Media Release

IP65 DC motors and gearboxes.

KAG motor are able to deliver custom IP65 DC motors and gearboxes to suit specific application requirements.

This DC motor and planetary gearbox are an example of the meticulous approach of the German manufacturer KAG. For new DC motor designs maxon motor Australia work very close with the customer to find the ideal motor and gearbox features to suit the application. The requirements are written in a detailed specification document and then when the motor is produced, the specification and measured data are displayed alongside one another in the accompanying prototype documentation. A full and also a scaled drawing with all tolerances, the measured motor data from testing and also the speed torque curves are presented to the customer alongside the product. All IP65 motor and gearbox combinations obviously contain a number of seals. Static sealing around the flanges and cabling and also rotary seals at the output shaft. The higher the IP rating on a DC motor and gearbox the higher the friction on the rotary seal. This increase of friction results in an entirely new set of motor data that is tested for the prototype and sent in both a hard and soft copy with the units. This particular unit was the M63X40 63mm 12V motor and the 52mm 25Nm planetary gearbox.

Contact maxon motor Australia in the Sydney office on +61 2 9476 4777 for detailed assistance and unrivalled support.

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