1FT6064-1AF71-3AH0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6064-1af71-3ah0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT6064-1AF71-3AH0
Product Type	Synchronous Servomotor
Rated Torque	9.5 Nm
Nominal Speed	3000 rpm
Cooling Type	Natural Air Cooling
Protection Class	IP64
Encoder Type	Incremental Encoder
Encoder Resolution	2048 pulses per revolution
Connector Type	Axial Outlet Direction on Non-Drive End
Holding Brake	Yes

Description

The Siemens 1FT6064-1AF71-3AH0 is a high-performance synchronous servomotor from the SIMOTICS S series, designed for precision motion control applications. This model features a rated torque of 9.5 Nm and operates at a nominal speed of 3000 rpm, providing reliable and efficient performance.

It is naturally cooled and has a protection class of IP64, ensuring durability in various industrial environments. The motor is equipped with an incremental encoder with a sin/cos 1 Vpp signal and a resolution of 2048 pulses per revolution, facilitating precise position feedback.

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The power and signal connectors are configured for axial outlet direction on the non-drive end, and the motor includes a holding brake for enhanced safety during operation. This servomotor is suitable for applications requiring high torque and speed precision, such as robotics, CNC machinery, and automated production lines.

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