

Flux Vector Control Drives



Applications

- Woodcarving machine; crane hoisting; drilling machine; CNC lathe; tooling machine; middle/low-speed passenger elevator; PCB routing machine, etc.

Specifications

- Power Range: 230V 3-phase: 1~50HP; 460V 3-phase: 1~100HP
- Sensorless vector control with speed control range 1:100
- PG closed loop control with speed control range 1:1000
- Output frequency range is 0~600Hz
- Adjustable V/f curve
- Automatic torque boost and slip compensation
- 16-step preset speed control and 15-step PLC operation
- Built-in PID feedback control with Sleep/Wake function
- Optional PG encoder card for speed feedback and positioning
- 4 sets of accel/decel time selections and independent accel/decel S-curve settings
- Specific process control and energy saving operation for fan and pump application
- Built-in communication interface RS-485 Modbus (RJ11)
- Auto-tuning and FOC (field oriented vector control)