

Powerful zero backlash servo gear motor.

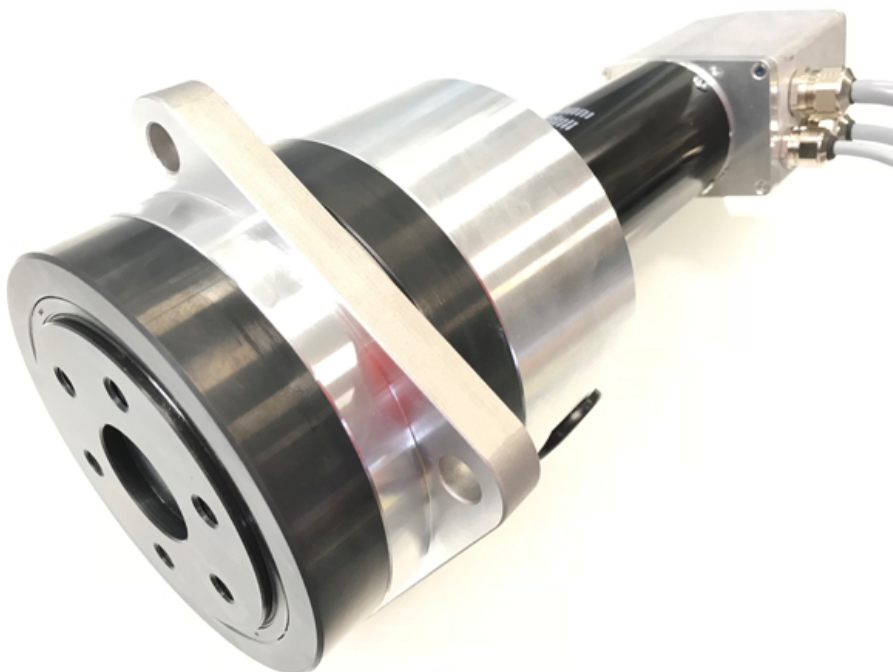
Brushless DC (BLDC) servomotor, zero backlash gearhead, holding brake and high resolution encoder combination drive offers high torque levels without compromising positioning accuracy.

This servo motor and gearhead combination recently released by maxon motor Australia can produce 364Nm with a peak torque rating at the output of 686Nm. Fitted with both an encoder and a holding brake inside the IP rated motor's rear enclosure the combination can move heavy loads into position and make sure they stay there. The high acceleration of the brushless DC motor with top grade Neodymium magnets enables a zero to 2600rpm speed change in under 4ms. Being both brushless DC and also slotless gives the motor zero cogging or position detent for smooth position transitions and low speed performance. The solid construction and sealed nature of the motor drive components makes it suitable for mining, food, process control and manufacturing environments. Customisation of the motor and gearhead features is possible and both 24 and 48V DC supplies can be used. The unit is compatible with standard Servoamplifier and position controllers from maxon motor.

For more information contact maxon motor Australia Tel. +61 2 9457 7477.

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



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