

## 300V brushless DC motor.

**New 300V winding for heavy duty brushless DC motor. This specialised motor is for use submerged in oil and is designed specifically for Australia's increasing ROV and subsea market.**

The first delivery has just taken place of maxon motor Australia's new range of brushless DC motors designed to operate on a 300V power supply. From a diameter of only 32mm the unit is capable of power levels of 480W, speeds up to 12,000 rpm and can operate submerged in oil at up to 200C. The 4 pole layout achieves a power density of under 2 grams per Watt and is constructed of a laser welded stainless steel case and flanges. Laser welding continues inside the motor with an encapsulated rotor and weld seams at the bearing seats and shaft collars. The motors bearings are left open without shields to allow for the flooding with oil. Capable of withstanding high vibration and extreme pressures makes the unit suitable for Oil and Gas applications, Subsea Applications and there are also variants for use in Vacuum.

For assistance selecting or modifying Brushless DC motors contact maxon motor Australia on +61 2 9457 7477.

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The media release is available on the internet at: [www.maxonmotor.com.au](http://www.maxonmotor.com.au)



*300V Brushless DC motor*

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