1PH7133-2QG02-0CJ2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ph7133-2qg02-0cj2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1PH7133-2QG02-0CJ2
Product Type	SIMOTICS M Compact Asynchronous Motor
Rated Output	20 kW
Maximum Torque	95.5 Nm
Napięcie zasilania	400V
Frequency	50Hz
Enkoder	Relative motor encoder with 2048 pulses per revolution
Interface	DRIVE-CLiQ
Construction Type	IM B5 (IM V1, IM V3)
Shaft Type	Plain shaft without feather key
Air Flow Direction	From drive end to non-drive end

Description

The Siemens 1PH7133-2QG02-0CJ2 is a SIMOTICS M Compact Asynchronous Motor designed for high-performance applications requiring robust and efficient operation. This motor delivers a rated output of 20 kW at 2000 rpm, with a maximum torque of 95.5 Nm, and can achieve up to 22.5 kW at 2300 rpm with a torque of 93.4 Nm.

It operates on a 400V 3-phase 50Hz power supply and is equipped with a fan for enhanced cooling. The motor features a relative motor encoder with 2048 pulses per revolution and a DRIVE-CLiQ interface

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for seamless integration with Siemens drive systems.

Its construction type is IM B5 (IM V1, IM V3), with vibration severity grade S and shaft/flange accuracy R, ensuring high precision and reliability. The motor is designed for a direction of air flow from the drive end to the non-drive end, with an IP55 protection rating for the motor and IP54 for the fan, providing robust protection against dust and water ingress.

This motor is ideal for applications in industrial automation where consistent performance and durability are essential.