1FT6061-6AH71-3AA2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6061-6ah71-3aa2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT6061-6AH71-3AA2
Product Type	Synchronous Servomotor
Rated Torque	4.0 Nm
Rated Speed	4500 rpm
Cooling Method	Natural Cooling (IM B5)
Encoder Resolution	2048 S/R
Connector Outlet Direction	Axial NDE
Protection Class	IP64

Description

The Siemens 1FT6061-6AH71-3AA2 is a high-performance synchronous servomotor from the SIMOTICS S series, designed for precise motion control in industrial automation applications. This motor features a rated torque of 4.0 Nm and operates at a rated speed of 4500 rpm, making it suitable for applications requiring high torque and speed precision.

It utilizes natural cooling (IM B5) and is equipped with an incremental encoder with a 2048 S/R resolution, ensuring accurate position feedback. The motor's axial NDE connector outlet direction facilitates easy integration into various systems.

With a vibration severity grade of N and a protection class of IP64, the 1FT6061-6AH71-3AA2 is built to withstand demanding industrial environments. Its robust design and reliable performance make it an ideal choice for applications such as robotics, CNC machinery, and automated assembly lines.

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