

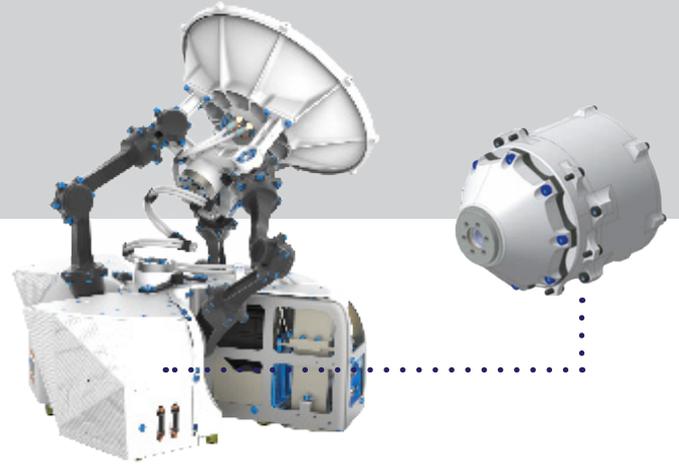


RA

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

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Mechanical features

| | | |
|-------------------------------------|--|----------------------------|
| Power Consumption 5 W | Holding Torque Unpowered 1.2 N.m | Step/Revolution 10.800 |
| Output Torque 6 N.m | Total Assembly Weight 1.17 kg | Harmonic Drive Ratio 30 |
| Holding Torque Powered 16 N.m | Output Step Angle 0.033° | Motor Step Angle 1° |
| | | Max Output Step 12°/s |





ROTARY ACTUATORS

Mechanism

