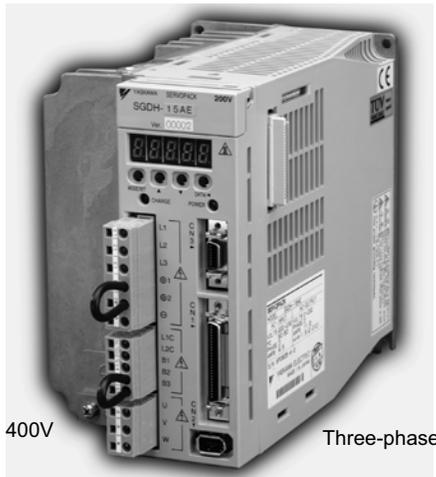


# SGDH Servo Amplifier- For Speed, Torque, & Position Control With Incremental or Absolute Encoder



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## Design Features

### 1. Improved Performance

- Higher bandwidth response (up to 400Hz speed loop frequency response)
- Positioning settling time shortened to 1/2 to 1/3
- Smooth control at low rpm  
made possible by Sigma II servomotors' high resolution feedback

### 2. Easy Operation

- All-in-one model (speed, torque, and position control)
- PC monitoring function available including graphical tuning and file storage
- Adaptive-tuning function  
Online auto-tuning
- Multi-axis communication provided as standard  
One PC can communicate with up to 14 SGDH units by parameter setting
- Built-in parameter setting device
- On-board storage of alarm history
- Automatic determination of motor settings at connection

### 3. Additional functionality with ready-to-install application modules

- Configurable single axis controls including serial communication capability
- Fieldbus connectivity (Devicenet™, Profibus™, etc.)
- Full closed loop (optional position feedback)
- Single axis motion controller

### 4. Certified International Standards

- UL, cUL listed (File #: E147823), CE compliance