1FK7034-5AK71-1DA2-WPLE-60

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7034-5ak71-1da2-wple-60
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous
Rated Power	0.63 kW
Rated Speed	6000 RPM
Encoder Type	Incremental
Encoder Resolution	2048 pulses/rev
Interface	DRIVE-CLiQ
Shaft Type	Feather Key
Protection Class	IP65
Paint Finish	RAL7016

Description

The Siemens 1FK7034-5AK71-1DA2 is a SIMOTICS S synchronous servo motor designed for high-performance applications requiring precise motion control. This compact, naturally cooled motor delivers a rated power of 0.63 kW and operates at a rated speed of 6000 RPM, making it suitable for various industrial automation tasks.

It features an incremental encoder with 2048 pulses per revolution (I-2048) and a DRIVE-CLiQ interface, ensuring seamless integration with Siemens drive systems. The motor's shaft is equipped with a feather key, and it has a degree of protection rated at IP65, providing robust protection against dust and water ingress.

Additionally, the motor is painted in RAL7016, offering enhanced durability and aesthetic appeal. This model is ideal for applications requiring high-speed, precise motion control in compact spaces.

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