AUTOMATION TRADER

1FT6061-6AF72-4AA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6061-6af72-4aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT6061-6AF72-4AA0
Product Type	Synchronous Servo Motor
Rated Torque	4.0 Nm
Rated Speed	3000 rpm
Continuous Output	1.1 kW
Cooling Method	Natural Cooling
Flange Type	IM B14
Encoder System	Incremental Encoder, 2048 pulses/rev
Shaft End	Feather Key, Circular Runout Tolerance N, No Holding Brake
Protection Class	IP64

Description

The Siemens 1FT6061-6AF72-4AA0 is a SIMOTICS S synchronous servo motor from the 1FT6 series, designed for high-performance applications requiring precise motion control. This motor features a rated torque of 4.0 Nm, a rated speed of 3000 rpm, and a continuous output of 1.1 kW, making it suitable for demanding industrial environments.

It operates with natural cooling and is constructed with an IM B14 flange, ensuring compatibility with various mounting configurations. The motor is equipped with an incremental encoder system providing 2048 pulses per revolution, facilitating accurate position feedback.

Its shaft end includes a feather key and is designed with a circular runout tolerance of N, without a holding brake. The motor is rated for vibration severity grade N and has an IP64 protection class, offering robust protection against dust and water ingress.

These features make the Siemens 1FT6061-6AF72-4AA0 an ideal choice for applications requiring reliable and precise motion control in industrial automation systems.

AUTOMATION TRADER

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