1FT5066-1AC71-3AG0-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5066-1ac71-3ag0-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Speed	2000 RPM
Rated Torque	6.7 Nm
Rated Current	4.4 A
Cooling Type	Natural
Tachometer Generator and Rotor Position Encoder	Yes
Protection Rating	IP64
Connector Outlet Direction	Axial NDE
Encoder Mounting Preparation	Yes
Shaft Design	Smooth

Description

The Siemens 1FT5066-1AC71-3AG0-Z is a high-performance AC servomotor designed for precision applications requiring reliable and efficient operation. This motor operates at a rated speed of 2000 RPM, delivering a rated torque of 6.7 Nm, and draws a rated current of 4.4 A.

It features natural cooling, ensuring optimal thermal management during operation. The motor is equipped with a tachometer generator (TG) and a rotor position encoder (RLG), providing precise feedback for motion control systems.

Its IP64 protection rating ensures resistance against dust and water ingress, making it suitable for various industrial environments. The motor's design includes an axial non-drive end (NDE) connector outlet direction, facilitating straightforward integration into existing systems.

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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Additionally, it is prepared for encoder mounting, offering flexibility for different application requirements. The smooth shaft design, combined with the absence of a holding brake, makes it ideal for applications where continuous rotation is essential.

This motor is part of Siemens' 1FT5 series, known for their durability and high performance in demanding automation tasks.

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