AUTOMATION TRADER

1FT6084-8AF71-4FH1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6084-8af71-4fh1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT6084-8AF71-4FH1
Motor Type	Synchronous Servomotor
Rated Torque	20 Nm
Rated Speed	3000 rpm
DC Link Voltage	600V
Cooling Method	Natural Cooling
Construction Type	IM B5 (IM V1, IM V3)
Encoder System	Absolute Encoder, 22-bit Single-Turn + 12-bit Multi-Turn with DRIVE-CLiQ Interface
Shaft End	Plain Shaft (Radial Eccentricity - N) with Holding Brake
Stopień ochrony	IP65

Description

The Siemens 1FT6084-8AF71-4FH1 is a high-performance synchronous servomotor from the SIMOTICS S series, designed for precision motion control applications. This motor features a rated torque of 20 Nm, a rated speed of 3000 rpm, and operates with a DC link voltage of 600V.

It utilizes natural cooling and is constructed in an IM B5 (IM V1, IM V3) configuration, suitable for various industrial environments. The motor is equipped with an absolute encoder system, providing 22-bit single-turn and 12-bit multi-turn resolution, and includes a DRIVE-CLiQ interface for seamless

integration.

The shaft end is a plain shaft with radial eccentricity tolerance N, and it comes with a holding brake for enhanced safety. The motor's vibration severity grade is N, and it has a degree of protection rated at IP65, ensuring reliable performance in demanding conditions.