1FK7060-2AH71-1EH0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7060-2ah71-1eh0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Speed	4500 rpm
Rated Torque	3.7 Nm
DC Link Voltage	600 V
Encoder System	Absolute value encoder EnDat (A–2048) without DRIVE-CLiQ interface
Construction Standard	IM B5 (IM V1, IM V3)
Degree of Protection	IP 64

Description

The Siemens 1FK7060-2AH71-1EH0 is a high-performance three-phase synchronous servomotor from the SIMOTICS S-1FK7 series, designed for precision applications requiring reliable and efficient operation.

This motor features a rated speed of 4,500 rpm and a rated torque of 3.7 Nm, making it suitable for tasks demanding consistent performance. It operates at a DC link voltage of 600 V and is naturally cooled, ensuring optimal thermal management during operation.

The motor is equipped with an absolute value encoder EnDat (A–2048) without the DRIVE-CLiQ interface, providing precise position feedback. Its construction adheres to the IM B5 (IM V1, IM V3) standard, and it boasts a degree of protection IP 64, ensuring durability and protection against dust and water ingress.

The 1FK7060-2AH71-1EH0 is ideal for applications in automation systems, robotics, and other industrial settings where high precision and reliability are paramount.

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