

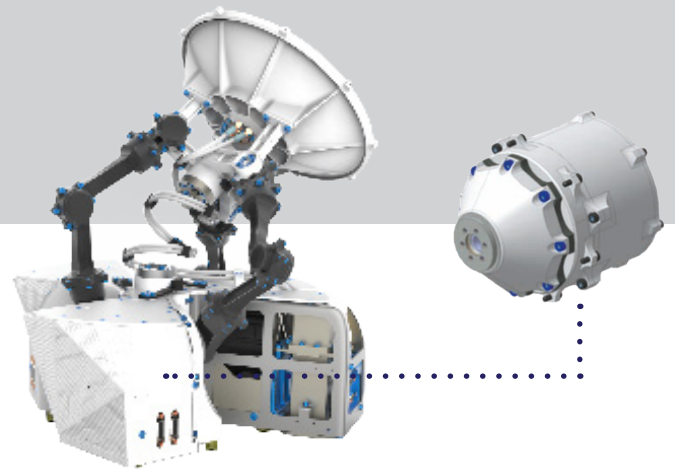


RA

Rotary actuators



Comat has qualified a new rotary actuator for space systems, specifically dedicated for agile pointing devices.



Context

The major space applications of this rotary actuator are: the pointing of instruments or antennas, or the deployment of appendages.

Main benefits

- ✓ Positioning accuracy
- ✓ High agility
- ✓ ITAR-free



Mechanical features

Power Consumption

5 W

Output Torque

6 N.m

Holding Torque

Powered
16 N.m

Holding Torque Unpowered

1.2 N.m

Total Assembly Weight

1.17 kg

Output Step Angle

0.033°

Step/Revolution

10.800

Harmonic Drive Ratio

30

Motor Step Angle

1°

Max Output Step

12°/s



ROTARY ACTUATORS

Telecommunication &
Observation

