1PH7101-2NF02-0DJ0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ph7101-2nf02-0dj0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1PH7101-2NF02-0DJ0
Product Type	SIMOTICS M Compact Asynchronous Motor
Rated Power	3.7 kW
Nominal Speed	1500 rpm
Continuous Torque	24 Nm
Maximum Speed	9000 rpm
Thermal Time Constant	20 minutes
Terminal Box Position	Top
Cable Entry Position	Right
Construction Design	IM B5 (IM V1, IM V3)

Description

The Siemens 1PH7101-2NF02-0DJ0 is a SIMOTICS M Compact asynchronous motor designed for industrial applications requiring reliable and efficient performance. This motor operates at a rated power of 3.7 kW with a nominal speed of 1500 rpm, delivering a continuous torque of 24 Nm.

It is rated for a maximum speed of 9000 rpm and has a thermal time constant of 20 minutes, ensuring stable operation under varying conditions. The motor features a terminal box positioned on top with cable entry on the right side, and it is constructed in the IM B5 (IM V1, IM V3) design.

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The motor is rated for an ambient temperature range of -20°C to +40°C and has a protection class of IP55 for the motor and IP54 for the fan, providing robust protection against dust and water ingress.

This motor is suitable for applications in material handling, conveyor systems, and other machinery requiring consistent and reliable motor performance.

AUTOMATION TRADER

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