1FT6081-8AC71-2EH2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6081-8ac71-2eh2
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	2000 rpm
Cooling Method	Natural Cooling
Encoder System	15-bit Resolver with DRIVE-CLiQ Interface
Construction Type	IM B5
Connector Outlet Direction	Transverse Left
Shaft End	With Key and Holding Brake
Degree of Protection	IP67

Description

The Siemens 1FT6081-8AC71-2EH2 is a synchronous AC servo motor from the SIMOTICS S series, designed for precise motion control applications. This motor features a rated torque of 8.0 Nm, operates at a rated speed of 2000 rpm, and is naturally cooled, making it suitable for various industrial environments.

It is equipped with an incremental encoder with a 15-bit resolver and DRIVE-CLiQ interface, ensuring accurate position feedback. The motor's construction adheres to the IM B5 standard, with a transverse left connector outlet direction.

It includes a shaft with a key and a holding brake, providing enhanced mechanical stability. The motor is rated for vibration severity grade N and has an IP67 degree of protection, ensuring durability and reliability in demanding conditions.

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