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Press Release

Parvalux release powerful low profile gearbox.

New spur/worm combination gearboxes deliver high power with a low profile.

Parvalux Electric motors form Bournemouth England have released a powerful low profile gearhead. Parvalux products are now available in Australia from maxon motor Australia Pty Ltd following the purchase of Parvalux by the maxon group.

The new GB56 gearbox is a right angled coupling driven low profile gearhead that can deliver up to 50Nm short term from a gearbox width of just 39mm. The gearhead is configurable with a range of motors from both the maxon and Parvalux range. The motors can be either brushed or brushless DC. With the combination of both worm and spur gearing in the one gearbox a large selection of ratios is available from 12.6:1 overall to 213.5:1 and 25 ratios in between allowing for typical speed ranges from 7rpm to 318rpm. Further speed and position control can be offered by maxon servoamplifiers and positioning systems. Standard with a 20mm splined hollow shaft the gearhead can be fitted with custom shaft solutions to suit the application. The low profile nature makes the part particularly suitable for home automation where the motor and gearhead assembly is often contained in low profile aluminium extrusions or for example in the hollow sections of gates and louvers.

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The press release is available on the internet at: www.maxongroup.net.au

Parvalux GB56 low profile gearbox © maxon Group

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The Swiss specialist for quality drives

maxon is a developer and manufacturer of brushed and brushless DC motors. as well as gearheads, encoders, controllers, and entire mechatronic systems. maxon drives are used wherever the requirements are particularly high: in NASA's Mars rovers, in surgical power tools, in humanoid robots and in precision industrial applications, for example. To maintain its leadership in this demanding market, the company invests a considerable share of its annual revenue in research and development. Worldwide, maxon has more than 3000 employees at nine production sites and is represented by sales companies in more than 30 countries.