

## First of the new breed, ultra-small DC motor.

**The first of the new 6mm and 8mm DC servo motors to arrive in Australia. Close inspection of the gear motor combination reveals the extent of motor customisations possible, normally for niche hand built servo motor and gearhead combinations that the Swiss engineers have become famous for.**

Completely configured by the end user, maxon motors new micro DC motors system of online motor design and fully automated construction is set to change the future of motor manufacturing technology. Without human interference the tiniest of microdrives can be tailored to the application via an online tool. From the shaft length, diameter and flat features to the mounting method, gearhead reduction, winding characteristics, cable length and connector type. All direct from the motor design portal to the automated manufacturing line. Laser welded steel construction, dual stainless ball bearings and integral strain relief on a motor with only 6mm outer diameter beguiles Australian engineers. Over 17,000rpm at much lower noise levels than previously attained and torque levels to 200mNm make the new 6mm and 8mm servo gear motors incredibly power dense.

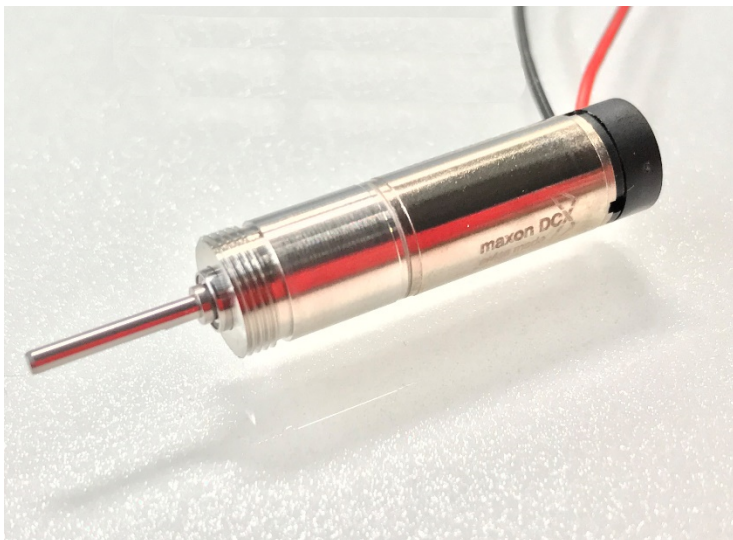
The ultra-small DC servo motors have linear control characteristics, zero magnetic detent (cogging) making them suitable for applications such as micro pumps, medical and laboratory dosing devices and robotics.

Contact maxon motor Australia for application, engineering or project assistance. Ph: +61 2 9457 7477.

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



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