1FK7100-2AF74-1AH0

Industrial automation components

Add to quote

Ask about this product



Manufacturer	Siemens
Catalog number	1fk7100-2af74-1ah0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Speed	3000 rpm
Rated Torque	12.0 Nm
Rated Current	8.0 A
Construction Type	IMB 5 (IM V1, IM V3)
Mounting Type	Flange 1
Temperature Sensor	Pt1000
Encoder Type	Incremental Encoder with sin/cos 1 Vpp 2048 S/R
Shaft Height	100 mm
Net Weight	17.6 kg

Description

The Siemens 1FK7100-2AF74-1AH0 is a compact synchronous servomotor from the SIMOTICS S series, designed for high-performance applications requiring precise motion control. Operating at a rated speed of 3000 rpm, it delivers a rated torque of 12.0 Nm and a rated current of 8.0 A.

The motor features natural cooling with an IMB 5 construction type (IM V1, IM V3) and flange 1 mounting, ensuring efficient heat dissipation and reliable operation. It includes a Pt1000 temperature sensor for thermal monitoring and a rotatable incremental encoder with sin/cos 1 Vpp 2048 S/R output, providing precise position feedback.

The motor's shaft height is 100 mm, and it has a net weight of 17.6 kg, making it suitable for applications where space and weight are critical considerations.

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.