

0.2kW Servo Drive with Multi-Bus Support

This 0.2kW servo drive provides intelligent and stable performance for various motion control applications. It features mechanical resonance frequency analysis and supports multiple bus interfaces, including CANopen.



ADDITIONAL IMAGES



Overview

High-Performance 0.2kW Servo Drive

This advanced digital servo drive delivers precise motion control for industrial automation, featuring versatile multi-bus support and intelligent tuning capabilities. It incorporates mechanical resonance frequency analysis and frictional torque compensation to ensure stable, high-speed performance across various machine-tool applications. With its compact design and CE certification, this drive provides reliable, efficient operation in demanding environments.

Performance

Key Performance Metrics

0.2 kW

Power Rating

3 x torque

Overload Capacity

Technical Specifications

Communication Protocols

CANopen • Modbus

Input Power Requirements

220V (Single/Three-phase) or 380V (Three-phase), 50-60Hz

Supported Control Modes

Position Control, Speed Control, Torque Control, Inner Speed, Position/Speed, Position/Torque, Speed/Torque

Encoder Feedback

ABZ incremental / Absolute encoder

Environmental Conditions

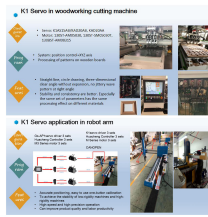
Operating Temperature

0 to 45°C

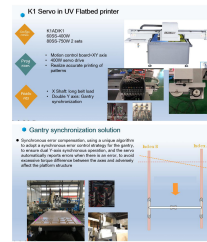
Working Humidity

20-85% RH (Non-condensing)

Applications



Proven performance in robot arm integration and woodworking precision cutting.



Synchronous error control strategy for dual Y-axis gantry systems.

Industry Applications

- Woodworking cutting machines
- Robot arm systems
- UV flatbed printers
- Industrial motion control systems