1FK7060-2AH71-1AH0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7060-2ah71-1ah0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous motor
Servomotor Type	Three-phase servomotor
Series	7
Frame Size	06
Cooling Type	Natural cooling

Description

The Siemens 1FK7060-2AH71-1AH0 is a high-performance three-phase synchronous servomotor 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 6 Nm, it ensures efficient and reliable performance in demanding industrial environments.

The motor features natural cooling and is housed in a compact frame size 06 with a smooth shaft end, radial eccentricity N, and an integrated holding brake, providing enhanced safety and operational stability.

Its robust construction includes a degree of protection IP64, safeguarding against dust and water ingress. The motor is equipped with an incremental encoder system, sin/cos 1 Vpp (I–2048), facilitating precise position feedback without the DRIVE-CLiQ interface.

With a DC link voltage of 600V, it is suitable for integration into various automation systems requiring high torque and speed precision.

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