1FT6108-8AC71-3EG1

Industrial automation components

Add to quote

Ask about this product



Manufacturer	Siemens
Catalog number	1ft6108-8ac71-3eg1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Continuous Torque	70 Nm
Rated Speed	2000 rpm
Cooling Method	Natural air cooling
Mounting Flange	IM B5
Encoder Type	Absolute encoder (EnDat 2048 S/R)

Description

The Siemens 1FT6108-8AC71-3EG1 is a high-performance synchronous servomotor from the SIMOTICS S series, designed for precise motion control in industrial automation applications. This motor delivers a continuous torque of 70 Nm and operates at a rated speed of 2000 rpm, making it suitable for tasks requiring high dynamic response and smooth torque delivery.

It features natural air cooling and is constructed with an IM B5 mounting flange, compatible with both IM V1 and IM V3 standards. The motor is equipped with an absolute encoder (EnDat 2048 S/R), providing precise position feedback, and has a smooth shaft design with a circular runout tolerance of N.

It is rated for vibration severity grade N and has an IP65 protection class, ensuring reliable operation in demanding environments. The 1FT6108-8AC71-3EG1 is ideal for applications such as robotics, packaging, CNC machinery, and automated assembly lines, where precise positioning and high dynamic response are essential.

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

Generated on demand. The PDF file is not stored on the server.