1FT6-082-8AF71-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6-082-8af71-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT6 082-8AF71-Z
Product Type	Synchronous Servomotor
Torque	27 Nm
Speed	3000 rpm
Cooling	Naturally Cooled
Encoder	Incremental Encoder
Dimensions	88 x 88 x 88 cm
Weight	19 kg

Description

The Siemens 1FT6 082-8AF71-Z is a high-performance synchronous servomotor designed for precision applications in industrial automation. Manufactured by Siemens, a leader in automation technology, this motor offers exceptional torque and speed control, making it ideal for tasks requiring high dynamic performance and low torque ripple.

Key features include a naturally cooled design, an incremental encoder for precise speed and position control, and a robust construction suitable for demanding environments. Its compact dimensions and efficient operation contribute to energy savings and system reliability.

This motor is well-suited for integration into various automation systems, including CNC machines, robotics, and material handling equipment, where precise motion control is essential.

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