1FT5066-0AC71-1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5066-0ac71-1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Voltage	600 V DC
Rated Speed	2000 RPM
Rated Torque	8.0 Nm
Mounting Design	IM B5 (IM V1, IM V3)
Protection Category	IP64
Cooling Method	Air-Cooled
Operating Temperature Range	0°C to 40°C
Maximum Altitude	1000 meters above sea level m

Description

The Siemens 1FT5066-0AC71-1 is a high-performance AC servo motor from Siemens' 1FT5 series, engineered for precision control in industrial automation applications. Operating at a rated voltage of 600 V DC, it delivers a rated torque of 8.0 Nm and achieves a rated speed of 2000 RPM, making it suitable for tasks requiring consistent and reliable motion control.

Designed with a signal connector for efficient communication, it features an IM B5 mounting design (IM V1, IM V3), facilitating straightforward integration into various setups. The motor boasts an IP64 protection category, ensuring robust resistance against dust and moisture, thereby enhancing its durability in demanding environments.

Cooling is achieved through an air-cooled method, maintaining optimal performance levels. It operates effectively within a temperature range of 0°C to 40°C and can function at altitudes up to 1000 meters above sea level.

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This servo motor exemplifies Siemens' commitment to producing robust and dependable components for automation systems.

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