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Press Release

Improved torque levels for maxon Brushless DC motors.

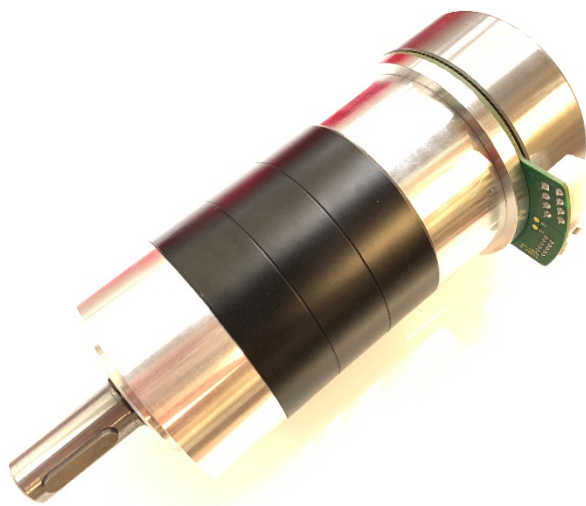
The maxon brushless flat motors are now available in combinations with planetary gearboxes, encoders and vented rotors for increased torque.

The recently released 90mm diameter Brushless DC ventilated motors from maxon gave power level increases from 160W to 600W within the same diameter. Two length options of 27.4mm and 39.9mm are selectable with two air cooling options. Four winding options are available for DC voltages varying from 12 to 60VDC. Continuous torque capability is up to 1610mNm from the motor alone and when combined with planetary, worm and helical gearhead options repeated peak torque levels of 650Nm have been achieved. High ratios and 25600qc integrated internal encoders make them extremely useful products for rotary joint applications such as robotics and industrial machinery actuators. Maxon can also manufacture custom versions with specific cable looms and rear shafts for mounting loads on both sides of the motor. The combination of the flat motors with high stiffness, low profile, zero backlash, trochoidal style gearheads also makes the complete drive suitable for wheel drive applications such as autonomous ground vehicles and warehouse logistic machinery.

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The press release is available on the internet at: www.maxongroup.net.au



*Brushless Flat DC motor
with gearbox and encoder
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The Swiss specialist for quality drives

maxon is a developer and manufacturer of brushed and brushless DC motors, as well as gearheads, encoders, controllers, and entire mechatronic systems. maxon drives are used wherever the requirements are particularly high: in NASA's Mars rovers, in surgical power tools, in humanoid robots and in precision industrial applications, for example. To maintain its leadership in this demanding market, the company invests a considerable share of its annual revenue in research and development. Worldwide, maxon has more than 3000 employees at nine production sites and is represented by sales companies in more than 30 countries.