1FT7108-5AC71-1BA2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft7108-5ac71-1ba2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT7108-5AC71-1BA2
Product Type	Synchronous Motor
Rated Torque	70 Nm
Rated Speed	2,000 rpm
Moc znamionowa	10.5 kW
Number of Poles	10 poles
Cooling Type	Naturally Cooled
Flange Type	Conventional Flange
Power Connector	Rotatable
Encoder Type	Incremental Encoder with DRIVE-CLIQ Interface
Shaft Type	Plain Shaft with Fitted Key

Description

The Siemens 1FT7108-5AC71-1BA2 is a SIMOTICS S synchronous motor from the 1FT7 series, designed for high-performance applications requiring precise control and reliability. This motor features a rated torque of 70 Nm at 100 K, a rated speed of 2,000 rpm, and a rated power output of 10.5 kW.

It operates with a 10-pole configuration, ensuring smooth and efficient operation. The motor is naturally cooled and comes with a conventional flange compatible with 1FT6/1FK7 series, facilitating easy integration into existing systems.

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It includes a rotatable power connector and an incremental encoder with a 2,048 S/R resolution and DRIVE-CLIQ interface, enhancing its adaptability and performance. The shaft is fitted with a key and equipped with a holding brake, providing additional safety and control.

With an IP 64 degree of protection, this motor is suitable for various industrial environments, offering durability and consistent performance.