

MDS-B-SPH-110

Industrial automation components

Manufacturer	Mitsubishi
Catalog number	mds-b-sph-110
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	6.80 kgs
Power	11 kW
Cooling Capacity	11 kW
Product Type	Drive
Voltage	AC
Horsepower	11 KW

Description

The Mitsubishi MDS-B-SPH-110 is a high-performance AC spindle drive unit designed for precise control in CNC machine tools. Manufactured by Mitsubishi Electric, this drive offers a continuous rated output of 11.0 kW, suitable for demanding applications requiring high torque dynamics and continuous operation. It operates with a DC link voltage of 270–311 V and provides a 3-phase AC output of 200–230 V, delivering a rated current of 37 A. The drive employs PWM with digital feedback for control and utilizes forced ventilation for cooling. Its compact and lightweight design facilitates easy integration into various industrial settings. The MDS-B-SPH-110 complies with European Safety Standards, ensuring reliable and safe operation in industrial environments. This spindle drive is ideal for applications where precision and reliability are paramount.