



R10 Rotator

The R10 is a nuclear and deepsea rotator featuring a RS-485 computer control, 3,000 meter depth rating, 10 lb-ft torque, 24-28 VDC power, aluminum housing, and oil or air filled models. The R10 has a 1-year warranty and various connector options.

Payload	25 lbs (11 kg)
Torque	10 lb/ft (13.56 N-m)
Accuracy	+/- 1.5° (90 arc minutes)
Gear Backlash	0.6° (36 arc minutes)
Scan Range	+/- 360 degrees
Rotation Speed	10 ° / sec
Power	24-28 VDC (1.7 amps)
Control	RS-485 (half duplex)
Networkability	Up to 32 RS-485 nodes
Motors	Brushless electric
Depth rating	Oil filled: 3,000 meters, air filled: 30 meters
Housing material	Aluminum
Size	3.45"H x 2.95"W x 2.95"D
Weight	Air: 4.3 lb (air), 5.1 lb (oil); water: 3.1 lb (air), 3.1 lb (oil)
Operating temp	Up to 122° F (50° C); storage: -4° to 140° F (-20 to 60°C)
Connectors	Various connectors available



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