MDS-A-SP-185-LEISTUNGSPLATINE-IGBT

Industrial automation components

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Manufacturer	Mitsubishi
Catalog number	mds-a-sp-185-leistungsplatine-igbt
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Mitsubishi
Part Number	MDS-A-SP-185
Product Type	Spindle Drive Unit
Power Output	18.5 kW
Input Voltage	200–230 V
Input Frequency	50/60 Hz
Output Voltage	200 V
Output Frequency	0–833 Hz
Output Current	63 A
Cooling Method	Forced-air cooling

Description

The Mitsubishi MDS-A-SP-185 is a high-performance spindle drive unit designed for precise control in CNC machinery. Manufactured by Mitsubishi Electric, this unit is part of the MDS-A series, renowned for its reliability and efficiency in industrial applications.

The MDS-A-SP-185 delivers a power output of 18.5 kW, suitable for demanding machining tasks. It operates with a 3-phase input voltage of 200–230 V at 50/60 Hz, ensuring compatibility with standard industrial power supplies.

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The unit provides a 3-phase output voltage of 200 V, with a frequency range of 0–833 Hz and a maximum output current of 63 A, facilitating precise speed and torque control. Designed for continuous operation, the MDS-A-SP-185 features a robust construction with forced-air cooling, ensuring optimal performance and longevity.

Its compact design allows for easy integration into various CNC systems, making it an ideal choice for enhancing machining precision and efficiency.