1FT6064-6AF71-3AG7

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6064-6af71-3ag7
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous Servomotor
Continuous Torque	9.5 Nm
Rated Speed	3000 rpm
Cooling Method	Natural Air Cooling
Mounting Flange	IM B5

Description

The Siemens 1FT6064-6AF71-3AG7 is a high-performance synchronous servomotor from the SIMOTICS S series, designed for precision motion control applications. This motor delivers a continuous torque of 9.5 Nm and operates at a rated speed of 3000 rpm, making it suitable for demanding industrial environments.

It features natural air cooling and is constructed with an IM B5 mounting flange, ensuring easy integration into various machinery setups. The motor is equipped with an incremental encoder system providing sin/cos 1 Vpp signals, facilitating precise position feedback.

Its smooth shaft design with a circular runout tolerance of N enhances operational stability, while the absence of a holding brake reduces maintenance needs. With a vibration severity grade of N and an IP65 protection rating, the motor is built to withstand harsh conditions, offering reliable performance in diverse industrial applications.

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