1FT6034-4AK71-3EA1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6034-4ak71-3ea1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Manufacturer	Siemens
Part Number	1FT6034-4AK71-3EA1
Product Type	Synchronous Servomotor
Continuous Torque	2.0 Nm
Maximum Speed	6000 RPM
Power Output	0.88 kW
Cooling Type	Natural Air Cooling
Protection Rating	IP65
Encoder Type	Absolute Encoder (EnDat 2048 S/R)
Connector Outlet Direction	Axial
Dimensions	29 x 12 x 8 cm
Weight	4.405 kg

Description

The Siemens 1FT6034-4AK71-3EA1 is a SIMOTICS S synchronous servomotor from the 1FT6 series, designed for precise motion control in industrial applications. This motor delivers a continuous torque of 2.0 Nm and operates at a maximum speed of 6,000 RPM, providing a power output of 0.88 kW.

It features natural air cooling and is rated for IP65 protection, ensuring durability in various industrial environments. The motor is equipped with an absolute encoder (EnDat 2048 S/R), offering high-resolution feedback for accurate position sensing.

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Its axial connector outlet direction facilitates straightforward integration into existing systems. The motor's dimensions are 29 cm in length, 12 cm in height, and 8 cm in width, with a weight of approximately 4.405 kg.

This model is suitable for applications requiring reliable and precise motion control, such as CNC machinery, robotics, and automated production lines.

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