

ECTI

AXIAL GEARMOTOR AND CONTROLLER SYSTEM FEATURES AND SPECIFICATIONS

COMPACT

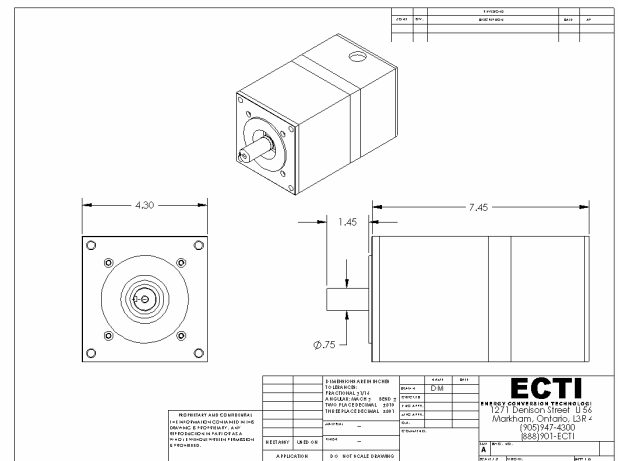
- High energy density in a compact package
- Only 4.3" x 4.3" x 7.5"

ENERGY EFFICIENCY

- "EVENT-DRIVEN" control algorithms maintain efficient operation under high torque demands in start / stop applications
- "REAL TIME" dynamic optimization for efficient high-speed operation
- "ENERGY PUMP": System stores regenerative energy; net energy supplied by AC grid; can provide significant energy savings
- Limits peak energy to control utility costs
- Power factor correction capability

CONTROL

- Programmable motor operation
- 8 opto-isolated inputs/ 4 outputs for motor control and peripheral system monitoring and control
- Servo motor capabilities
 - o 4-Quad operational control
 - o Velocity, acceleration, deceleration control
 - o Position control
 - o Torque control
- Back Driveable gear system
- Programmable Holding Torque
- Optional Electrically Operated Programmable / Failsafe Brake (not shown)
- Direct Programming via RS-232 / CAN communication interfaces
- NETWORKPOWER™
 - o Precisely control multiple motors to work synchronously including load sharing mode
 - o Network up to 128 systems and control them via PC or the Internet
- CAN / DEVICE NET and SDS communications capability



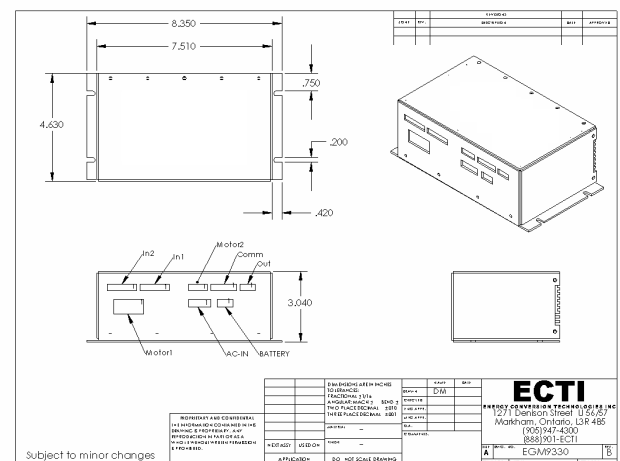
POWER and TORQUE

- High performance replacement for induction motors
- Peak Torque 250 in. lb. @ 330 RPM ("HT" – higher torque model available – adds approx. 1" to length)
- Available output RPM range: 100 to 1000 RPM
- Wide range voltage input DC (24VDC to 48VDC) and 115VAC to 575VAC, single phase and 3 phase system
- Battery Backup capable



RELIABILITY

- Brushless motor technology
- Current and voltage overload protection
- NEMA 4 motor housing - wash down capable
- One Year Warranty



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