

CNC Lathe Variable Frequency Drive

This variable frequency drive is designed for CNC lathes and other industrial applications requiring precise motor speed control. It offers adjustable frequency and voltage to optimize AC motor performance.



ADDITIONAL IMAGES



Product Overview

AS180 Series VFD

The AS180 Series VFD is a universal variable frequency drive engineered for high-performance industrial applications. By integrating advanced motor control technology, it provides reliable speed regulation and torque management without the need for additional PG cards. Designed with robust grid adaptability and intelligent thermal protection, this drive ensures smooth operation and energy efficiency even in demanding conditions.

Electrical Specifications

Input Voltage	380-460V
Input Frequency	45-65Hz
Power Rating	2.2 kW

Performance Metrics

Efficiency (Full Load)	0.94
Overload Grade	150% for 1 minute at 40°C
Output Frequency Accuracy	±0.01% (digital) / ±0.1% (analog)

Control & Connectivity

Input/Output Configuration

Port Type	Details
Digital Input	7 channels (Optical coupling isolation)
Relay Output	2 channels, 1.5A inductive/4.5A resistive
Analog I/O	2 channels (Voltage/Current selectable)

Key Control Features	PID Control, DC Braking, Positive-reverse switch, Fast Dynamic Response, Automatic Voltage Adjustment
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