AUTOMATION TRADER

1FT6062-6AC71-4TG0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6062-6ac71-4tg0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous Servomotor
Rated Torque	9.5 Nm
Rated Speed	2000 rpm
Continuous Output Power	1.1 kW
Cooling Method	Natural Air Cooling
Mounting Flange	IM B5 (IM V1, IM V3)
Connector Outlet Direction	Axial NDE
Encoder System	Resolver
Shaft End Design	With Key, Radial Eccentricity Tolerance N
Ingress Protection Rating	IP64

Description

The Siemens 1FT6062-6AC71-4TG0 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 9.5 Nm and operates at a rated speed of 2000 rpm, delivering a continuous output power of 1.1 kW.

It utilizes natural air cooling and is constructed with an IM B5 (IM V1, IM V3) mounting flange, suitable for various installation orientations. The motor is equipped with an axial non-drive end (NDE) connector outlet direction and includes a resolver encoder system for precise position feedback.

The shaft end is designed with a key and exhibits a radial eccentricity tolerance of N, ensuring smooth operation. Additionally, the motor has a vibration severity grade of N and is protected by a labyrinth seal with an IP64 ingress protection rating, safeguarding against dust and water ingress.

This motor is ideal for applications requiring high torque and precise speed control, such as robotics, conveyor systems, and CNC machinery.

AUTOMATION TRADER

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

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