1FK7101-5AF71-1EG3

Industrial automation components

Add to quote

Ask about this product



Manufacturer	Siemens
Catalog number	1fk7101-5af71-1eg3
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous
Rated Speed	3000 RPM
Rated Output	4.9 kW
Rated Torque	15.5 Nm
Standstill Torque	27 Nm
Rated Current	11.8 A
Encoder Type	Absolute Encoder (EnDat 2048)
Shaft Height	100 mm
Weight	21 kg

Description

The Siemens 1FK7101-5AF71-1EG3 is a compact synchronous servo motor from the SIMOTICS S series, designed for precise motion control in industrial applications. Operating at a rated speed of 3000 RPM, it delivers a rated output of 4.9 kW and a rated torque of 15.5 Nm, with a standstill torque of 27 Nm.

The motor operates on a three-phase system with a rated current of 11.8 A. It features natural cooling and an absolute encoder system (EnDat 2048) for precise position feedback. The motor has a plain shaft with tolerance N and is rated IP64 for protection against dust and water ingress.

Its dimensions include a shaft height of 100 mm, and it weighs approximately 21 kg. This motor is suitable for applications requiring high precision and reliability.

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

Generated on demand. The PDF file is not stored on the server.