AUTOMATION TRADER

1FT6064-6AH71-4SG6

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6064-6ah71-4sg6
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Torque	9.5 Nm
Speed	4500 rpm
Cooling Method	Natural air cooling
Encoder Type	Resolver multi-pole
Mounting Type	IM B5
Connector Orientation	Axial at drive end
Shaft Type	Plain shaft
Protection Class	IP68

Description

The Siemens 1FT6064-6AH71-4SG6 is a refurbished SIMOTICS S synchronous servomotor designed for high-performance applications requiring precise motion control. This model features a 9.5 Nm torque output, operates at 4500 rpm, and utilizes natural air cooling for efficient thermal management.

It is equipped with a resolver multi-pole encoder system, ensuring accurate position feedback. The motor's construction adheres to the IM B5 standard, suitable for various mounting configurations. Its axial connector outlet direction at the drive end facilitates straightforward integration into existing systems.

The motor's design includes a plain shaft with a circular runout tolerance of N, without a holding brake, and a vibration severity grade of N, indicating suitability for standard industrial environments.

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Additionally, it boasts a kerosene seal with an IP68 rating, providing robust protection against dust and water ingress, making it ideal for demanding industrial settings.

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