Media Release

Subsea thruster, submersible DC motor and actuator range set to expand.

With the successful launch of the MT30 subsea ROV thruster from maxon motor, the drive specialist is expanding the range of ROV thruster sizes and submersible motors with pressure compensation vessels.

The MT30 subsea ROV thruster from maxon motor created a huge impression with 10Kg of bollard thrust from a 30mm diameter submersible brushless DC motor. Soon it will become just one option in the range of thrusters from the DC motor manufacturing marque. With a natural affinity suited to harsh application requirements the maxon range of heavy duty brushless motors (HD motors) were designed originally for use in down hole drilling rigs where extremely high shock, vibration and temperatures are experienced. The brushless HD motors in each power level have a version designed for submersion in oil. It is natural progression for the oil filled motors to be encased and pressure compensated for use submerged in seawater. This can be in the form of a thruster for underwater craft propulsion, an actuator for underwater instrumentation or a combined motor, gearhead and sensor feedback assembly totally sealed and pressure compensated for underwater tools and subsea valve control. The thruster sizes will range from 20mm through to 70mm diameter and will be available with the option of subcon connectors or custom cable (umbilical), compensators and control electronics.

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The media release is available on the internet at: www.maxonmotor.com.au
MT30 Subsea thruster with maxon submersible brushless DC motor and pressure compensator.

MT70 Subsea thruster for ROV with maxon submersible brushless DC motor.

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