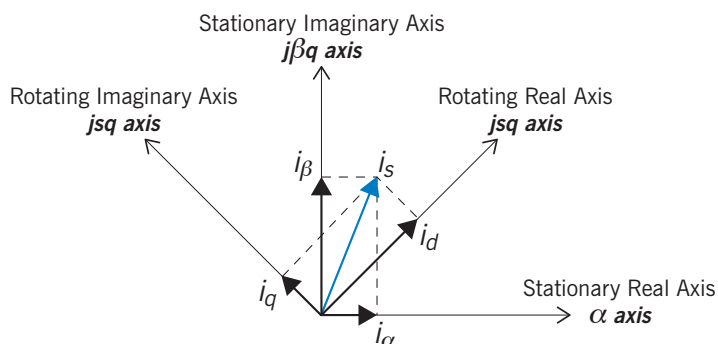


STAND ALONE DRIVE STEPPER SSD



SSD IS A STEPPER DRIVE WITH VECTOR CONTROL CURRENT MODULATION

- Efficient motor control
- No step loss
- Low motor temperature
- Low noise and vibration
- High torque density
- Low power consumption
- Low torque ripple



GENERAL FEATURES

- Main power supply 110-220 Vac single phase
- Nominal current 5 Arms
- Disable input
- Incremental encoder input for motor control
- Current loop control: 25 μ s
- PWM 20 KHz
- External braking resistor – possible
- Logic supply 24 Vdc
- Nominal power 600 W (at 220 Vac)
- Digital and analog IO on bord (7xDI, 3xDO, 1xAI, 1xAO)
- Auxiliary incremental encoder input
- Velocity and position loop control: 100 μ s
- Internal braking resistor (optional)
- External EMC filter



