

ARP-30-200R GENERAL SPECIFICATIONS

The ARP-30-200R consists of the Azimuth Rotator Unit, Position Control Unit (ACU-3D-14-30) and cables required for power and control of the positioner.

The load capacity of the system is 30 lbs.

The positioner is suitable for mounting on a flat, horizontal mounting surface and provides continuous rotation in the azimuth axis. It is designed for reliable operation in outdoor, marine environments, and is designed to meet Mil-STD-810E for shipboard use.

The control unit can be remotely located to facilitate integration with the end user's system. It can be controlled locally using front panel controls or remotely via serial Interface (RS-232) using simple, well defined commands. The control unit is suitable for mounting in an equipment rack. The controller is designed to meet Mil-STD-810E for indoor, shipboard operation.

The system has also been designed for electromagnetic compatibility per MIL-STD-461E, Category A4, Part 5 for surface ships, and MIL-STD-1399, section 300 (compatibility with power systems available on surface ships)

RANGE of MOTION

Azimuth: Continuous

POSITIONING ACCURACY

Azimuth: $\pm 0.3^\circ$

CONTINUOUS TORQUE

Azimuth: 360 in lbs (30 ft lbs)

VELOCITY:

Azimuth: 22-200 RPM

ACCELERATION:

Azimuth: 30-270 deg/sec²

POWER INPUT:

Controller 120/60Hz

WEIGHT:

Positioner: 170 lbs (78kg)

Controller: 25 lbs (12kg)

POSITIONER:

Operational

Temperature: 21°-131°F
(-6° to 55°C)

Relative Humidity: 0 to 100%



ARP-30-200R



ACU-3D-14-30