1FT6064-6AF71-3EG1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6064-6af71-3eg1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous Servo Motor
Rated Torque	9.5 Nm
Rated Speed	3000 rpm
Cooling Type	Natural Air Cooling
Enclosure Rating	IP65

Description

The Siemens 1FT6064-6AF71-3EG1 is a SIMOTICS S synchronous servo motor from the 1FT6 series, designed for high-performance applications requiring precise motion control. This motor delivers a rated torque of 9.5 Nm at a rated speed of 3000 rpm, making it suitable for demanding industrial tasks.

It features natural air cooling and an IP65 enclosure, ensuring reliable operation in various environments. The motor is equipped with an absolute encoder (EnDat 2048 S/R), providing precise position feedback for enhanced control.

Its IM B5 (IM V1, IM V3) mounting configuration allows for flexible integration into different systems. The axial NDE (non-drive end) connector outlet direction facilitates straightforward wiring and installation.

With a net weight of approximately 12.5 kg, this motor offers a robust solution for applications requiring high torque and speed precision.

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