



HONEYBEE ROBOTICS
Motion Control

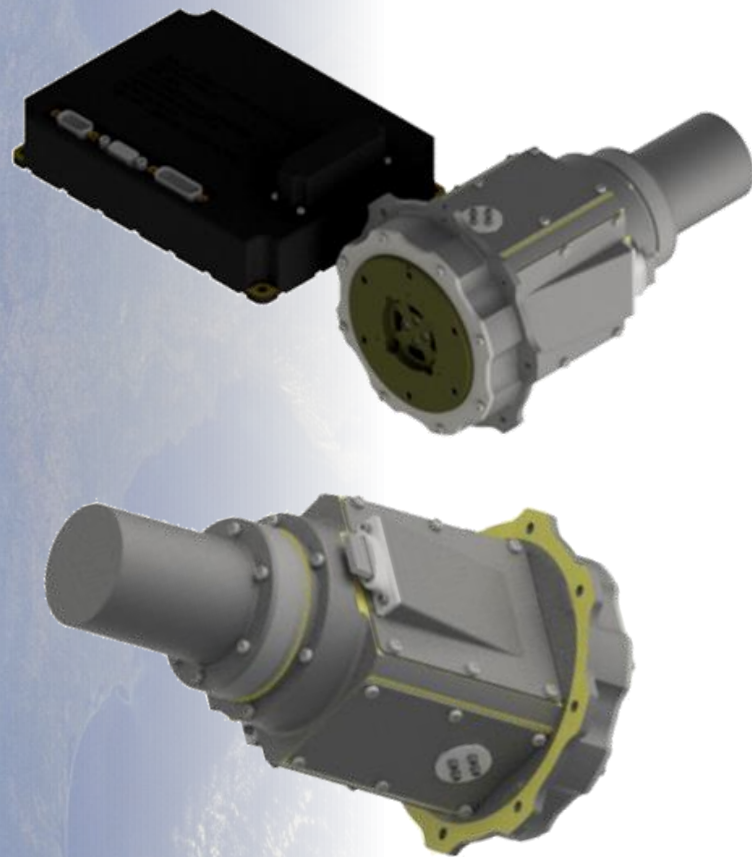
Small Sat SADA

Description

Solar Array Drive Actuator designed to accommodate Small-Sat Class spacecraft. Continuous rotation with slip ring for power transfer.

May be combined with a flight-qualified Electronics Box for a fully-integrated system.

Specification	Data
Mass, incl. leadwire	3.1 kg
Output Step Angle	0.0042 deg.
HD Gear Ratio	100:1
Potentiometer Feedback	>350 deg. elec. travel
Torsional Stiffness	>2000 Nm/rad
Power Throughput Capacity	Up to 1.5 kW @ 28V
Output Torque (continuous)	15 Nm
Holding Torque (powered)	24 Nm
Holding Torque (unpowered)	18 Nm
Operating Temperature Range	-35 to +70°C
Slip Ring Transfers	42 Total 34 Power @ 3.0 A ea. 8 Signal
Size (Ø x Len.)	
SADA	Ø127 x 210 mm



Contact

Honeybee is ISO9001:2000 and AS9100C certified.

Honeybee Robotics
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