

## Zero backlash brushless DC motor and Harmonic Gearhead combination with internal encoder.

**New levels of torque and position capability are now possible with the development of adaptive hardware for maxon low profile brushless DC motors and harmonic planetary gearheads.**

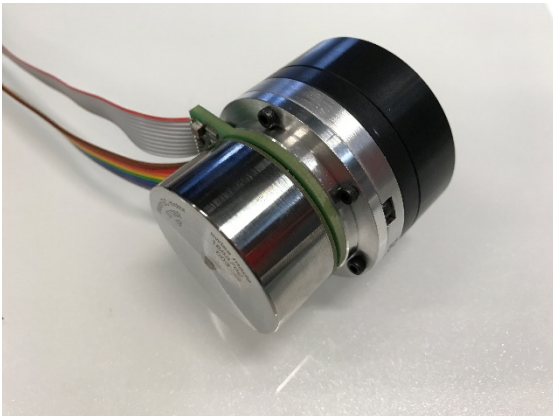
Pictured is a combination showing the maxon brushless DC 70W 24V motor, 2048 counts per turn internally integrated encoder and the new harmonic light weight low profile zero backlash gearhead. The gear-motor assembly increases the torque and reduces the size of previous solutions using planetary gearbox technology. The output capability is 19Nm repeated and 31Nm intermittently, which is ground-breaking for a combination just 55mm diameter and 59mm long for all three components. Having an internal encoder and a zero backlash gear makes the unit ideal for robotic joint and positioning applications in industrial automation, process control and also for precision laboratory and scientific equipment.

Contact maxon motor Australia on +61 2 9457 7477 for further information or assistance.

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The media release is available on the internet at: [www.maxonmotor.com.au](http://www.maxonmotor.com.au)



*EC 45 flat, 70 Watt 24V – brushless flat DC motor (BLDC motor) with hall sensors, encoder and zero backlash gearbox.*

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