1FT6064-6AF71-3AG2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6064-6af71-3ag2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT6064-6AF71-3AG2
Product Type	Synchronous Servomotor
Rated Torque	9.5 Nm
Rated Speed	3000 rpm
Cooling Method	Natural Cooling
Encoder Type	Incremental Encoder
Encoder Resolution	2048 S/R
Construction Standard	IM B5 (IM V1, IM V3)
Connector Outlet Direction	Axial NDE
Shaft End	Feather Key
Shaft Seal	Radial Shaft Seal

Description

The Siemens 1FT6064-6AF71-3AG2 is a synchronous servomotor from the SIMOTICS S series, designed for high-performance applications requiring precise motion control. This motor features a rated torque of 9.5 Nm, a rated speed of 3000 rpm, and operates with natural cooling, making it suitable for various industrial automation tasks.

It is equipped with an incremental encoder with a 2048 S/R resolution, ensuring accurate position feedback. The motor's construction adheres to the IM B5 (IM V1, IM V3) standard, with an axial NDE

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connector outlet direction, facilitating easy integration into existing systems.

The shaft end includes a feather key with a circular runout tolerance of N, and it does not have a holding brake. The motor is rated with vibration severity grade N and features a radial shaft seal with an IP67 protection class, ensuring durability and reliability in demanding environments.