DC gear motor – take two.

For out of the ordinary DC gear motor combinations contact maxon motor Australia.

This DC gear motor example supplied by maxon motor is another “out of the ordinary” combination of componentry customised for specific building automation applications. This unique gear motor features two complete planetary gearheads, one mounted at each end of the DC motor. The addition of a gearhead on the rear or commutation end of a DC motor involves modifications to the rear plate so that the mounting holes of the rear gearhead can be aligned with the mounting holes of the front gearhead. This must also take into account the normal null adjustment of the rear motor flange for peak operating efficiency during manufacture. Adding further complication, an encoder is required for the positioning of the load. Normally this would be mounted on the commutation end also. Therefore it has been designed with a special internal encoder, based on hall sensor technology and placed around the motor commutation system. The unit is 80mm in diameter and can produce 160Ncm on both gearheads at the same time. Running at 1525 rpm with 48V DC applied.

Contact maxon motor Australia for further information or assistance Ph: +61 2 9457 7477.

Length of this press release: 205 words

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

DC gear motor with x2 planetary gear boxes
© 2015 maxon motor.