AUTOMATION TRADER

1FT7036-5AK71-1MG0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft7036-5ak71-1mg0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Torque	3 Nm
Rated Speed	6000 rpm
Rated Power	1.07 kW
Number of Poles	6 poles
Cooling Type	Naturally cooled
Encoder Type	Absolute encoder (24 bits + 12-bit multi-turn) with Drive-CLiQ interface
Shaft Type	Smooth shaft
Flange Type	Conventional flange compatible with 1FT6 and 1FK7 series motors
IP Rating	IP65

Description

The Siemens 1FT7036-5AK71-1MG0 is a high-performance synchronous servo motor from the SIMOTICS S-1FT7 series, designed for precise positioning and dynamic response in demanding industrial motion control applications.

This motor features a rated torque of 3 Nm (100 K), a rated speed of 6,000 rpm, and a rated power output of 1.07 kW. It operates with a 6-pole configuration and is naturally cooled, making it suitable for continuous operation.

The motor is equipped with a rotatable absolute encoder (24 bits + 12-bit multi-turn) with a Drive-CLiQ interface, ensuring precise control and integration with Siemens drive systems. Its compact design includes a smooth shaft and a conventional flange compatible with 1FT6 and 1FK7 series

motors, facilitating easy integration into existing setups.

With an IP65 degree of protection and vibration severity grade A, the 1FT7036-5AK71-1MG0 is built to withstand harsh industrial environments, ensuring reliable and efficient performance in various automation tasks.

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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