1FK7040-5AK71-1DG0

Industrial automation components

Add to quote

Ask about this product



Manufacturer	Siemens
Catalog number	1fk7040-5ak71-1dg0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FK7040-5AK71-1DG0
Product Type	Synchronous Servo Motor
Series	1FK7
Rated Torque	1.6 Nm
Rated Speed	6000 rpm
Moc znamionowa	0.69 kW
DC Link Voltage	600 V
Cooling Type	Natural Air Cooling
Frame Size	IM B5 (IM V1, IM V3)
Connector Type	Rotatable Power/Signal Connector Plug
Encoder Type	Incremental Encoder with DRIVE-CLiQ Interface

Description

The Siemens 1FK7040-5AK71-1DG0 is a SIMOTICS S synchronous servo motor from the 1FK7 series, designed for high-performance applications requiring precise motion control. This compact motor delivers a rated torque of 1.6 Nm at a rated speed of 6,000 rpm, with a rated power output of 0.69 kW.

It operates on a 600 V DC link voltage and features natural air cooling, making it suitable for various industrial environments. The motor is constructed with an IM B5 (IM V1, IM V3) frame size and includes a rotatable power/signal connector plug, enhancing installation flexibility.

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.

It is equipped with an incremental encoder with a DRIVE-CLiQ interface, providing 2,048 pulses per revolution for accurate position feedback. The shaft is plain with a tolerance of N, and the motor does not include a holding brake.

With a degree of protection rated at IP64, the 1FK7040-5AK71-1DG0 is built to withstand challenging conditions, ensuring reliable operation in demanding industrial settings.

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.