1FT6082-8AK71-3FG2

Industrial automation components

Add to quote

Ask about this product



Manufacturer	Siemens
Catalog number	1ft6082-8ak71-3fg2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous Servomotor
Continuous Torque	13 Nm
Rated Speed	6000 rpm
Cooling Method	Natural Cooling (IM B5)
Encoder System	Incremental Encoder (sin/cos 1 Vpp) with 2048 S/R

Description

The Siemens 1FT6082-8AK71-3FG2 is a high-performance synchronous servomotor from the SIMOTICS S series, designed for demanding industrial applications requiring precise motion control. This motor offers a continuous torque of 13 Nm and operates at a rated speed of 6000 rpm, ensuring efficient and reliable performance in various automation systems.

It features natural cooling (IM B5) and is equipped with an incremental encoder system (sin/cos 1 Vpp) with 2048 S/R, providing accurate position feedback. The motor's construction includes a smooth shaft with a circular runout tolerance of N, and it is rated with vibration severity grade N.

The 1FT6082-8AK71-3FG2 is suitable for integration into automation systems where high precision and reliability 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.