

Subsea thruster – new performance levels.

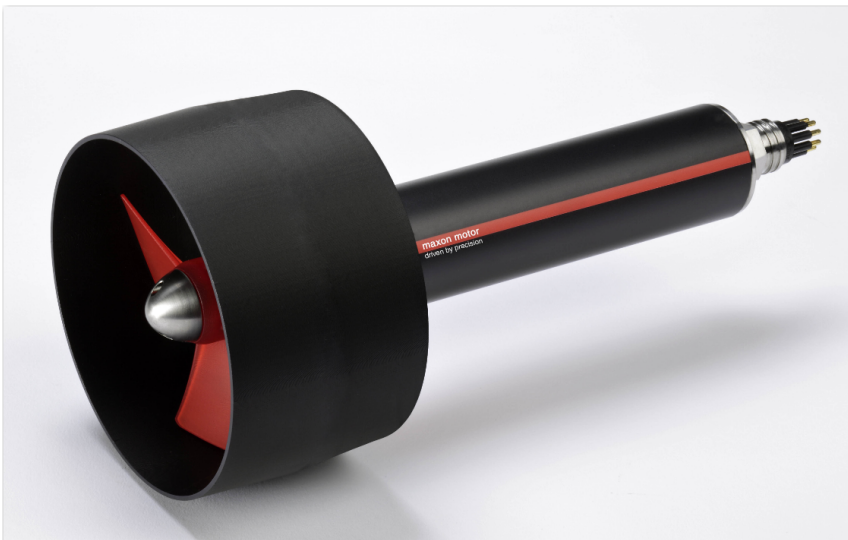
maxon motors brushless DC subsea thruster and submersible actuators update.

maxon motor produce a range of underwater actuators and subsea thrusters for the oil and gas industry and general ROV applications. They utilise maxon brushless DC motors and planetary gearheads submerged in oil filled housings to achieve ground-breaking performance when used submerged in water. Three sizes have received updated performance levels. The 20, 30 and 40mm diameter units. The standard propellers are an effective compromise between high bollard thrust and high efficiency. maxon motor can also provide calculations for optimisation of the propeller thrust in each application. Starting with the 20mm thruster, it is fitted with a standard option 50mm diameter 3-blade propeller. It can produce peaks of over 2.5kg thrust and has a weight in air of 290g and 145g in water. The 30mm can produce over 5kg of thrust from an 80mm propeller weighing in at 450g in air and 262g in water. The 40mm with a 110mm propeller achieves over 11kg thrust peaks. All units are recommended for oil filling with Panolin HLP Synth 15 and are fitted with industry standard Subconn connectors. Pressure compensation is achieved vial optional compensation modules recommended for each thruster size.

maxon motor Australia can assist with refining a brushless DC subsea thruster to suit your application requirements. Contact us on +61 2 9457 7477.

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



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