1FT6034-1AK71-3FH1-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6034-1ak71-3fh1-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous Servo Motor
Rated Torque	2.0 Nm
Rated Speed	6000 rpm
Cooling Method	Natural Air Cooling
Encoder Type	Absolute Encoder (EnDat 2048 S/R)
Protection Class	IP65
Flange Type	IM B5 (Standard)
Connector Orientation	Axial NDE
Holding Brake	Yes

Description

The Siemens 1FT6034-1AK71-3FH1-Z is a high-performance synchronous servo motor from the SIMOTICS S series, designed for precision motion control in industrial automation applications. This model features a rated torque of 2.0 Nm, a rated speed of 6000 rpm, and operates with natural air cooling.

It is equipped with an absolute encoder (EnDat 2048 S/R) and has an IP65 protection class, ensuring durability in demanding environments. The motor is constructed with an IM B5 flange (standard), and the power/signal connectors are oriented axially on the non-drive end. Additionally, it includes a holding brake for enhanced safety during operation.

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

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