

General Information:

All of RPM's Standard Products are designed using COTS (Commercial Off-The-Shelf) components wherever possible. Standard products are easily modified to meet almost any specification. Custom designs, are available on request or as specifications dictate.

Standard Features:

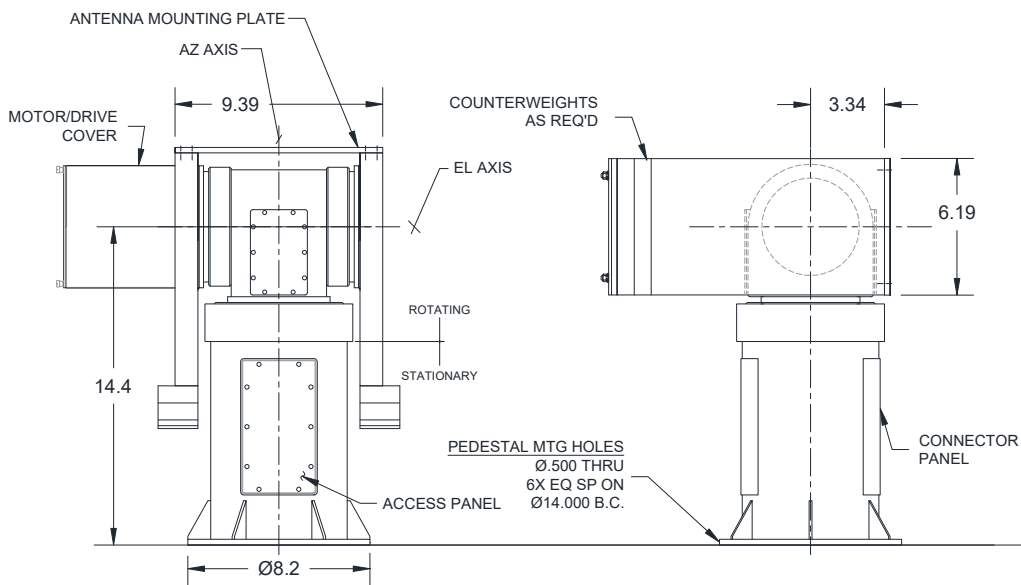
- Modular Construction
- Totally Enclosed, Environmentally Sealed
- Corrosion Resistant Hardware
- Designed to Military Requirements
- Design to Service Requirements

Available on Select Models:

- Rotary Joints, Slip Ring, Waveguide
- Hand Crank, AZ Mechanical Stop
- Integral Controller
- Stow Pins, Failsafe Brakes
- Manual / Electronic Brake Release
- Alternate Mounting
- Dual and/or Antenna Polarization Drive



Dimensions:



Parameters:

| | Azimuth | Elevation | |
|-----------------|----------------------------|---------------------|-----------------------|
| Fixed: | Rated Gear Strength | 500 lb-ft | |
| | Compliance | 6.00E-06 rad/lb-ft | |
| | Overturn Moment | 4,000 ft-lb | |
| Variable | Motor Size | 245 Watt DC | |
| | Drive Configuration | Gear Drive, Single | |
| | Torque, Continuous | 300 lb-ft | |
| | Torque, Peak | --- | |
| | Gear Ratio | 445 : 1 | |
| | Travel | ±190° | |
| | Max Velocity | 30 °/s | |
| | Max Acceleration | 30 °/s ² | |
| | Backlash | < 0.04° | |
| | Data Package | 15-bit Resolution | |
| | Limit Switches | CW, CCW | (1) UP, (1) DN, INTLK |
| | Weight | 250 lbs | |

- Notes:**
- 1) Variable parameters may be changed by revising component selection to be more suitable for your particular application
 - 2) Specifications subject to change without notice.