THINGAP® ANNOUNCES:
TGB 1710 Brush Motor for Industrial Handheld/Portable Tools

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VENTURA, CALIFORNIA – NOVEMBER 5, 2008 – ThinGap LLC, the leader in high power density DC motors, today announced the TGB1710 brush motor for industrial handheld/portable tools. The small size, high torque, and low power consumption of the TGB1710 provides an excellent solution for heavy-duty battery powered applications.

"The rugged TGB1710 brush motor has been field tested in a variety of applications, including professional portable handheld tools, and is proven to deliver rapid acceleration and high torque," said Shelly Ward, Director of Application Engineering, ThinGap LLC. "Furthermore, the high efficiency of the TGB1710 reduces power consumption to allow more run time between battery charges."

The 1.7" diameter by 3.3" long TGB1710 brush motor delivers 160 oz-in. peak torque and 183 watts continuous power, yet weighs only 22 oz. The ruggedized brush configuration design withstands the high vibration of portable tools. Brush life is longer than conventional motors because of the unique design and the inherent low inductance architecture of the motor coil. The TGB1710 motor also features smooth, controllable power due to its zero cogging and hysteresis torque.

For a data sheet on the TGB1710, please visit http://www.thingap.com/pdf/tgb1710ss.pdf

For more information, please visit www.ThinGap.com.

About ThinGap
ThinGap LLC designs and manufactures an innovative line of standard and custom brushless and brush motors for applications that require high power, efficiency, low weight, and small package size. The technology helps OEM's innovate more powerful, efficient, responsive, controllable and precise products not possible with the use of conventional motors.

Since its first production motor was introduced in 2000, ThinGap has developed a complete line of brush and brushless motors for medical industry applications and such industrial applications as handheld power tools and fan/blower/compressor motors.

ThinGap has been granted seven patents and has eighteen patents pending. The technology allows high copper-packing density and higher copper-to-total stator-volume ratio than motors with conventional wire windings. By replacing the iron core/laminations and wire windings used by conventional motors with a precision thin copper sheet, the motors provide higher power-to-weight ratios, a wider range of speed and torque capabilities, improved heat dissipation and lower electrical resistance.

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