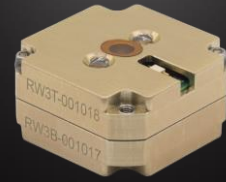


# REACTION WHEEL

## RW-0.003 Data Sheet

Version 3.0 – 2024-08-02



<b>MOMENTUM</b>	Nominal: $\pm 0.003$ Nm Peak: $\pm 0.005$ Nms (at 5 V)
<b>TORQUE</b>	$\pm 1$ mNm at 0.005 Nms (at 5 V)
<b>CONTROL MODE</b>	Speed or Torque
<b>COMMAND/TELEMETRY</b>	I <sup>2</sup> C
<b>MECHANICAL</b>	Dimensions: 33.5 x 33.5 x 17 mm Mass: <50 g
<b>SUPPLY VOLTAGE</b>	5 V to 8.8 V (nominal 7V)
<b>ENVIRONMENT</b>	Thermal: -30°C to +85°C (operating) Vibration: 14.1 gRMS Radiation (TID): 19.5 krad (unit level)
<b>FLIGHT HERITAGE</b>	21 units on orbit, with cumulated 12 years of heritage since 2023