1FK7060-2AH71-1CH0-HPG-32A-05-BL3-FO-E241

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7060-2ah71-1ch0-hpg-32a-05-bl3-fo-e241
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous Servo Motor
Rated Speed	4,500 rpm
Rated Torque	3.7 Nm
Encoder Type	24-bit single-turn and 12-bit multi-turn absolute encoder with DRIVE-CLiQ interface
Cooling Type	Naturally cooled (IMB 5)
Protection Class	IP64
Shaft Type	Smooth shaft, tolerance N
Holding Brake	Included

Description

The Siemens 1FK7060-2AH71-1CH0 is a high-performance synchronous servo motor from the SIMOTICS S-1FK7 series, designed for precision motion control applications. Operating at a rated speed of 4,500 rpm and delivering a rated torque of 3.7 Nm, it ensures efficient and reliable performance in demanding industrial environments.

The motor features a 24-bit single-turn and 12-bit multi-turn absolute encoder with a DRIVE-CLiQ interface, providing precise position feedback. Its naturally cooled design (IMB 5) and IP64 degree of protection make it suitable for various industrial settings.

The motor is equipped with a smooth shaft, tolerance N, and includes a holding brake, enhancing its versatility and safety in operation.

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