

A06B-6121-H030#H550

Industrial automation components

Manufacturer	Fanuc
Catalog number	a06b-6121-h030h550
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	10.89 kgs
Input Voltage	400 VAC
Rated Output	15 kW
Rated Current	133 A
Control Method	Sine-wave PWM control with transistor
Compatible CNC Controls	16i-B, 18i-B, 21i-B, 0i-B/C/D, 30i/31i/32i
Speed Variation Rate	0.1% or less of maximum speed
Ambient Temperature Range	0 to 55°C
Product Type	Spindle Amplifier Module
Brand	Fanuc

Description

The Fanuc A06B-6121-H030#H550 is a high-performance spindle amplifier module designed for advanced CNC machining applications. Manufactured by Fanuc, a leader in industrial automation, this module is part of the ALPHA i series, specifically the SPM-30HVi model. It operates with a 400 VAC input, delivering a rated output of 15 kW and a current of 133 A, making it suitable for demanding machining operations. The module features sine-wave PWM control with transistor technology, ensuring precise speed regulation and smooth spindle rotation. It supports a wide range of Fanuc CNC controllers, including the 16i-B, 18i-B, 21i-B, 0i-B/C/D, and 30i/31i/32i series, offering flexibility in system integration. Designed for continuous operation in industrial environments, the A06B-6121-H030#H550 maintains speed variation within 0.1% of maximum speed and operates efficiently within an ambient temperature range of 0 to 55°C. Its robust construction and advanced features make it a reliable choice for enhancing the performance and precision of CNC machinery.