



R100 Rotator

The R100 rotator features a RS-485 computer control to remotely orient equipment. It also features a 3,000 depth rating, 30 lb-ft torque, 24-28 VDC power, aluminum housing, and oil or air filled models. The R100 has a 1-year warranty and various connector options

Payload	100 lbs (45 kg)
Torque	30 lb/ft (40 N-m)
Accuracy	+/- 1.5° (90 arc minutes)
Gear Backlash	0.5° (30 arc minutes)
Scan Range	+/- 170 degrees max
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	4.90 "H x 4.2"D (124 mm x 107 mm)
Weight	in air 10.5 lb (air), 11.7 lb (oil); water: 6.5 lb (air), 7.7 lb (oil)
Operating temp	up to 122° F (50° C); storage temp: -4° to 140° F (-20 to 60°C)
Connectors	various connectors available



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