



Parameter	RW100	Remark
Angular momentum	0.4 Nms	@ nominal speed
Nominal rotation speed	6000 rpm	
Nominal reaction torque	0.02 Nm	Max. commandable deliverable output torque over the whole speed range
Power interface		
<i>Supply voltage</i>	18 to 34 V	
<i>Power consumption</i>	≤ 2 W ≤ 5.0 W 20 W	Stand by (motor off) @ 6000 rpm Maximum (max. torque/max. speed)
Mechanical interface		
<i>Mass</i>	≤ 0.8 kg	
<i>Moment of inertia</i>	6.52x10 ⁻⁴ kg m ²	Rotating mass
<i>Dimension</i>	100mm x 100mm x 60mm	
<i>Temperatures</i>		
<i>Operation</i>	-20 °C to +60 °C	
<i>Start-up</i>	-30 °C to +70 °C	
<i>Survival temperature</i>	-40 °C to +75 °C	
<i>Data interface</i>	RS485/RS422	
<i>Design lifetime</i>	> 7 years	In LEO
<i>Storage time</i>	> 3 years	(incl. 240 h of ground operation)