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For Immediate Release

High Torque Brushless DC motor

Redesigned for even greater performance.

The EC-i 52mm brushless DC motor from maxon has had the iron-wound internal rotor motor redesigned from 7 pole pairs to 8 pole pairs. This significantly reduces the vibration and noise output of the DC motor. Available in three voltage outputs, 18, 24 and 48V the 52mm 180 W brushless DC motors produce up to 6,000 rpm.

With a correspondingly optimized magnet ring, the brushless EC-i motors with iron windings offer a very high torque density and a low cogging torque. The multi-pole internal rotor is extremely dynamic. It has a solid design, with a welded stainless steel flange and housing, making this brushless DC motor suitable for a wide range of applications such as rotary actuators, valves, robotic joints and process control.

You can find performance data and more information on the EC-i 52mm [here](#).