AUTOMATION TRADER

1PH7105-2NF22-0CJ0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ph7105-2nf22-0cj0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Power Output	7 kW
Rated Speed	1500 rpm
Continuous Torque	45 Nm
Rated Voltage	400 V
Rated Current	17.5 A
Protection Class	IP55/IP54
Shaft Type	Smooth shaft without fitted key
Airflow Direction	DE to NDE
Terminal Box Position	Top
Cable Entry Position	Right

Description

The Siemens 1PH7105-2NF22-0CJ0 is a compact asynchronous motor from the SIMOTICS M series, designed for industrial applications requiring reliable performance. This motor delivers a rated power output of 7 kW at a speed of 1500 rpm, providing a continuous torque of 45 Nm.

It operates on a 400V 3-phase AC supply at 50Hz, with a rated current of 17.5 A. The motor features a terminal box positioned on top with cable entry on the right side, and it is constructed with a smooth shaft without a fitted key.

The direction of airflow is from the drive end (DE) to the non-drive end (NDE), ensuring efficient cooling. The motor is rated IP55 for the main housing and IP54 for the fan, indicating robust

protection against dust and water ingress.

It is unpainted, suitable for environments where external coating is not required. This motor is ideal for applications in machinery and automation systems where consistent torque and reliable operation are essential.

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