1FT5076-0AF01-2-Z-1FT50760AF012Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5076-0af01-2-z-1ft50760af012z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

DC Link Voltage	210 V
Continuous Torque	22 Nm
Rated Speed	3000 rpm
Cooling Type	Natural Air Cooling –
Protection Rating	IP64 –
Mounting Flange	IM B5 (IM V1, IM V3) –

Description

The Siemens 1FT5076-0AF01-2-Z is a high-performance permanent magnet synchronous servo motor designed for precise motion control applications. Operating at a DC link voltage of 210 V, it delivers a continuous torque of 22 Nm at a rated speed of 3000 rpm, ensuring efficient and reliable performance.

The motor features natural air cooling, making it suitable for various industrial environments. Its robust construction includes an IP64 protection rating, providing resistance against dust and water ingress, and an IM B5 mounting flange (also known as IM V1 or IM V3), facilitating versatile installation options.

This motor is ideal for applications requiring high torque and speed precision, such as CNC machinery, robotics, and automated production lines.

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

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