

22mm High Speed Brushless DC gearmotor in DRS system.

When you only have 0.2seconds to move your load maxon motors and gearheads are required.

In 2016 the Academic Motor Sports Club Zurich set a world record for electrically powered vehicles by accelerating to 100km/h in 1.513s. Maxon motors are used in the vital race car Drag Reduction System (DRS). The maxon 22mm Brushless DC motor and high powered 22mm planetary gearhead drive rear air-foil. Rotating 165° in 0.2 seconds means the gearhead had to withstand very high forces.

To read the full article please visit the [applications area](#) of our website. Or contact our Australian office for application assistance. Ph: +61 2 9457 7477.

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



maxon EC22

The EC motors have excellent torque characteristics, high power, and a wide speed range of up to 100,000 rpm.



maxon GP22 HP

Planetary gearheads are suitable for transmitting high torques of up to 120 Nm.

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