



Parameter	RW90	Remark
Angular momentum	0.35 Nms	@7800 rpm
Nominal rotation speed	6000 rpm	
Nominal reaction torque	0.015 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>	≤ 1.8 W ≤ 2.7 W ≤ 3.5 W 15 W	Stand by (motor off) @ 3000 rpm @ 6000 rpm Maximum (max. torque/max. speed)
Mechanical interface		
<i>Mass</i>	≤ 0.9 kg	
<i>Moment of inertia</i>	4.35×10^{-4} kg m ²	Rotating mass
<i>Dimension</i>	100mm x 100mm x 60mm	
Temperatures		
<i>Operation</i>	-20 °C to +50 °C	
<i>Start-up</i>	-30 °C to +60 °C	
<i>Survival temperature</i>	-40 °C to +65 °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)