33 new DC motor products in the new 2015/2016 catalogue.

In the newly released motor product catalogue, maxon motor offers 33 new brushed and brushless DC motors, gears, spindle drives, sensors and controllers.

The 2015/2016 catalogue available online, features 33 new innovative motor products that are all configurable to meet your specific application needs.

NEW motors

From the DCX product line, the motors range from the 12mm motor through to 26mm diameter and up to 18,000rpm. The DC-max motors available with either precious metal or graphite brushes, provide 1.6 to 40W, 10-12 mNm and up to 9,000 rpm.

Suitable for surgical applications, maxon motor unveiled the powerful yet small brushless DC motor that can be sterilised in an auto-clave as many as 1,000 times. Also befitting the motors capabilities are various applications in the medical field, such as bone saws, surgical drills and acetabulum reaming tools. Featuring nominal speeds of approximately 15,000rpm and high nominal torques between 80-100mNm.

NEW gearheads

Seven new gearhead diameters for the GPX Planetary gearhead family have been released: 12mm, 14mm, 16mm, 19mm, 26mm, 32mm and 37mm all offering a range from 0.002–12.0 Nm. Additionally a tiny 4mm planetary Gearhead particularly suitable for extreme space critical requirements such as arthroscopic or implantable devices.

NEW sensors

New three-channel digital encoders with line driver for protection from interference. Featuring adjustable encoder resolutions and in particular, the 16mm sensor can withstand temperatures of -40 to +100 degrees Celsius.

NEW spindle drive

Applications that rely on positioning systems for efficiency and high accuracy, driven by powerful DC motor and gearhead systems, will benefit from the ceramic linear drives. What sets the spindle drives apart is the scientifically developed ceramic glide surface. The spindle, combined with brushed or brushless DC motor, prolongs the lifespan in systems with dynamic sliding movements.

NEW controller

Delivering up to 144W of power, weighing 7 grams, the new servo-motor controller was introduced to assist in applications particularly in the fields of machine design and robotics. This controller is purpose built for small applications being the size of a postage-stamp however it can it can drive both brushless DC motors and brushed DC motors.

These high-efficiency drives are configurable online and are ready for delivery in 11 days.

The catalogue can be viewed on-line in the maxon motor e-paper catalogue.

Call maxon motor Australia on +61 2 9457 7477 for assistance with your application.
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The media release is available on the internet at: www.maxonmotor.com.au


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