AUTOMATION TRADER

1FT6084-1AH71-1AG1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6084-1ah71-1ag1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT6084-1AH71-1AG1
Product Type	Synchronous Servo Motor
Rated Torque	20 Nm
Maximum Speed	4500 RPM
Cooling Method	Natural Cooling
Encoder Type	Incremental Encoder (sin/cos 1 Vpp)
Protection Rating	IP65

Description

The Siemens 1FT6084-1AH71-1AG1 is a high-performance synchronous servo motor from the SIMOTICS S series, designed for precision applications requiring dynamic response and flexibility. This motor features a rated torque of 20 Nm, a maximum speed of 4500 rpm, and operates with natural cooling, ensuring efficient performance in demanding environments.

It is equipped with an incremental encoder system (sin/cos 1 Vpp) with 2048 pulses per revolution, providing precise position feedback. The motor's construction adheres to the IM B5 standard, suitable for mounting in various configurations.

With an IP65 protection rating, it offers high resistance to dust and water ingress, making it ideal for industrial settings. The 1FT6084-1AH71-1AG1 is well-suited for applications such as high-performance machine tools, packaging machines, and material handling systems, where precision and reliability are paramount.

AUTOMATION TRADER

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