Position Encoder	Yes
Protection Class	IP64
Frame Size	71 mm
Connector Outlet Direction	Axial Non-Drive End
Shaft Design	Fitted Key and Groove

Description

The Siemens 1FT5072-1AC71-3EA0 is a high-performance AC servomotor designed for precision motion control applications. Part of Siemens' 1FT5 series, this motor features a rated speed of 2000 RPM and a rated torque of 9.5 Nm, making it suitable for demanding industrial tasks.

It operates with a DC link voltage of 600 V and utilizes natural cooling, ensuring efficient thermal management. The motor is equipped with a tachogenerator (TG) and a rotor position encoder (RLG),

providing accurate feedback for precise control.

Its construction adheres to the IP64 protection class, offering robust resistance against dust and water ingress. The motor's frame size is 71 mm, and it features an axial non-drive end connector outlet direction, facilitating straightforward integration into various systems.

Additionally, the shaft is designed with a fitted key and groove, enhancing mechanical stability. This motor is ideal for applications requiring reliable and precise motion control, such as robotics, CNC machinery, and automated production lines.

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