AUTOMATION TRADER

1FT6064-6AF71-3EH0

Industrial automation components

Add to quote

Ask about this product



Manufacturer	Siemens
Catalog number	1ft6064-6af71-3eh0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT6064-6AF71-3EH0
Product Type	Synchronous Servo Motor
Rated Torque	9.5 Nm
Rated Speed	3000 rpm
Cooling Method	Natural Cooling
Mounting Flange	IM B5
Encoder Type	Absolute Encoder
Encoder Resolution	2048 S/R
Holding Brake	Yes
Degree of Protection	IP64

Description

The Siemens 1FT6064-6AF71-3EH0 is a SIMOTICS S synchronous servo motor designed for precision motion control applications. This model features a rated torque of 9.5 Nm, operates at a speed of 3000 rpm, and utilizes natural cooling for efficient thermal management.

It is constructed with an IM B5 mounting flange, suitable for both IM V1 and IM V3 installations. The motor is equipped with an axial NDE (Non-Drive End) connector outlet direction, facilitating straightforward integration into various systems.

An absolute encoder with EnDat 2048 S/R (encoder A-2048) provides precise position feedback, ensuring accurate motion control. The motor includes a holding brake, enhancing safety during operation. It is rated with vibration severity grade N and features a labyrinth seal (IP64) for protection against dust and water ingress, making it suitable for demanding industrial environments.

This motor is ideal for applications requiring high precision and reliability, such as robotics, CNC machinery, and automated production lines.

AUTOMATION TRADER

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.