1FK7100-5AF71-1DH0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7100-5af71-1dh0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous
Rated Torque	18 Nm
Rated Speed	3000 RPM
Optimal Power	3.77 kW
Cooling Type	Natural Air Cooling
Encoder Type	Incremental Encoder (I-2048) with DRIVE-CLiQ Interface
Construction Type	IM B5 (IM V1, IM V3)
Degree of Protection	IP64
Shaft End	Smooth with Tolerance N
Holding Brake	Included
Net Weight	22.002 kg

Description

The Siemens 1FK7100-5AF71-1DH0 is a compact synchronous servomotor from the SIMOTICS S series, designed for precise motion control applications. This motor features a rated torque of 18 Nm at 100 K, a rated speed of 3000 RPM, and an optimal power output of 3.77 kW.

It operates with natural air cooling and is equipped with an incremental encoder (I-2048) with a DRIVE-CLiQ interface, ensuring accurate position feedback. The motor's construction type is IM B5 (IM V1, IM V3), and it has a degree of protection IP64, making it suitable for various industrial environments.

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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The shaft end is smooth with a tolerance of N, and it includes a holding brake for enhanced safety. With a net weight of approximately 22.002 kg, this motor is ideal for applications requiring high precision and reliability.

AUTOMATION TRADER

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