1PH7103-2QG02-0CJ0-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ph7103-2qg02-0cj0-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1PH7103-2QG02-0CJ0-Z
Motor Type	SIMOTICS M Compact Asynchronous Motor
Rated Power	7 kW
Speed	2000 rpm
Torque	33.4 Nm
Voltage	400 V
Phase	3-phase
Frequency	50 Hz
Encoder	Relative motor encoder with 2048 pulses per revolution
Interface	DRIVE-CLiQ

Description

The Siemens 1PH7103-2QG02-0CJ0-Z is a SIMOTICS M compact asynchronous motor designed for high-performance applications. With a rated power of 7 kW and a speed of 2000 rpm, it delivers a torque of 33.4 Nm.

The motor operates at 400 V 3-phase 50 Hz and includes a fan for cooling. It features a relative motor encoder with 2048 pulses per revolution and a DRIVE-CLiQ interface on the non-drive end. The terminal box is positioned on top with a right cable entry.

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Constructed to IM B5 standards (IM V1, IM V3), it offers vibration severity grade S and shaft/flange accuracy R. The motor has a smooth shaft without a fitted key, with airflow directed from the drive end to the non-drive end. It has an IP55 protection rating, with the fan rated at IP54, and comes unpainted.