1FK7060-2AF71-1AG0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7060-2af71-1ag0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FK7060-2AF71-1AG0
Product Type	Synchronous Motor
Rated Power	1.5 kW
Rated Speed	3000 rpm
Rated Torque	4.7 Nm
Degree of Protection	IP64
Encoder Type	Absolute Encoder with DRIVE-CLiQ Interface
Flange Size	IMB 5 (IM V1, IM V3)
Shaft Type	Smooth Shaft with Tolerance N

Description

The Siemens 1FK7060-2AF71-1AG0 is a SIMOTICS S synchronous motor from the 1FK7-CT series, designed for high-performance applications requiring precise motion control. This motor offers a rated power of 1.5 kW and operates at a rated speed of 3,000 rpm, delivering a rated torque of 4.7 Nm.

It features a naturally cooled design with a degree of protection IP64, ensuring durability and reliability in various industrial environments. The motor is equipped with a rotatable power connector and an absolute encoder with a DRIVE-CLiQ interface, facilitating seamless integration into automation systems.

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Its flange size is IMB 5 (IM V1, IM V3), and it has a smooth shaft with a tolerance of N, without a holding brake. The motor operates at a rated voltage of 600 V DC and has a rated current of 3.7 A. With a moment of inertia of 7.700 kg·cm² and an efficiency of 90.0%, it provides optimal performance for demanding applications.

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