AUTOMATION TRADER

1FT6108-8AC71-4EG1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6108-8ac71-4eg1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Manufacturer	Siemens
Part Number	1FT6108-8AC71-4EG1
Product Type	Synchronous Servomotor
Rated Torque	70 Nm
Rated Speed	2000 rpm
Mounting Flange	IM B5
Encoder System	Absolute Encoder (EnDat 2048 S/R)
Shaft Design	Smooth Shaft with Circular Runout Tolerance N
Holding Brake	None
Protection Class	IP65

Description

The Siemens 1FT6108-8AC71-4EG1 is a high-performance synchronous servomotor from the SIMOTICS S series, designed for precision motion control applications. This motor features a rated torque of 70 Nm and operates at a rated speed of 2000 rpm, making it suitable for demanding industrial automation tasks.

It is naturally cooled and constructed with an IM B5 mounting flange, ensuring reliable operation in various settings. The motor is equipped with an absolute encoder system (EnDat 2048 S/R), providing precise position feedback.

Its smooth shaft design with a circular runout tolerance of N and the absence of a holding brake contribute to its efficient performance. The motor is rated for vibration severity grade N and has an IP65 protection class, offering robust protection against dust and water ingress.

This combination of features makes the Siemens 1FT6108-8AC71-4EG1 an excellent choice for applications requiring high torque and precision in challenging environments.