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**Product News**

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**PM MOTOR**

*SLOTLESS AND BRUSHLESS*

The ThinGap™ TG3600 Series slotless brushless PM motor incorporates new winding technology that eliminates eddy current and hysteresis losses and achieves very high power efficiency over a wide speed range. A maximum continuous torque of 115 ounce-inches is achieved at 2400 rpm rated speed point using an input voltage of 24 Vdc and 15.6 amps to the TG3600 motor from the specified PWM servo amplifier.

The thin wall of the stator coil allows a miniature air gap to be



utilized in combination with the high energy Neodymium-Iron-Boron magnets to create a high power density brushless PM motor. With no magnetic hysteresis, low speed cogging is non-existent. Armature inductance measures below 10 microhenries and line-to-line resistance is 0.31 ohms @ 25°C.

**G&G Technology**

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