1FT5076-0AF01-2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5076-0af01-2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

DC Link Voltage	210 V
Continuous Torque	22 Nm
Maximum Speed	3000 RPM
Cooling Type	Natural Air Cooling –
Feedback Devices	Tachogenerator and Shaft Position Encoder –
Protection Rating	IP64 –
Mounting Arrangement	IM B5 (IM V1, IM 3) –

Description

The Siemens 1FT5076-0AF01-2 is an AC feed drive motor designed for precise motion control applications. Operating at a DC link voltage of 210 V, it delivers a continuous torque of 22 Nm and achieves a maximum speed of 3000 RPM.

The motor features natural air cooling, ensuring efficient thermal management during operation. It is equipped with a tachogenerator (TG) and a rotor position encoder (RLG) for accurate feedback, and has a protection rating of IP64, providing robust resistance against dust and water ingress.

The mounting arrangement is IM B5 (IM V1, IM V3), suitable for various installation configurations. This motor is ideal for applications requiring reliable and precise motion control, such as in industrial automation systems.

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