

DLC- 28 Liquid cooled PMAC Motor Specifications

Specifications

- 4 pole motor (8 magnets).
 - Phase to Phase winding resistance: 0.013 Ohms
 - Maximum recommended rotor speed: 6500 RPM
 - Voltage: 0 to 120 VDC input to the control
 - Torque constant of 0.15 Nm per Amp
 - The Inductance Phase to Phase is 0.10 Milli-Henry with a 28 turns per phase.
 - Armature Inertia: 45 Kg Cm Squared
 - Current: 180 Amps AC continuous (220 Amps DC into the motor control)
 - Peak current: 480 Amps AC for 1 minute (660 Amps DC into the motor control)
 - Weight: 35 pounds
 - Peak Stall Torque: 100 Nm.
 - Cooling: Water cooled (50% Glycol)
- Includes temperature sensor