

Fast brushless DC linear actuator.

New brushless DC linear actuator series from maxon motor.

This new combination linear actuator features a useful mixture of fast movements, high torque and holding ability. A precision ground metric thread and nut assembly can be customised to suit individual application mounting requirements. The unit pictured below has an external thread for mounting the load and an internal thread for traversing the spindle with a stainless steel and brass combination suiting the application running characteristics. Ceramic and plastic materials are also available. This is also the first such unit imported into Australia with the new EC-i 30mm brushless DC motor. The linear actuator is held in an amalgamated bearing block with radial and axial bearings contained inside a planetary gearhead end flange. This reduces the size and eliminates many alignment issues associated with standalone ball screws and bearing blocks. The new series features speeds of up to 386mm/s and linear forces up to 2700N. The linear actuation length and system operating voltages are all changeable and high resolution encoders enable positioning. The EC-i actuation system represents a cost reduction from exiting brushless solutions further widening the use of the devices into general engineering machinery and manufacturing equipment.

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



*Fast BLDC linear actuator –
the first of its kind from maxon
motor imported into Australia
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