AUTOMATION TRADER

1FK7022-5AK74-1TG5

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7022-5ak74-1tg5
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FK7022-5AK74-1TG5
Product Type	Synchronous Servo Motor
Rated Speed	6000 rpm
Rated Torque	0.85 Nm
Power Output	0.38 kW
Cooling Type	Natural Cooling
Construction Type	IMB 5 (IM V1, IM V3)
Mounting Type	Flange 1
Temperature Sensor	Pt1000
Resolver Type	2-pole Rotatable Resolver (P=1)
Connector Rotation	270°

Description

The Siemens 1FK7022-5AK74-1TG5 is a compact synchronous servo motor from the SIMOTICS S-1FK7 series, designed for precise motion control applications. Operating at a rated speed of 6,000 rpm, it delivers a rated torque of 0.85 Nm and a power output of 0.38 kW.

This motor features natural cooling and is housed in an IMB 5 construction (IM V1, IM V3) with flange 1 mounting. It includes a Pt1000 temperature sensor and a 2-pole rotatable resolver (P=1) for enhanced performance.

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The power and signal connectors are rotatable by 270°, offering flexible installation options. With a net weight of approximately 1.8 kg, this motor is suitable for applications requiring high precision and reliability.

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