1FK7022-5AK71-1SG3-Z

Industrial automation components

Add to quote

Ask about this product



Manufacturer	Siemens
Catalog number	1fk7022-5ak71-1sg3-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FK7022-5AK71-1SG3-Z
Motor Type	Synchronous
Series	1FK7
Rated Torque	0.85 Nm
Rated Speed	6000 rpm
Output Power	0.38 kW
Cooling Type	Naturally cooled
Mounting Flange	IM B5 (IM V1, IM V3)
Encoder System	Resolver multi-pole (resolver P=3) with DRIVE-CLiQ interface
Shaft Type	Plain shaft with tolerance N
Holding Brake	Without holding brake

Description

The Siemens 1FK7022-5AK71-1SG3-Z is a compact synchronous servomotor from the 1FK7 series, designed for precise and dynamic motion control in industrial automation applications. This motor features a rated torque of 0.85 Nm at 100,000 rpm and operates at a rated speed of 6,000 rpm, delivering a continuous output power of 0.38 kW.

It is naturally cooled and constructed with an IM B5 (IM V1, IM V3) mounting flange, ensuring versatile installation options. The motor is equipped with a resolver multi-pole encoder system

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.

(resolver P=3) with a DRIVE-CLiQ interface, providing reliable feedback for motion control.

Its plain shaft with tolerance N and absence of a holding brake contribute to its compact design. With a degree of protection IP64 and a paint finish in RAL7016, the motor is suitable for various industrial environments.

This model is ideal for applications requiring high precision and dynamic performance, such as robotics, CNC machinery, and automated production lines.