

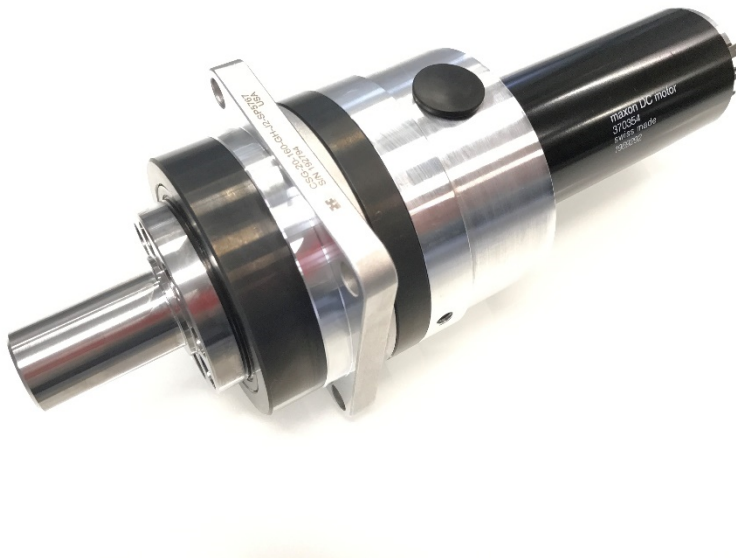
Zero Backlash gearhead and DC motor assembly.

Achieving a combination of zero magnetic cogging and zero backlash in a 24V gearmotor assembly.

This new motor and gearhead from maxon motor Australia achieves over 60Nm on a continuous basis at only 10A current draw with a 24V DC supply. New achievements in the 94% efficient motor which features a coreless zero cogging winding (detent free) coupled with a zero backlash gearhead that features high stiffness levels make the drive suitable for robotics and process applications that require completely smooth motion with high power density. Sealed and lubricated for life the combination can handle harsh industrial environments and a -30 +100C ambient temperature range. Gearhead ratio reductions up to 160:1 can also be multiplied by large amounts by stacking planetary input stages and high resolution encoders allowing for accurate positioning tasks. maxon motor Australia now have the ability to configure zero backlash solutions to suit the application requirements. Contact our application engineers for configuration assistance tel. +61 2 9457 7477.

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The media release is available on the internet at: www.maxonmotor.com.au



Zero backlash gearhead and DC motor assembly © maxon motor

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