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1FK7060-2AF71-1CG1-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7060-2af71-1cg1-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FK7060-2AF71-1CG1-Z
Product Type	Synchronous Servo Motor
Rated Power	1.5 kW
Rated Torque	6 Nm
Rated Speed	3000 rpm
Cooling Type	Natural Cooling
Encoder Type	Absolute Encoder AM24DQI
Shaft Type	Smooth Shaft (Tolerance N)
Protection Class	IP65

Description

The Siemens 1FK7060-2AF71-1CG1-Z is a high-performance synchronous servo motor from the SIMOTICS S-1FK7 series, designed for precision motion control applications. With a rated power of 1.5 kW and a rated torque of 6 Nm, it operates efficiently at a rated speed of 3,000 rpm.

This motor features a naturally cooled design (IMB 5), ensuring reliable performance in various industrial environments. It is equipped with a rotatable power connector and an absolute encoder (AM24DQI) with a 24-bit single-turn and 12-bit multi-turn resolution, providing precise position feedback.

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The motor's smooth shaft (tolerance N) and IP65 protection class make it suitable for demanding applications requiring high durability and accuracy.

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