1FT6084-8WF71-3AH1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6084-8wf71-3ah1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Continuous Torque	35 Nm
Rated Speed	3000 rpm
Cooling Method	Natural cooling
Protection Rating	IP65
Encoder Type	Incremental sin/cos 1 Vpp 2048 S/R
Holding Brake	Yes
Connector Outlet Direction	Axial NDE

Description

The Siemens 1FT6084-8WF71-3AH1 is a high-performance synchronous servomotor from the SIMOTICS S series, designed for precision motion control applications. This motor delivers a continuous torque of 35 Nm and operates at a rated speed of 3000 rpm, ensuring efficient and reliable performance in demanding industrial environments.

It features natural cooling and an IP65 protection rating, making it suitable for various applications requiring robust and durable equipment. The motor is equipped with an incremental sin/cos 1 Vpp 2048 S/R encoder, providing precise feedback for accurate position and speed control.

Additionally, it includes a holding brake, enhancing safety and stability during operation. The axial non-drive-end connector outlet direction facilitates straightforward integration into existing systems.

With its advanced features and reliable performance, the Siemens 1FT6084-8WF71-3AH1 servomotor is an excellent choice for applications requiring high torque and precision.

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