AUTOMATION TRADER

MDS-D-SP-160

Industrial automation components

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Manufacturer	Mitsubishi
Catalog number	mds-d-sp-160
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Manufacturer	Mitsubishi Electric
Part Number	MDS-D-SP-160
Product Type	AC Spindle Drive Unit
Rated Output	4.0 kW
Rated Current	14.4 A
Maximum Torque	50.0 N·m
Ambient Temperature Range	0 to 40 °C
Protection Rating	IP67
Flange Size	130 mm square
Total Length	184.5 mm
Shaft Diameter	24 mm

Description

The Mitsubishi MDS-D-SP-160 is a high-performance AC spindle drive unit designed for precision control in CNC applications. Manufactured by Mitsubishi Electric, this drive unit is part of the MDS-D series, known for its reliability and advanced features.

The MDS-D-SP-160 is engineered to deliver consistent and precise spindle control, making it ideal for demanding machining tasks. Key specifications include a rated output of 4.0 kW, a rated current of 14.4 A, and a maximum torque of 50.0 N·m.

It operates efficiently within an ambient temperature range of 0 to 40°C and is protected by an IP67 rating, ensuring durability in various industrial environments. The drive unit features a flange size of 130 mm square and a total length of 184.5 mm, with a shaft diameter of 24 mm, facilitating easy integration into existing systems. For detailed technical information, refer to the MDS-D/DH Series Specifications Manual.