1FT6064-6AF71-4EA2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6064-6af71-4ea2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Continuous Torque	9.5 Nm
Rated Speed	3000 rpm
Mounting Flange	IM B5
Encoder Type	Absolute Encoder (EnDat 2048 S/R)
Interface	DRIVE-CLiQ
Shaft Design	Smooth Shaft
Protection Class	IP65

Description

The Siemens 1FT6064-6AF71-4EA2 is a high-performance synchronous servomotor from the SIMOTICS S series, designed for precision motion control applications. This motor delivers a continuous torque of 9.5 Nm and operates at a rated speed of 3000 rpm, making it suitable for demanding industrial tasks requiring reliable and efficient performance.

It features natural cooling and is constructed with an IM B5 mounting flange, ensuring easy integration into various machinery setups. The motor is equipped with an absolute encoder (EnDat 2048 S/R) and a DRIVE-CLiQ interface, facilitating seamless communication with Siemens drive systems.

Its smooth shaft design, combined with a circular runout tolerance of N, ensures minimal vibration and enhanced operational stability. The motor is rated with a vibration severity grade of N and is protected by a gamma sealing ring (IP65), providing robust protection against environmental factors.

This motor is ideal for applications in automation, robotics, and other sectors where precise and reliable motion control is essential.

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