1FK7060-5AF71-1TA3-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7060-5af71-1ta3-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Torque	6.0 Nm
Rated Speed	3000 rpm
Rated Power	1.48 kW
Encoder Type	Incremental
Encoder Resolution	2048 pulses per revolution
Holding Brake	Yes
Degree of Protection	IP65
Mounting Type	Flange
Shaft Type	Fitted Key

Description

The Siemens 1FK7060-5AF71-1TA3-Z is a compact synchronous servomotor from the SIMOTICS S series, designed for precise motion control in industrial applications. This motor features a rated torque of 6.0 Nm at 100 K, a rated speed of 3000 rpm, and a rated power of 1.48 kW.

It operates with natural cooling and is equipped with an incremental encoder providing 2048 pulses per revolution, ensuring accurate position feedback. The motor includes a holding brake for enhanced safety and has a degree of protection IP65, making it suitable for demanding environments.

Its flange design allows for flexible mounting options, and the shaft comes with a fitted key for secure coupling. This model is ideal for applications requiring high precision and reliability.

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