1FK7060-2AH71-1CG0-HPG-32A-11-BL3-FO-E241

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7060-2ah71-1cg0-hpg-32a-11-bl3-fo-e241
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Power	1.7 kW
Rated Torque	6 Nm
Rated Speed	4500 RPM
Cooling Type	Naturally cooled
Mounting Type	Flange 1
Encoder Type	Rotatable absolute encoder (24-bit + 12-bit multi-turn) with DRIVE-CLiQ interface (AM24DQI)
Shaft Type	Smooth shaft, tolerance N
Protection Class	IP64

Description

The Siemens 1FK7060-2AH71-1CG0 is a high-performance synchronous motor designed for precision applications in industrial automation. With a rated power of 1.7 kW and a rated torque of 6 Nm, it operates efficiently at a rated speed of 4500 RPM.

This motor features a naturally cooled design (IMB 5), flange 1 mounting, and a rotatable absolute encoder (24-bit + 12-bit multi-turn) equipped with a DRIVE-CLiQ interface (AM24DQI). The smooth shaft, tolerance N, and IP64 degree of protection ensure durability and reliability in demanding environments. This motor is ideal for applications requiring precise control and high torque output.

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