1FT5064-0AG71-1-Z-1FT50640AG71 1Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5064-0ag71-1-z-1ft50640ag711z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Permanent Magnet AC Servomotor
DC Link Voltage	600 V
Power Output	1.55 kW
Continuous Torque	3.7 Nm
Rated Speed	4000 RPM
Thermal Rise	60/100 K
Rated Current	5.6/6.9 A
Protection Rating	IP64

Description

The Siemens 1FT5064-0AG71-1-Z is a 3-phase, permanent-magnet AC servomotor designed for precise motion control applications. Operating with a DC link voltage of 600V, it delivers an estimated power output of 1.55 kW and a continuous torque of 3.7 Nm at a rated speed of 4000 RPM.

The motor features a thermal rise of 60/100K, ensuring reliable performance under varying thermal conditions. It operates with a rated current of 5.6/6.9 A and includes a tachogenerator and shaft position encoder for enhanced feedback and control.

The motor is equipped with natural cooling and has an IP64 protection rating, making it suitable for demanding industrial environments. The standard configuration includes a power and signal connector, with options for different mounting arrangements (IM B5, IM V1, IM V3).

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This servomotor is ideal for applications requiring high precision and reliability in motion control systems.

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