

# Press Release

11 November, 2013

## New low voltage DC servomotors and gearheads.

**maxon motor today released new motors containing 12V, 24V, and 48V DC options with low noise and ceramic gearboxes.**

The DCX range of servo motors contains a 10mm diameter DC motor with a length of 25mm that has today been joined by a 10mm motor with a shorter length of 17mm. The motor has an outstanding power to density ratio with over 1mNm and 1400mW. It also features extremely quiet operation running below 36dB. It is available with standard winding voltages including 1.5V, 3V, 4.5V, 6V, 9V and 12V making it particularly suitable for battery driven applications.

Conversely, the larger 22mm DC motor with a length of 34mm has also today welcomed a larger version. The 22mm x 47mm motor, which has an industry leading power capability of almost 50 Watt, representing power to weight gains over even larger diameter maxon DC motors. Again there is a large variety of windings available. The standard operating voltages are 6V, 9V, 12V, 18V, 24V, 36V and 48V DC. maxon motor application engineers can help you to configure a speed perfect for your task.

Both new motors are freely customisable to suit robotics, medical and aerospace type applications allowing engineers to select from different brush types, bearing types, mounting flanges and even shaft dimensions. They are available with various encoder resolutions and gearhead ratios. In particular the 22mm gearhead is now available in two new formats including a ceramic planetary version and a low dB version.

Contact maxon motor in the Sydney office for more information on the new low voltage DC motors.

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Length of this press release: 268 words

Available at: [www.maxonmotor.com.au](http://www.maxonmotor.com.au)

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