## Feature
- Ideal for 50 to 100Kg spacecraft
- Integrated Wheel Drive Electronics
- Low Power Consumption
- Excellent Cost/Performance
- 2012 Flight

## Performance:
- Angular Momentum: 0.5 Nms @ 4100rpm
- Nominal Rotation Speed: 4100rpm
- Max. Rotation Speed: 5000rpm
- Nominal Torque: >0.003 Nm
- Torque Scale Factor: 0.03 Nm/° nominal

## Mechanical:
- Mass: 0.98Kg
- Dimensions (without flange): Φ98mm × 57mm(H)
- Moment of Inertia (rotating mass): 7×10⁻⁴Kgm²

## Electrical:
- Voltage: 22V to 34V & +5V
- Power Consumption:
  - Standby/motor off: <0.5 W
  - Steady-State at nominal speed: <2.5 W
  - Torque at nominal speed: <15 W @10mN Output Torque
  - +5V Power Consumption: 1.5 W

## Data Interface:
- RS422

## General:
- +15VDC Voltage available
- Nominal speed: 3000rpm
- Operation temperature range: -10°C to +60°C
- Non-Operating temperature range: -20°C to +60°C
- Random Vibration: 14.1G rms, 20 to 2000Hz
- Design life time: 9 years at 40°C
- Storage time: 3 years (depend on packing)

All right are reserved. Subject to change without prior notice.