

# 0.4kW Universal Bus Servo Drive

This 0.4kW universal bus servo drive from the iK3 series is designed for precision motion control applications. It supports a 220V power supply and features EtherCAT communication for seamless integration.



## ADDITIONAL IMAGES



## Overview

### • iK3 CANOpen in non-standard tapping



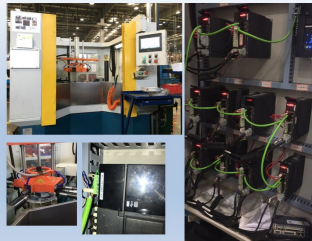
- iK3-400W 4 sets
- iK3-1.5KW 6 sets
- M series 23 Bit motor



- 8-station tapping
- K1 AS15 servo drive
- Precise tapping of the engine casing



- Fast tapping, no bad teeth
- Motor waterproof, high servo stability



Precision motion control suitable for demanding applications like multi-station tapping.

## High-Performance Universal Bus Servo Drive

The 0.4kW Universal Bus Servo Drive is a high-performance solution designed for precision motion control. Featuring advanced EtherCAT communication, it delivers exceptional synchronization accuracy and rapid motor response through cutting-edge algorithms. Built for demanding industrial environments, the drive includes robust environmental protection and built-in safety features to ensure reliable, long-term operation.

## Performance Metrics

### Key Performance Indicators

**2.5 kHz**

Current Loop Response

**1.6 kHz**

Speed Loop Response

**0.1 us**

Bus Sync Accuracy

## Technical Specifications

### Power & Electrical

Parameter	Specification
Rated Power	0.4 kW
Rated Current	2.8 A
Input Voltage	220V AC

### Control Features

EtherCAT, Active Resonance Suppression, Friction Compensation, Groove Torque Compensation, Weak Magnetic Control

## Safety & Standards

### Safety Functions

- SS1
- SS2
- SBC

## Environmental Requirements

### Environment

Parameter	Value
Working Temp	0 to 45°C
Humidity	20-85% RH
Altitude	< 1000m