1FT6081-8AF71-3AA0

Industrial automation components

Add to quote

Ask about this product



Manufacturer	Siemens
Catalog number	1ft6081-8af71-3aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous AC Servo Motor
Rated Torque	8.0 Nm
Rated Speed	3000 rpm
Cooling Method	Natural cooling (IM B5)
Encoder System	Incremental encoder sin/cos 1 Vss 2048 S/R
Shaft End	Smooth shaft with circular runout tolerance N
Degree of Protection	IP67

Description

The Siemens 1FT6081-8AF71-3AA0 is a high-performance synchronous AC servo motor from the SIMOTICS S series, designed for precision motion control applications. This motor features a rated torque of 8.0 Nm and operates at a rated speed of 3000 rpm, making it suitable for tasks requiring consistent and reliable performance.

It utilizes natural cooling (IM B5) and is equipped with an incremental encoder system (sin/cos 1 Vss 2048 S/R), ensuring accurate position feedback. The motor's construction includes a smooth shaft with a circular runout tolerance of N and is rated for vibration severity grade N, indicating its robustness in various operational environments.

Additionally, it has a radial shaft seal with an IP67 protection rating, providing resistance against dust and water ingress. These attributes make the Siemens 1FT6081-8AF71-3AA0 an excellent choice for industrial automation systems demanding high precision and durability.

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.