1FT6084-1AF71-4EG1-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6084-1af71-4eg1-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous Servo Motor
Rated Torque	20 Nm
Rated Speed	3000 rpm
Cooling Method	Natural Air Cooling
Protection Rating	IP65
Encoder Type	Absolute Encoder (EnDat 2048 S/R)
Connector Outlet Direction	Axial
Holding Brake	Without

Description

The Siemens 1FT6084-1AF71-4EG1-Z is a high-performance synchronous servo motor from the SIMOTICS S series, designed for precise motion control in industrial automation applications. This model features a rated torque of 20 Nm and operates at a speed of 3000 rpm, ensuring efficient and reliable performance.

It utilizes natural air cooling and is rated IP65 for protection against dust and water ingress, making it suitable for demanding environments. The motor is equipped with an absolute encoder (EnDat 2048 S/R) for accurate position feedback and has an axial connector outlet direction.

Notably, this version does not include a holding brake, offering a compact design for applications where braking is not required.

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