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## TSR-520 Rotator

The TSR-520 Rotator is an underwater servo motor designed for precision and reliability. The TSR-520 uses a brushless DC motor and a cycloid gear box with both an absolute and relative encoder.



TSR-520 Rotator	
FEATURE	SPECIFICATION
Dimensions	283 mm length x 89 mm diameter
Weight	4 kg in air
Depth Rating	250 meters (available with oil compensation for greater depth rating)
Material	Anodized Aluminum
Voltage	12 VDC to 24 VDC
Power	200 Watts
Current (Continuous)	9.3 A
Torque (Continuous)	43 Nm
Communication	RS-485 Communication
Connector	Subconn Low Profile LPBH5M
Resolution	0.0004 deg/pulse
Position Sensor	Contactless absolute encoder, Incremental encoder
Motor	Brushless DC
Speed	29 rpm
Operation Modes	Torque control, velocity control, position control

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