AUTOMATION TRADER

1FT6086-8AC71-3AG0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6086-8ac71-3ag0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous Servomotor
Continuous Torque	27 Nm
Rated Speed	2000 rpm
Power Output	4.7 kW
Cooling Method	Natural Air Cooling

Description

The Siemens 1FT6086-8AC71-3AG0 is a high-performance synchronous servomotor from the SIMOTICS S series, designed for demanding industrial applications requiring precise motion control. This motor delivers a continuous torque of 27 Nm and operates at a rated speed of 2000 rpm, making it suitable for tasks that demand consistent and reliable performance.

With a power output of 4.7 kW, it provides ample energy for various automation processes. The motor features natural air cooling, ensuring efficient thermal management without the need for additional cooling systems.

Its construction adheres to the IM B5 standard, suitable for flange mounting, and includes an incremental encoder with a sin/cos 1 Vpp signal, offering precise position feedback. The motor's design also incorporates a smooth shaft with a circular runout tolerance of N, ensuring minimal vibration and noise during operation.

Additionally, it is equipped with a labyrinth seal (IP64) to protect against dust and water ingress, enhancing its durability in industrial environments. This motor is ideal for applications in automation systems, robotics, and other machinery requiring precise and reliable motion control.

AUTOMATION TRADER

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