1PH8107-1DG03-0CE1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ph8107-1dg03-0ce1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1PH8107-1DG03-0CE1
Product Type	Compact Asynchronous Motor
Product Family	SIMOTICS M
Application Area	Machine Tools, Packaging Machinery, Industrial Equipment
Moc znamionowa	12.0 kW
Rated Speed	2,300 rpm
Rated Torque	50.0 Nm
Rated Current	26.0 A
Supply Voltage	406 V
Encoder Type	Incremental Encoder with DRIVE-CLiQ Interface
Stopień ochrony	IP55

Description

The Siemens 1PH8107-1DG03-0CE1 is a compact asynchronous motor from the SIMOTICS M series, designed for high-performance applications requiring precise motion control. This motor offers a rated power of 12.0 kW at 2,300 rpm, delivering a continuous torque of 50.0 Nm and operating at a rated current of 26.0 A with a supply voltage of 406 V.

It features an incremental encoder with a 22-bit resolution and a DRIVE-CLiQ interface, ensuring accurate position feedback and seamless integration with Siemens drive systems. The motor is built

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with forced ventilation (DE-->NDE) and has a degree of protection rated at IP55, making it suitable for demanding industrial environments.

Its design conforms to the IM B35 standard (IM V15, IM V35), and it includes a standard bearing with fixed bearing, vibration severity grade R/A, and shaft and flange accuracy R. The motor's shaft extension is plain without a fitted key, and the power connector is positioned on the top with cable entry on the right.

This motor is ideal for applications in machine tools, packaging machinery, and other industrial equipment requiring reliable and efficient motion control.