



Continuous torque
up to 5'430 Nm



Peak torque
up to 10'100 Nm



Speed
up to 900 rpm

TMC

Torque Motors

(i) For machine tool applications

The TMC torque motor series by ETEL sets a new benchmark in machine tool applications, combining innovation and performance in a compact footprint.

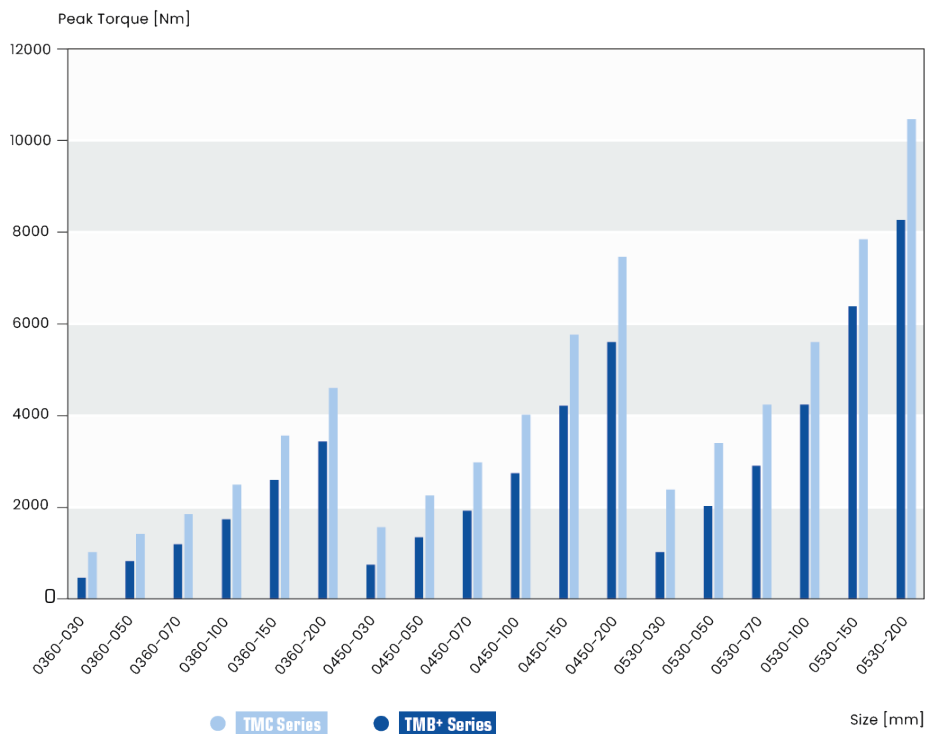
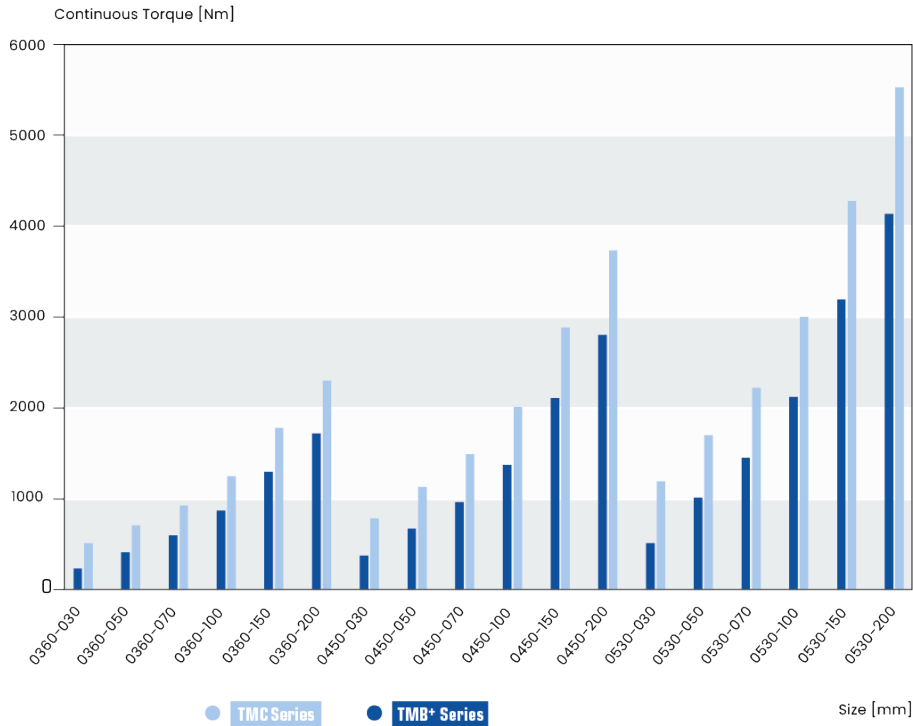
While retaining the robustness, repeatability, and reliability of its predecessors, TMC offers an additional option beyond traditional torque motors like TMB+ and high torque/high-speed motors such as TMKi. The TMC series stands out with a significantly wider speed range for continuous torque compared to traditional torque motors. Developed through a cost-effective design

approach, TMC excels in price-to-performance ratio, providing a 30% to 120% torque increase in the same stator footprint as TMB+, or enabling an ultra-compact solution by downgrading the motor. TMC is the ideal choice to elevate machine performance to the next level.

Here are the key features

- > **Drastically increased torque output**
(up to +120% vs TMB+, +30% vs best competitor)
- > **Reduced footprint & increased workspace**
(same torque with a smaller size)
- > **Improved accuracy (same size used at lower load to reduce heat variations)**
- > **Wider operating speed for an affordable cost**
- > **Water cooling channels 600 VDC bus voltage**
- > **Compatible with IMTHP module for accurate thermal control**
- > **Low torque ripple**

Get an edge with the best torque motor in the market!



More info

