1FT6061-6AH71-4EA2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6061-6ah71-4ea2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous Servomotor
Rated Speed	4500 rpm
Continuous Torque	4.0 Nm
Encoder Resolution	2048 pulses per revolution
Cooling System	Natural Air Cooling
Connector Outlet Direction	Axial at Drive End
Protection Class	IP67
Series	1FT6

Description

The Siemens 1FT6061-6AH71-4EA2 is a high-performance synchronous servomotor designed for precision motion control applications. Operating at a rated speed of 4500 rpm, it delivers a continuous torque of 4.0 Nm, making it suitable for tasks requiring consistent and reliable performance.

The motor is equipped with an absolute encoder with a resolution of 2048 pulses per revolution, ensuring accurate position feedback. Its natural air cooling system enhances efficiency and reduces maintenance needs.

The motor features an axial connector outlet direction at the drive end, facilitating straightforward integration into various systems. With a protection class of IP67, it offers robust resistance against dust and water ingress, ensuring durability in demanding environments.

This model is part of Siemens' 1FT6 series, known for their reliability and precision in industrial automation applications.

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