1FT7064-5AF71-1FH2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft7064-5af71-1fh2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT7064-5AF71-1FH2
Product Type	Synchronous Motor
Rated Speed	3000 rpm
Rated Torque	7.6 Nm
Rated Current	5.2 A
Static Torque (100 K)	9.0 Nm
Encoder Type	Rotatable Absolute Value Encoder
Encoder Resolution	24-bit Single-Turn
Protection Class	IP67
Cooling Type	Natural Cooling
Shaft Height	63 mm

Description

The Siemens 1FT7064-5AF71-1FH2 is a high-performance synchronous motor from the SIMOTICS S-1FT7 series, designed for demanding industrial applications requiring precise motion control. This motor features a rated speed of 3,000 rpm and a rated torque of 7.6 Nm, ensuring reliable and efficient operation.

It operates with a rated current of 5.2 A and offers a static torque of 9.0 Nm at 100 K. The motor is equipped with a rotatable absolute value encoder with a 24-bit single-turn resolution and a

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Drive-CLiQ interface, facilitating seamless integration into Siemens drive systems.

Its natural cooling design and IP67 protection class make it suitable for various industrial environments. The motor's compact design with a shaft height of 63 mm and compatibility with conventional flanges (IM B5) allows for flexible installation options.

With a net weight of approximately 11.4 kg, the 1FT7064-5AF71-1FH2 combines performance and versatility for demanding automation tasks.

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