1FK7060-2AH71-1CH0-AD110-P1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7060-2ah71-1ch0-ad110-p1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FK7060-2AH71-1CH0
Product Type	Synchronous Motor
Rated Power	1.7 kW
Rated Speed	4500 rpm
Rated Torque	6 Nm
Voltage	600 V DC
Encoder	AM24DQI
Encoder Resolution	24-bit single-turn, 12-bit multi-turn
Shaft Design	Smooth shaft, tolerance N
Holding Brake	Yes
Protection Class	IP64

Description

The Siemens 1FK7060-2AH71-1CH0 is a SIMOTICS S synchronous motor designed for high-performance applications requiring precise control and reliability. This motor delivers a rated power of 1.7 kW at a nominal speed of 4,500 rpm, with a rated torque of 6 Nm.

It operates at a DC voltage of 600 V and features natural cooling, making it suitable for various industrial environments. The motor is equipped with a rotatable absolute encoder (AM24DQI) offering 24-bit single-turn and 12-bit multi-turn resolution, ensuring accurate position feedback.

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Its smooth shaft design with tolerance N and holding brake enhances operational stability. With an IP64 degree of protection, the motor is well-suited for demanding applications where durability and precision are paramount.

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