1FK7064-7AF71-1EH2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7064-7af71-1eh2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Torque	12.0 Nm
Rated Speed	3000 rpm
Rated Power	2.5 kW
Frame Type	IM B5 (V1, V3) –
Encoder Type	Resolver multi-pole (P=3) with DRIVE-CLiQ interface –
Shaft Type	Plain shaft with tolerance N –
Protection Class	IP64 –

Description

The Siemens 1FK7064-7AF71-1EH2 is a high-performance synchronous servomotor designed for demanding industrial automation applications. This model features a rated torque of 12.0 Nm at a rated speed of 3000 rpm, delivering a continuous output power of 2.5 kW.

It operates with natural cooling and is housed in an IM B5 (V1, V3) frame, suitable for various mounting configurations. The motor is equipped with a resolver multi-pole (P=3) encoder with a DRIVE-CLiQ interface, ensuring precise position feedback.

Its plain shaft with tolerance N and IP64 degree of protection make it suitable for environments requiring robust sealing against dust and water ingress. The 1FK7064-7AF71-1EH2 is part of Siemens' 1FK7 series, known for high dynamics and reliability in motion control applications.

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