

Compact underwater DC drives.

High precision drives specialist, maxon motor introduces high-end solutions for underwater applications.

Today's modern technology must be equipped to withstand extremely harsh conditions found deep in the ocean. These conditions often include high pressure and high oxidation levels. maxon motor as a world leader in drive systems has worked closely with research institutes and universities to provide solutions that meet the many demanding challenges for electrical and mechanical components required for underwater systems.

Electrical actuated underwater vehicles like ROVs (Remote Operated Vehicles) and AUVs (Autonomous Unmanned Vehicles) require drives which are light weight, highly efficient and compact design. maxon's program of aquatic solutions offer these features and much more. The core element is a motor-gear combination based on a brushless DC-motor and a planetary gearhead. These underwater drives are designed with a high quality polymer housing to ensure protection against the harsh underwater elements.

maxon's MT-30 thruster is pressure tolerant up to 6,000 meters with oil compensation. The propeller is modified for low noise operation. Other features include: Maximum bollard thrust of 10kgs, Voltage of 27 and weighs slightly over 900gms.

For more information on underwater drives for subsea applications, please contact maxon motor Australia tel +61 2 9457 7477 or email aquaticsolutions@maxonmotor.com

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



The MT-30 Thruster. Specifically designed and manufactured for high pressure in deep-sea applications down to 6000 meters © 2016 maxon motor



A cut-out of the actuator with the oil pressure compensation device incorporated in the unit.

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