AUTOMATION TRADER

1FT6084-1AF71-4AG0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6084-1af71-4ag0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous Servomotor N·m
Rated Torque	20 N·m
Rated Speed	3000 rpm
Cooling Method	Natural Air Cooling N·m
Encoder Type	Incremental Encoder N·m
Protection Rating	IP65 N·m
Mounting Type	IM B5 (IM V1, IM V3) N·m

Description

The Siemens 1FT6084-1AF71-4AG0 is a high-performance synchronous servomotor from the SIMOTICS S series, designed for precision motion control applications. This motor delivers a rated torque of 20 Nm and operates at a rated speed of 3000 rpm, making it suitable for tasks requiring consistent and reliable performance.

It features natural air cooling, ensuring efficient thermal management during operation. The motor is equipped with an incremental encoder system, providing precise position feedback for enhanced control accuracy.

With an IP65 protection rating, it offers robust resistance against dust and water ingress, ensuring durability in various industrial environments. The IM B5 (IM V1, IM V3) mounting type allows for flexible integration into different machinery setups.

This servomotor is ideal for applications in automation systems, robotics, and other machinery requiring precise and reliable motion control.