AUTOMATION TRADER

1FT6086-8AF71-1TB0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6086-8af71-1tb0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Nominal Torque	27 Nm
Rated Speed	3000 rpm
Mounting Type	IM B5 (IM V1, IM V3) –
Encoder Type	Incremental Encoder –
Encoder Resolution	2048 p/r
Holding Brake	Yes –
Protection Class	IP64 –

Description

The Siemens 1FT6086-8AF71-1TB0 is a synchronous servomotor from the SIMOTICS S series, designed for high-performance applications requiring precise motion control. This motor offers a nominal torque of 27 Nm and operates at a rated speed of 3000 rpm, making it suitable for various industrial automation tasks.

It features natural cooling and is constructed with an IM B5 (IM V1, IM V3) mounting type, ensuring versatility in installation. The motor is equipped with an incremental encoder with sin/cos 1 Vpp 2048 p/r (encoder I-2048), providing accurate position feedback.

Additionally, it includes a holding brake and has a vibration severity grade of N, indicating low vibration levels during operation. The motor is sealed with a labyrinth seal (IP64), offering protection against dust and water ingress.

These specifications make the 1FT6086-8AF71-1TB0 motor a reliable choice for demanding automation applications.

AUTOMATION TRADER

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